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# **pokerthproto Documentation**

***Release***

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The goal of this project is to provide a client interface to a [PokerTH](#) server. This interface could then be used to write alternative poker clients in Python or even poker bots.

Right now, this project is in a **beta** status, meaning that it is still incomplete.



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## Contents

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## 1.1 Writing a Client

PokerTHProto is built with [Twisted](#), an event-driven networking engine written in Python. That means it is rather useful to have basic knowledge about [event-driven programming](#). But don't get scared, it is pretty easy.

### 1.1.1 Twisted Application

The easiest way to write a PokerTH client is to write an Twisted application.

This basic `my_client.tac` file gives you an idea:

```
from twisted.application import internet, service
from twisted.internet import reactor

from pokerthproto.protocol import ClientProtocolFactory, ClientProtocol
from pokerthproto.lobby import GameInfo, LobbyError
from pokerthproto.poker import Action


class PyClientProtocol(ClientProtocol):
    def handleInsideLobby(self, lobbyInfo):
        try:
            gameId = self.factory.lobby.getGameInfoId('My Online Game')
        except LobbyError:
            reactor.callLater(1, self.handleInsideLobby, lobbyInfo)
        else:
            self.sendJoinExistingGame(gameId)

    def handleMyTurn(self, gameInfo):
        if gameInfo.highestSet > gameInfo.myBet:
            action, bet = Action.CALL, gameInfo.highestSet
        else:
            action = Action.CHECK
        self.sendMyAction(action, gameInfo.highestSet - gameInfo.myBet)


class PyClientProtocolFactory(ClientProtocolFactory):
    protocol = PyClientProtocol


application = service.Application('PokerTH Client')
```

```
client_factory = PyClientProtocolFactory('PyClient1')
service = internet.TCPCClient('localhost', 7234, client_factory)
service.setServiceParent(application)
```

Here, we create an own protocol by inheriting from `ClientProtocol` and overwriting some methods in order to adapt them to our needs. For instance, the `handleInsideLobby` method is triggered when we are inside the lobby. In this case, our action is to join the game named *My Online Game* if available otherwise we wait one second and try again. The method `handleMyTurn` is called during a poker game and here we specified that we want to check if possible and otherwise call. The remaining lines are just boilerplate code to define a Twisted application. You can run this client by calling:

```
twisted -y my_client.tac -n
```

### 1.1.2 Mandatory Methods

Your own protocol needs to define some mandatory methods:

- `handleInsideLobby`: This method is called when we are inside the lobby. Use `sendJoinExistingGame` or `sendJoinNewGame` to join or create a new game. If you create a new game use `sendStartEvent` to start the game. The `lobbyInfo` argument of type `Lobby` provides you information about other players and games.
- `handleMyTurn`: This method is called when our turn starts. Use `sendMyAction` to decide what action you want to take. The current state of the game is represented with the `gameInfo` parameter of type `Game` in both functions.

### 1.1.3 Optional Methods

- `handleChat`: This method is called when a chat message was received. Use `sendChatRequest` to reply or start a chat.
- `handleOthersTurn`: This method is called when another player starts its turn. You could use this event to chat him up.
- `handleEndOfHand`: This method is called when one hand is over. Use the `gameInfo` parameter of type `Game` to do logging or learn about the other players' cards and wins with `gameInfo.othersCards` and `gameInfo.wins`.
- `handleEndOfGame`: This method is called when a game is over. Use the `gameInfo` parameter of type `Game` to do logging or learn about the other players' cards and wins with `gameInfo.othersCards` and `gameInfo.wins`. The parameter `winner` of type `Player` provides you the winner of the game. When this function is called you are back in the lobby.

## 1.2 Status of Implementation

The PokerTH protocol consists of 81 different messages types which are all enveloped inside an `PokerTHMessage`. Only a subset of all messages is needed in most cases.

### 1.2.1 Implemented

- `AnnounceMessage`
- `InitMessage`

- InitAckMessage
- PlayerListMessage
- GameListNewMessage
- GameListUpdateMessage
- GameListPlayerJoinedMessage
- GameListPlayerLeftMessage
- PlayerInfoRequestMessage
- PlayerInfoReplyMessage
- JoinExistingGameMessage
- JoinNewGameMessage
- JoinGameAckMessage
- GamePlayerJoinedMessage
- GamePlayerLeftMessage
- StartEventMessage
- StartEventAckMessage
- GameStartInitialMessage
- HandStartMessage
- PlayersTurnMessage
- MyActionRequestMessage
- YourActionRejectedMessage
- PlayersActionDoneMessage
- DealFlopCardsMessage
- DealTurnCardMessage
- DealRiverCardMessage
- ChatMessage
- ChatRequestMessage
- AllInShowCardsMessage
- EndOfHandShowCardsMessage
- EndOfHandHideCardsMessage
- ShowMyCardsRequestMessage
- AfterHandShowCardsMessage
- EndOfGameMessage

### 1.2.2 Not Implemented

- AuthServerChallengeMessage
- AuthClientResponseMessage
- AuthServerVerificationMessage
- AvatarRequestMessage
- AvatarHeaderMessage
- AvatarDataMessage
- AvatarEndMessage
- UnknownAvatarMessage
- GameListAdminChangedMessage
- SubscriptionRequestMessage
- RejoinExistingGameMessage
- JoinGameFailedMessage
- GameAdminChangedMessage
- RemovedFromGameMessage
- KickPlayerRequestMessage
- LeaveGameRequestMessage
- InvitePlayerToGameMessage
- InviteNotifyMessage
- RejectGameInvitationMessage
- RejectInvNotifyMessage
- GameStartRejoinMessage
- PlayerIdChangedMessage (SOON)
- AskKickPlayerMessage
- AskKickDeniedMessage
- StartKickPetitionMessage
- VoteKickRequestMessage
- VoteKickReplyMessage
- KickPetitionUpdateMessage
- EndKickPetitionMessage
- StatisticsMessage
- ChatRejectMessage
- DialogMessage
- TimeoutWarningMessage
- ResetTimeoutMessage
- ReportAvatarMessage

- ReportAvatarAckMessage
- ReportGameMessage
- ReportGameAckMessage
- ErrorMessage
- AdminRemoveGameMessage
- AdminRemoveGameAckMessage
- AdminBanPlayerMessage
- AdminBanPlayerAckMessage
- GameListSpectatorJoinedMessage
- GameListSpectatorLeftMessage
- GameSpectatorJoinedMessage
- GameSpectatorLeftMessage

## 1.3 pokerthproto

### 1.3.1 pokerthproto package

#### Submodules

##### pokerthproto.game module

All functionality related to a poker game and its representation.

**class** pokerthproto.game.**ActionInfo** (*player*, *kind*, *money*=*None*)  
Bases: *object*

The action of a player during the poker game.

#### Parameters

- **player** – player (*Player*)
- **kind** – type of the action (*Action*)
- **money** – stake of the action if available

**class** pokerthproto.game.**Game** (*gameId*, *myPlayerId*)  
Bases: *object*

A poker game holding the information about the actions of the players.

**addAction** (*playerId*, *kind*, *money*=*None*)  
Adds an action to the current round of the game

#### Parameters

- **playerId** – id of player
- **kind** – type of the action of *Action*
- **money** – stake of the action if available

**addOthersCards** (*playerId*, *cards*)

**addPlayer** (*player*)

**addRound** (*name*, *cards=None*)

Adds a poker round to the game

**Parameters**

- **name** – poker round of type *Round*
- **cards** – board cards of the round

**addWin** (*playerId*, *money*)

**bigBlind**

**currRound**

**currRoundInfo**

Current poker round

**Returns** poker round

**Return type** *RoundInfo*

**dealer**

**delPlayer** (*player*)

**existPlayer** (*id*)

Checks if a player exists in the game

**Parameters** **id** – id of the player

**Returns** test if player exists

**existRound** (*name*)

Checks if the poker round exists in this game

**Parameters** **name** – poker round of *Round*

**Returns** test if round exists

**gameId**

**getActions** (*playerId=None*, *rounds=None*)

Retrieves actions from the game with optional restrictions on rounds and a player.

**Parameters**

- **playerId** – id of the player or *None* for all players
- **rounds** – list of rounds (*Round*) to consider

**Returns** list of actions (*Actioninfo*)

**getPlayer** (*id*)

Retrieves a player from the game

**Parameters** **id** – id of the player

**Returns** player

**handNum**

**highestSet**

**minimumRaise**

**myBet**

```
othersCards
players
pocketCards
seats
smallBlind
startNewHand()
wins

exception pokerthproto.game.GameError
    Bases: exceptions.Exception

class pokerthproto.game.RoundInfo(gameState, cards=None)
    Bases: object
```

Information about the poker round.

#### Parameters

- **gameState** – name of the poker round (*Round*)
- **cards** – board card of the round as defined in deck

**actions**

**cards**

**gameState**

**name**

## pokerthproto.lobby module

All functionality related to the lobby where information about running games, players etc. is presented.

```
class pokerthproto.lobby.GameInfo(gameName=None)
```

Bases: object

Wrapper object for pokerth\_pb2.PNetGameInfo

This object is needed in order to create an own game.

```
addPlayer(player)
adminPlayerId
allowSpectators
delPlayer(player)
delayBetweenHands
endRaiseMode
endRaiseSmallBlindValue
fillWithComputerPlayers
firstSmallBlind
gameId
gameMode
```

```
gameName
getMsg()
isPrivate
manualBlinds
maxNumPlayers
netGameType
playerActionTimeout
players
proposedGuiSpeed
raiseEveryHands
raiseIntervalMode
setInfo (gameInfo)
startMoney

class pokerthproto.lobby.Lobby
Bases: object

addGameInfo (gameInfo)
addPlayer (playerId)
addPlayerToGame (playerId, gameId)
delPlayer (playerId)
delPlayerFromGame (playerId, gameId)
gameInfos
getGameInfo (gameId)
getGameInfoId (gameName)
getPlayer (playerId)
players
setPlayerInfo (playerId, infoData)

exception pokerthproto.lobby.LobbyError
Bases: exceptions.Exception
```

## pokerthproto.player module

All functionality related to the representation of a poker player.

```
class pokerthproto.player.Player (playerId)
Bases: object
```

Player in poker game including all information of pokerth\_pb2.PlayerInfoReplyMessage.playerInfoData

```
avatarHash
avatarType
```

```
countryCode
isHuman
money
name
playerId
playerRights
seat
setInfo (infoData)
```

## pokerthproto.poker module

All data structures related to poker like poker actions, cards, rounds etc.

**class** pokerthproto.poker.**Action**

Bases: `object`

Enum of possible player actions in poker

**ALLIN** = 6

**BET** = 4

**CALL** = 3

**CHECK** = 2

**FOLD** = 1

**NONE** = 0

**RAISE** = 5

**class** pokerthproto.poker.**Round**

Bases: `object`

Enum of poker rounds where posting blinds is considered a round too.

**BIG\_BLIND** = 5

**FLOP** = 1

**PREFLOP** = 0

**RIVER** = 3

**SMALL\_BLIND** = 4

**TURN** = 2

pokerthproto.poker.**cardToInt** (*card*)

Converts a poker card into an integer representation.

**Parameters** `card` – poker card like 2d, Th, Qc etc.

**Returns** integer

pokerthproto.poker.**intToCard** (*i*)

Converts an integer into a poker card

**Parameters** `i` – integer

**Returns:** poker card like 2d, Th, Qc etc.

### pokerthproto.pokerth\_pb2 module

```
class pokerthproto.pokerth_pb2.AdminBanPlayerAckMessage (**kwargs)
    Bases: google.protobuf.message.Message

    AdminBanPlayerResult = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>
    BANPLAYERID_FIELD_NUMBER = 1
    BANPLAYERRESULT_FIELD_NUMBER = 2

    ByteSize()
    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.
        "foo.bar[5].baz".

    static FromString(s)
    HasField(field_name)
    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

        Args:
            errors: A list which, if provided, will be populated with the field paths of all missing required
                    fields.

        Returns: True iff the specified message has all required fields set.

    ListFields()
    MergeFrom(msg)
    MergeFromString(serialized)
    static RegisterExtension(extension_handle)
    SerializePartialToString()
    SerializeToString()
    SetInParent()
        Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

    WhichOneof(oneof_name)
        Returns the name of the currently set field inside a oneof, or None.

    banPlayerAccepted = 0
    banPlayerDBError = 3
    banPlayerId
        Magic attribute generated for "banPlayerId" proto field.
```

```

banPlayerInvalid = 4
banPlayerNoDB = 2
banPlayerPending = 1
banPlayerResult
    Magic attribute generated for “banPlayerResult” proto field.

class pokerthproto.pokerth_pb2.AdminBanPlayerMessage (**kwargs)
Bases: google.protobuf.message.Message

BANPLAYERID_FIELD_NUMBER = 1

ByteSize()
Clear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
FindInitializationErrorsReturns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

static FromString(s)
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

Returns: True iff the specified message has all required fields set.

ListFieldsMergeFrom(msg)
MergeFromString(serialized)
static RegisterExtension(extension_handle)
SerializePartialToStringSerializeToStringSetInParentWhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

banPlayerId
    Magic attribute generated for “banPlayerId” proto field.

class pokerthproto.pokerth_pb2.AdminRemoveGameAckMessage (**kwargs)
Bases: google.protobuf.message.Message

AdminRemoveGameResult = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>

```

```
ByteSize()
Clear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
FindInitializationErrors()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.
        "foo.bar[5].baz".

static FromString(s)
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required
        fields.

    Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
REMOVEGAMEID_FIELD_NUMBER = 1
REMOVEGAMERESULT_FIELD_NUMBER = 2
static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

gameRemoveAccepted = 0
gameRemoveInvalid = 1

removeGameId
    Magic attribute generated for "removeGameId" proto field.

removeGameResult
    Magic attribute generated for "removeGameResult" proto field.

class pokerthproto.pokerth_pb2.AdminRemoveGameMessage(**kwargs)
Bases: google.protobuf.message.Message

ByteSize()
Clear()
ClearField(field_name)
```

---

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors()**  
Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString(s)**

**HasField(field\_name)**

**IsInitialized(errors=None)**  
Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom(msg)**

**MergeFromString(serialized)**

**REMOVEGAMEID\_FIELD\_NUMBER = 1**

**static RegisterExtension(extension\_handle)**

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**  
Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof(oneof\_name)**  
Returns the name of the currently set field inside a oneof, or None.

**removeGameId**  
Magic attribute generated for “removeGameId” proto field.

**class pokerthproto.pokerth\_pb2.AfterHandShowCardsMessage(\*\*kwargs)**  
Bases: google.protobuf.message.Message

**ByteSize()**

**Clear()**

**ClearField(field\_name)**

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors()**  
Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString(s)**

**HasField(field\_name)**

**IsInitialized(errors=None)**  
Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom**(msg)

**MergeFromString**(serialized)

**PLAYERRESULT\_FIELD\_NUMBER = 1**

**static RegisterExtension**(extension\_handle)

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**

Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof**(oneof\_name)

Returns the name of the currently set field inside a oneof, or None.

**playerResult**

Magic attribute generated for “playerResult” proto field.

**class pokerthproto.pokerth\_pb2.AllInShowCardsMessage(\*\*kwargs)**

Bases: google.protobuf.message.Message

**ByteSize()**

**Clear()**

**ClearField**(field\_name)

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors()**

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString**(s)

**GAMEID\_FIELD\_NUMBER = 1**

**HasField**(field\_name)

**IsInitialized**(errors=None)

Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom**(msg)

**MergeFromString**(serialized)

```

PLAYERSALLIN_FIELD_NUMBER = 2

class PlayerAllIn (**kwargs)
    Bases: google.protobuf.message.Message

        ALLINCARD1_FIELD_NUMBER = 2
        ALLINCARD2_FIELD_NUMBER = 3

        ByteSize()
        Clear()
        ClearField(field_name)

        DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>

        FindInitializationErrors()
            Finds required fields which are not initialized.
            Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message,
            e.g. “foo.bar[5].baz”.

        static FromString(s)
        HasField(field_name)
        IsInitialized(errors=None)
            Checks if all required fields of a message are set.
            Args:
                errors: A list which, if provided, will be populated with the field paths of all missing required fields.
            Returns: True iff the specified message has all required fields set.

        ListFields()
        MergeFrom(msg)
        MergeFromString(serialized)
        PLAYERID_FIELD_NUMBER = 1
        static RegisterExtension(extension_handle)
        SerializePartialToString()
        SerializeToString()
        SetInParent()
            Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

        whichOneof(oneof_name)
            Returns the name of the currently set field inside a oneof, or None.

        allInCard1
            Magic attribute generated for “allInCard1” proto field.

        allInCard2
            Magic attribute generated for “allInCard2” proto field.

        playerId
            Magic attribute generated for “playerId” proto field.

        static AllInShowCardsMessage.RegisterExtension(extension_handle)
        AllInShowCardsMessage.SerializePartialToString()

```

```
AllInShowCardsMessage.SerializeToString()
AllInShowCardsMessage.SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.
AllInShowCardsMessage.WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.
AllInShowCardsMessage.gameId
    Magic attribute generated for "gameId" proto field.
AllInShowCardsMessage.playersAllIn
    Magic attribute generated for "playersAllIn" proto field.

class pokerthproto.pokerth_pb2.AnnounceMessage(**kwargs)
Bases: google.protobuf.message.Message

ByteSize()
Clear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>

FindInitializationErrors()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.
        "foo.bar[5].baz".

static FromString(s)
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required
            fields.

    Returns: True iff the specified message has all required fields set.

LATESTBETAREVISION_FIELD_NUMBER = 3
LATESTGAMEVERSION_FIELD_NUMBER = 2
ListFields()
MergeFrom(msg)
MergeFromString(serialized)
NUMPLAYERSONSERVER_FIELD_NUMBER = 5
PROTOCOLVERSION_FIELD_NUMBER = 1
static RegisterExtension(extension_handle)
ServerType_FIELD_NUMBER = 4
SerializePartialToString()
SerializeToString()

ServerType = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>
```

```
SetInParent ()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

class Version (**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize ()

    Clear ()

    ClearField (field_name)

    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>

    FindInitializationErrors ()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

    static FromString (s)

    HasField (field_name)

    IsInitialized (errors=None)
        Checks if all required fields of a message are set.

        Args:
            errors: A list which, if provided, will be populated with the field paths of all missing required fields.

        Returns: True iff the specified message has all required fields set.

    ListFields ()

    MAJORVERSION_FIELD_NUMBER = 1

    MINORVERSION_FIELD_NUMBER = 2

    MergeFrom (msg)

    MergeFromString (serialized)

    static RegisterExtension (extension_handle)

    SerializePartialToString ()

    SerializeToString ()

    SetInParent ()
        Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

    WhichOneof (oneof_name)
        Returns the name of the currently set field inside a oneof, or None.

    majorVersion
        Magic attribute generated for “majorVersion” proto field.

    minorVersion
        Magic attribute generated for “minorVersion” proto field.

    AnnounceMessage.WhichOneof (oneof_name)
        Returns the name of the currently set field inside a oneof, or None.

    AnnounceMessage.latestBetaRevision
        Magic attribute generated for “latestBetaRevision” proto field.
```

```
AnnounceMessage.latestGameVersion
    Magic attribute generated for “latestGameVersion” proto field.

AnnounceMessage.numPlayersOnServer
    Magic attribute generated for “numPlayersOnServer” proto field.

AnnounceMessage.protocolVersion
    Magic attribute generated for “protocolVersion” proto field.

AnnounceMessage.serverType
    Magic attribute generated for “serverType” proto field.

AnnounceMessage.serverTypeInternetAuth = 2
AnnounceMessage.serverTypeInternetNoAuth = 1
AnnounceMessage.serverTypeLAN = 0

class pokerthproto.pokerth_pb2.AskKickDeniedMessage (**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    ClearClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

    static FromString(s)
        GAMEID_FIELD_NUMBER = 1
        HasField(field_name)
        IsInitialized(errors=None)
            Checks if all required fields of a message are set.

            Args:
                errors: A list which, if provided, will be populated with the field paths of all missing required fields.

            Returns: True iff the specified message has all required fields set.

        KICKDENIEDREASON_FIELD_NUMBER = 3
        KickDeniedReason = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>
        ListFields()
        MergeFrom(msg)
        MergeFromString(serialized)
        PLAYERID_FIELD_NUMBER = 2
        static RegisterExtension(extension_handle)
        SerializePartialToString()
        SerializeToString()
```

---

**SetInParent ()**  
Sets the `_cached_byte_size_dirty` bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof (*oneof\_name*)**  
Returns the name of the currently set field inside a oneof, or None.

**gameId**  
Magic attribute generated for “gameId” proto field.

**kickDeniedAlreadyInProgress = 3**

**kickDeniedInvalidGameState = 0**

**kickDeniedInvalidPlayerId = 4**

**kickDeniedNotPossible = 1**

**kickDeniedReason**  
Magic attribute generated for “kickDeniedReason” proto field.

**kickDeniedTryAgainLater = 2**

**playerId**  
Magic attribute generated for “playerId” proto field.

```
class pokerthproto.pokerth_pb2.AskKickPlayerMessage (**kwargs)
Bases: google.protobuf.message.Message
```

**ByteSize ()**

**Clear ()**

**ClearField (*field\_name*)**

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors ()**  
Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString (*s*)**

**GAMEID\_FIELD\_NUMBER = 1**

**HasField (*field\_name*)**

**IsInitialized (*errors=None*)**  
Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields ()**

**MergeFrom (*msg*)**

**MergeFromString (*serialized*)**

**PLAYERID\_FIELD\_NUMBER = 2**

**static RegisterExtension (*extension\_handle*)**

```
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

gameId
    Magic attribute generated for “gameId” proto field.

playerId
    Magic attribute generated for “playerId” proto field.

class pokerthproto.pokerth_pb2.AuthClientResponseMessage(**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    CLIENTRESPONSE_FIELD_NUMBER = 1

    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>

    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.
            “foo.bar[5].baz”.

    static FromString(s)
    HasField(field_name)
    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

        Args:
            errors: A list which, if provided, will be populated with the field paths of all missing required fields.
            Returns: True iff the specified message has all required fields set.

    ListFields()
    MergeFrom(msg)
    MergeFromString(serialized)
    static RegisterExtension(extension_handle)
    SerializePartialToString()
    SerializeToString()
    SetInParent()
        Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

    WhichOneof(oneof_name)
        Returns the name of the currently set field inside a oneof, or None.
```

```
clientResponse
    Magic attribute generated for “clientResponse” proto field.

class pokerthproto.pokerth_pb2.AuthServerChallengeMessage (**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

    static FromString(s)
    HasField(field_name)
    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

        Args:
            errors: A list which, if provided, will be populated with the field paths of all missing required fields.

        Returns: True iff the specified message has all required fields set.

    ListFields()
    MergeFrom(msg)
    MergeFromString(serialized)
    static RegisterExtension(extension_handle)
    SERVERCHALLENGE_FIELD_NUMBER = 1
    SerializePartialToString()
    SerializeToString()
    SetInParent()
        Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

    WhichOneof(oneof_name)
        Returns the name of the currently set field inside a oneof, or None.

serverChallenge
    Magic attribute generated for “serverChallenge” proto field.

class pokerthproto.pokerth_pb2.AuthServerVerificationMessage (**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
```

**FindInitializationErrors()**

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString(s)**

**HasField(field\_name)**

**IsInitialized(errors=None)**

Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom(msg)**

**MergeFromString(serialized)**

**static RegisterExtension(extension\_handle)**

**SERVERVERIFICATION\_FIELD\_NUMBER = 1**

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**

Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof(oneof\_name)**

Returns the name of the currently set field inside a oneof, or None.

**serverVerification**

Magic attribute generated for “serverVerification” proto field.

**class pokerthproto.pokerth\_pb2.AvatarDataMessage(\*\*kwargs)**

Bases: google.protobuf.message.Message

**AVATARBLOCK\_FIELD\_NUMBER = 2**

**ByteSize()**

**Clear()**

**ClearField(field\_name)**

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors()**

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString(s)**

**HasField(field\_name)**

**IsInitialized(errors=None)**

Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom**(msg)

**MergeFromString**(serialized)

**REQUESTID\_FIELD\_NUMBER = 1**

**static RegisterExtension**(extension\_handle)

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**

Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof**(oneof\_name)

Returns the name of the currently set field inside a oneof, or None.

**avatarBlock**

Magic attribute generated for “avatarBlock” proto field.

**requestId**

Magic attribute generated for “requestId” proto field.

**class** pokerthproto.pokerth\_pb2.**AvatarEndMessage** (\*\*kwargs)

Bases: google.protobuf.message.Message

**ByteSize()**

**Clear()**

**ClearField**(field\_name)

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors()**

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString**(s)

**HasField**(field\_name)

**IsInitialized**(errors=None)

Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom**(msg)

```
MergeFromString (serialized)
REQUESTID_FIELD_NUMBER = 1
static RegisterExtension (extension_handle)
SerializePartialToString ()
SerializeToString ()
SetInParent ()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.
WhichOneof (oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

requestId
    Magic attribute generated for “requestId” proto field.

class pokerthproto.pokerth_pb2.AvatarHeaderMessage (**kwargs)
Bases: google.protobuf.message.Message

AVATARSIZE_FIELD_NUMBER = 3
AVATARTYPE_FIELD_NUMBER = 2
ByteSize ()
Clear ()
ClearField (field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
FindInitializationErrors ()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.
        “foo.bar[5].baz”.

static FromString (s)
HasField (field_name)
IsInitialized (errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

    Returns: True iff the specified message has all required fields set.

ListFields ()
MergeFrom (msg)
MergeFromString (serialized)
REQUESTID_FIELD_NUMBER = 1
static RegisterExtension (extension_handle)
SerializePartialToString ()
SerializeToString ()
```

```
SetInParent ()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof (oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

avatarSize
    Magic attribute generated for “avatarSize” proto field.

avatarType
    Magic attribute generated for “avatarType” proto field.

requestId
    Magic attribute generated for “requestId” proto field.

class pokerthproto.pokerth_pb2.AvatarRequestMessage (**kwargs)
    Bases: google.protobuf.message.Message

AVATARHASH_FIELD_NUMBER = 2

ByteSize ()

Clear ()

ClearField (field_name)

DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>

FindInitializationErrors ()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

static FromString (s)

HasField (field_name)

IsInitialized (errors=None)
    Checks if all required fields of a message are set.

    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required fields.

    Returns: True iff the specified message has all required fields set.

ListFields ()

MergeFrom (msg)

MergeFromString (serialized)

REQUESTID_FIELD_NUMBER = 1

static RegisterExtension (extension_handle)

SerializePartialToString ()

SerializeToString ()

SetInParent ()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof (oneof_name)
    Returns the name of the currently set field inside a oneof, or None.
```

**avatarHash**  
Magic attribute generated for “avatarHash” proto field.

**requestId**  
Magic attribute generated for “requestId” proto field.

**class** pokerthproto.pokerth\_pb2.**ChatMessage** (\*\*kwargs)  
Bases: google.protobuf.message.Message

**ByteSize()**

**CHATTEXT\_FIELD\_NUMBER** = 4

**CHATTYPE\_FIELD\_NUMBER** = 3

**ChatType** = <google.protobuf.internal.enum\_type\_wrapper.EnumTypeWrapper object>

**Clear()**

**ClearField**(*field\_name*)

**DESCRIPTOR** = <google.protobuf.descriptor.Descriptor object>

**FindInitializationErrors()**  
Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString**(*s*)

**GAMEID\_FIELD\_NUMBER** = 1

**HasField**(*field\_name*)

**IsInitialized**(*errors=None*)  
Checks if all required fields of a message are set.

**Args:**

**errors**: A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom**(*msg*)

**MergeFromString**(*serialized*)

**PLAYERID\_FIELD\_NUMBER** = 2

**static RegisterExtension**(*extension\_handle*)

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**  
Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof**(*oneof\_name*)  
Returns the name of the currently set field inside a oneof, or None.

**chatText**  
Magic attribute generated for “chatText” proto field.

```

chatType
    Magic attribute generated for “chatType” proto field.

chatTypeBot = 2
chatTypeBroadcast = 3
chatTypeGame = 1
chatTypeLobby = 0
chatTypePrivate = 4

gameId
    Magic attribute generated for “gameId” proto field.

playerId
    Magic attribute generated for “playerId” proto field.

class pokerthproto.pokerth_pb2.ChatRejectMessage (**kwargs)
Bases: google.protobuf.message.Message

ByteSize()
CHATTEXT_FIELD_NUMBER = 1

ClearClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>

FindInitializationErrorsReturns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

static FromString(s)
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

Returns: True iff the specified message has all required fields set.

ListFieldsMergeFrom(msg)
MergeFromString(serialized)
static RegisterExtension(extension_handle)
SerializePartialToStringSerializeToStringSetInParent

```

**WhichOneof** (*oneof\_name*)  
Returns the name of the currently set field inside a oneof, or None.

**chatText**  
Magic attribute generated for “chatText” proto field.

**class** pokerthproto.pokerth\_pb2.**ChatRequestMessage** (\*\**kargs*)  
Bases: google.protobuf.message.Message

**ByteSize** ()

**CHATTEXT\_FIELD\_NUMBER** = 3

**Clear** ()

**ClearField** (*field\_name*)

**DESCRIPTOR** = <google.protobuf.descriptor.Descriptor object>

**FindInitializationErrors** ()  
Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString** (*s*)

**HasField** (*field\_name*)

**IsInitialized** (*errors=None*)  
Checks if all required fields of a message are set.

**Args:**

**errors**: A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields** ()

**MergeFrom** (*msg*)

**MergeFromString** (*serialized*)

**static RegisterExtension** (*extension\_handle*)

**SerializePartialToString** ()

**SerializeToString** ()

**SetInParent** ()  
Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**TARGETGAMEID\_FIELD\_NUMBER** = 1

**TARGETPLAYERID\_FIELD\_NUMBER** = 2

**WhichOneof** (*oneof\_name*)  
Returns the name of the currently set field inside a oneof, or None.

**chatText**  
Magic attribute generated for “chatText” proto field.

**targetGameId**  
Magic attribute generated for “targetGameId” proto field.

```
targetPlayerId
    Magic attribute generated for “targetPlayerId” proto field.

class pokerthproto.pokerth_pb2.DealFlopCardsMessage (**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FLOPCARD1_FIELD_NUMBER = 2
    FLOPCARD2_FIELD_NUMBER = 3
    FLOPCARD3_FIELD_NUMBER = 4
    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

    static FromString(s)
        GAMEID_FIELD_NUMBER = 1
    HasField(field_name)
    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required fields.

    Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

flopCard1
    Magic attribute generated for “flopCard1” proto field.

flopCard2
    Magic attribute generated for “flopCard2” proto field.

flopCard3
    Magic attribute generated for “flopCard3” proto field.
```

**gameId**

Magic attribute generated for “gameId” proto field.

**class pokerthproto.pokerth\_pb2.DealRiverCardMessage (\*\*kwargs)**

Bases: google.protobuf.message.Message

**ByteSize()**

**Clear()**

**ClearField(field\_name)**

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors()**

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString(s)**

**GAMEID\_FIELD\_NUMBER = 1**

**HasField(field\_name)**

**IsInitialized(errors=None)**

Checks if all required fields of a message are set.

**Args:**

**errors: A list which, if provided, will be populated with the field paths of all missing required fields.**

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom(msg)**

**MergeFromString(serialized)**

**RIVERCARD\_FIELD\_NUMBER = 2**

**static RegisterExtension(extension\_handle)**

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**

Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof(oneof\_name)**

Returns the name of the currently set field inside a oneof, or None.

**gameId**

Magic attribute generated for “gameId” proto field.

**riverCard**

Magic attribute generated for “riverCard” proto field.

**class pokerthproto.pokerth\_pb2.DealTurnCardMessage (\*\*kwargs)**

Bases: google.protobuf.message.Message

**ByteSize()**

**Clear()**

```

ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>

FindInitializationErrors()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.  

        “foo.bar[5].baz”.

static FromString(s)
GAMEID_FIELD_NUMBER = 1

HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

    Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()

SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

TURNCARD_FIELD_NUMBER = 2

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

gameId
    Magic attribute generated for “gameId” proto field.

turnCard
    Magic attribute generated for “turnCard” proto field.

class pokerthproto.pokerth_pb2.DialogMessage(**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    Clear()
    ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>

FindInitializationErrors()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.  

        “foo.bar[5].baz”.

```

```
static FromString(s)
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
NOTIFICATIONTEXT_FIELD_NUMBER = 1
static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

notificationText
    Magic attribute generated for “notificationText” proto field.

class pokerthproto.pokerth_pb2.EndKickPetitionMessage(**kwargs)
Bases: google.protobuf.message.Message

ByteSize()
Clear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
FindInitializationErrors()
    Finds required fields which are not initialized.

Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

static FromString(s)
GAMEID_FIELD_NUMBER = 1
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.
```

**Returns:** True iff the specified message has all required fields set.

---

```

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
NUMVOTESAGAINSTKICKING_FIELD_NUMBER = 3
NUMVOTESINFAVOIROFKICKING_FIELD_NUMBER = 4
PETITIONENDREASON_FIELD_NUMBER = 6
PETITIONID_FIELD_NUMBER = 2
PetitionEndReason = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>
RESULTPLAYERKICKED_FIELD_NUMBER = 5
static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.
WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

gameId
    Magic attribute generated for “gameId” proto field.

numVotesAgainstKicking
    Magic attribute generated for “numVotesAgainstKicking” proto field.

numVotesInFavourOfKicking
    Magic attribute generated for “numVotesInFavourOfKicking” proto field.

petitionEndEnoughVotes = 0
petitionEndPlayerLeft = 2
petitionEndReason
    Magic attribute generated for “petitionEndReason” proto field.

petitionEndTimeout = 3
petitionEndTooFewPlayers = 1
petitionId
    Magic attribute generated for “petitionId” proto field.

resultPlayerKicked
    Magic attribute generated for “resultPlayerKicked” proto field.

class pokerthproto.pokerth_pb2.EndOfGameMessage(**kwargs)
    Bases: google.protobuf.message.Message

ByteSize()
Clear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>

```

```
FindInitializationErrors()
    Finds required fields which are not initialized.

Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. "foo.bar[5].baz".

static FromString(s)
GAMEID_FIELD_NUMBER = 1

HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WINNERPLAYERID_FIELD_NUMBER = 2

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

gameId
    Magic attribute generated for "gameId" proto field.

winnerPlayerId
    Magic attribute generated for "winnerPlayerId" proto field.

class pokerthproto.pokerth_pb2.EndOfHandHideCardsMessage(**kwargs)
Bases: google.protobuf.message.Message

ByteSize()
Clear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
FindInitializationErrors()
    Finds required fields which are not initialized.

Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. "foo.bar[5].baz".

static FromString(s)
GAMEID_FIELD_NUMBER = 1
```

---

**HasField** (*field\_name*)

**IsInitialized** (*errors=None*)  
Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields** ()

**MONEYWON\_FIELD\_NUMBER = 3**

**MergeFrom** (*msg*)

**MergeFromString** (*serialized*)

**PLAYERID\_FIELD\_NUMBER = 2**

**PLAYERMONEY\_FIELD\_NUMBER = 4**

**static RegisterExtension** (*extension\_handle*)

**SerializePartialToString** ()

**SerializeToString** ()

**SetInParent** ()  
Sets the `_cached_byte_size_dirty` bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof** (*oneof\_name*)  
Returns the name of the currently set field inside a oneof, or None.

**gameId**  
Magic attribute generated for “gameId” proto field.

**moneyWon**  
Magic attribute generated for “moneyWon” proto field.

**playerId**  
Magic attribute generated for “playerId” proto field.

**playerMoney**  
Magic attribute generated for “playerMoney” proto field.

```
class pokerthproto.pokerth_pb2.EndOfHandShowCardsMessage (**kwargs)
Bases: google.protobuf.message.Message
```

**ByteSize** ()

**Clear** ()

**ClearField** (*field\_name*)

**DESCRIPTOR** = <google.protobuf.descriptor.Descriptor object>

**FindInitializationErrors** ()  
Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString** (*s*)

**GAMEID\_FIELD\_NUMBER = 1**

```
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
PLAYERRESULTS_FIELD_NUMBER = 2
static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

gameId
    Magic attribute generated for “gameId” proto field.

playerResults
    Magic attribute generated for “playerResults” proto field.

class pokerthproto.pokerth_pb2.ErrorMessage(**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    ERRORREASON_FIELD_NUMBER = 1
    ErrorReason = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>
    FindInitializationErrors()
        Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

    static FromString(s)
    HasField(field_name)
    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

    Args:
```

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom**(msg)

**MergeFromString**(serialized)

**static RegisterExtension**(extension\_handle)

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**

Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof**(oneof\_name)

Returns the name of the currently set field inside a oneof, or None.

**avatarTooLarge** = 8

**bannedFromServer** = 12

**blockedByServer** = 13

**errorReason**

Magic attribute generated for “errorReason” proto field.

**initAuthFailure** = 3

**initBlocked** = 7

**initInvalidPlayerName** = 5

**initPlayerNameInUse** = 4

**initServerFull** = 2

**initServerMaintenance** = 6

**initVersionNotSupported** = 1

**invalidPacket** = 9

**invalidState** = 10

**kickedFromServer** = 11

**reserved** = 0

**sessionTimeout** = 14

**class** pokerthproto.pokerth\_pb2.**GameAdminChangedMessage**(\*\*kwargs)

Bases: google.protobuf.message.Message

**ByteSize()**

**Clear()**

**ClearField**(field\_name)

**DESCRIPTOR** = <google.protobuf.descriptor.Descriptor object>

**FindInitializationErrors()**

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString** (*s*)  
**GAMEID\_FIELD\_NUMBER = 1**

**HasField** (*field\_name*)

**IsInitialized** (*errors=None*)

Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields** ()

**MergeFrom** (*msg*)

**MergeFromString** (*serialized*)

**NEWADMINPLAYERID\_FIELD\_NUMBER = 2**

**static RegisterExtension** (*extension\_handle*)

**SerializePartialToString** ()

**SerializeToString** ()

**SetInParent** ()

Sets the `_cached_byte_size_dirty` bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof** (*oneof\_name*)

Returns the name of the currently set field inside a oneof, or None.

**gameId**

Magic attribute generated for “gameId” proto field.

**newAdminPlayerId**

Magic attribute generated for “newAdminPlayerId” proto field.

**class pokerthproto.pokerth\_pb2.GameListAdminChangedMessage** (\*\*kwargs)

Bases: `google.protobuf.message.Message`

**ByteSize** ()

**Clear** ()

**ClearField** (*field\_name*)

**DESCRIPTOR** = <`google.protobuf.descriptor.Descriptor` object>

**FindInitializationErrors** ()

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString** (*s*)

**GAMEID\_FIELD\_NUMBER = 1**

**HasField** (*field\_name*)

**IsInitialized**(*errors=None*)

Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields**()**MergeFrom**(*msg*)**MergeFromString**(*serialized*)**NEWADMINPLAYERID\_FIELD\_NUMBER = 2****static RegisterExtension**(*extension\_handle*)**SerializePartialToString**()**SerializeToString**()**SetInParent**()

Sets the `_cached_byte_size_dirty` bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof**(*oneof\_name*)

Returns the name of the currently set field inside a oneof, or None.

**gameId**

Magic attribute generated for “gameId” proto field.

**newAdminPlayerId**

Magic attribute generated for “newAdminPlayerId” proto field.

**class pokerthproto.pokerth\_pb2.GameListNewMessage (\*\*kwargs)**

Bases: `google.protobuf.message.Message`

**ADMINPLAYERID\_FIELD\_NUMBER = 5****ByteSize**()**Clear**()**ClearField**(*field\_name*)**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>****FindInitializationErrors**()

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString**(*s*)**GAMEID\_FIELD\_NUMBER = 1****GAMEINFO\_FIELD\_NUMBER = 6****GAMEMODE\_FIELD\_NUMBER = 2****HasField**(*field\_name*)**ISPRIVATE\_FIELD\_NUMBER = 3**

**IsInitialized**(*errors=None*)

Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields**()

**MergeFrom**(*msg*)

**MergeFromString**(*serialized*)

**PLAYERIDS\_FIELD\_NUMBER = 4**

**static RegisterExtension**(*extension\_handle*)

**SPECTATORIDS\_FIELD\_NUMBER = 7**

**SerializePartialToString**()

**SerializeToString**()

**SetInParent**()

Sets the `_cached_byte_size_dirty` bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof**(*oneof\_name*)

Returns the name of the currently set field inside a oneof, or None.

**adminPlayerId**

Magic attribute generated for “adminPlayerId” proto field.

**gameId**

Magic attribute generated for “gameId” proto field.

**gameInfo**

Magic attribute generated for “gameInfo” proto field.

**gameMode**

Magic attribute generated for “gameMode” proto field.

**isPrivate**

Magic attribute generated for “isPrivate” proto field.

**playerIds**

Magic attribute generated for “playerIds” proto field.

**spectatorIds**

Magic attribute generated for “spectatorIds” proto field.

**class pokerthproto.pokerth\_pb2.GameListPlayerJoinedMessage(\*\*kwargs)**

Bases: `google.protobuf.message.Message`

**ByteSize**()

**Clear**()

**ClearField**(*field\_name*)

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors**()

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

```
static FromString (s)
GAMEID_FIELD_NUMBER = 1
```

**HasField** (field\_name)

**IsInitialized** (errors=None)

Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields** ()

**MergeFrom** (msg)

**MergeFromString** (serialized)

**PLAYERID\_FIELD\_NUMBER = 2**

**static RegisterExtension** (extension\_handle)

**SerializePartialToString** ()

**SerializeToString** ()

**SetInParent** ()

Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof** (oneof\_name)

Returns the name of the currently set field inside a oneof, or None.

**gameId**

Magic attribute generated for “gameId” proto field.

**playerId**

Magic attribute generated for “playerId” proto field.

```
class pokerthproto.pokerth_pb2.GameListPlayerLeftMessage (**kwargs)
```

Bases: google.protobuf.message.Message

**ByteSize** ()

**Clear** ()

**ClearField** (field\_name)

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors** ()

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString** (s)

**GAMEID\_FIELD\_NUMBER = 1**

**HasField** (field\_name)

**IsInitialized**(*errors=None*)

Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields**()

**MergeFrom**(*msg*)

**MergeFromString**(*serialized*)

**PLAYERID\_FIELD\_NUMBER = 2**

**static RegisterExtension**(*extension\_handle*)

**SerializePartialToString**()

**SerializeToString**()

**SetInParent**()

Sets the `_cached_byte_size_dirty` bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof**(*oneof\_name*)

Returns the name of the currently set field inside a oneof, or None.

**gameId**

Magic attribute generated for “gameId” proto field.

**playerId**

Magic attribute generated for “playerId” proto field.

**class pokerthproto.pokerth\_pb2.GameListSpectatorJoinedMessage (\*\*kwargs)**

Bases: `google.protobuf.message.Message`

**ByteSize**()

**Clear**()

**ClearField**(*field\_name*)

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors**()

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString**(*s*)

**GAMEID\_FIELD\_NUMBER = 1**

**HasField**(*field\_name*)

**IsInitialized**(*errors=None*)

Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

---

```

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
PLAYERID_FIELD_NUMBER = 2
static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

gameId
    Magic attribute generated for “gameId” proto field.

playerId
    Magic attribute generated for “playerId” proto field.

class pokerthproto.pokerth_pb2.GameListSpectatorLeftMessage(**kwargs)
    Bases: google.protobuf.message.Message

        ByteSize()
        Clear()
        ClearField(field_name)
        DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
        FindInitializationErrors()
            Finds required fields which are not initialized.

            Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.  
“foo.bar[5].baz”.

        static FromString(s)
        GAMEID_FIELD_NUMBER = 1
        HasField(field_name)
        IsInitialized(errors=None)
            Checks if all required fields of a message are set.

            Args:
                errors: A list which, if provided, will be populated with the field paths of all missing required fields.

            Returns: True iff the specified message has all required fields set.

        ListFields()
        MergeFrom(msg)
        MergeFromString(serialized)
        PLAYERID_FIELD_NUMBER = 2
        static RegisterExtension(extension_handle)

```

```
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.
WhichOneof (oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

gameId
    Magic attribute generated for “gameId” proto field.

playerId
    Magic attribute generated for “playerId” proto field.

class pokerthproto.pokerth_pb2.GameListUpdateMessage (**kwargs)
    Bases: google.protobuf.message.Message

        ByteSize()
        Clear()
        ClearField (field_name)
        DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
        FindInitializationErrors()
            Finds required fields which are not initialized.

            Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.
            “foo.bar[5].baz”.

        static FromString (s)
            GAMEID_FIELD_NUMBER = 1
            GAMEMODE_FIELD_NUMBER = 2

        HasField (field_name)
        IsInitialized (errors=None)
            Checks if all required fields of a message are set.

            Args:
                errors: A list which, if provided, will be populated with the field paths of all missing required
                fields.

            Returns: True iff the specified message has all required fields set.

        ListFields()
        MergeFrom (msg)
        MergeFromString (serialized)
        static RegisterExtension (extension_handle)
        SerializePartialToString()
        SerializeToString()
        SetInParent()
            Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.
        WhichOneof (oneof_name)
            Returns the name of the currently set field inside a oneof, or None.
```

---

**gameId**  
Magic attribute generated for “gameId” proto field.

**gameMode**  
Magic attribute generated for “gameMode” proto field.

```
class pokerthproto.pokerth_pb2.GamePlayerJoinedMessage(**kwargs)
Bases: google.protobuf.message.Message
```

**ByteSize()**

**Clear()**

**ClearField(*field\_name*)**

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors()**  
Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString(*s*)**

**GAMEID\_FIELD\_NUMBER = 1**

**HasField(*field\_name*)**

**ISGAMEADMIN\_FIELD\_NUMBER = 3**

**IsInitialized(*errors=None*)**  
Checks if all required fields of a message are set.

**Args:**

**errors: A list which, if provided, will be populated with the field paths of all missing required fields.**

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom(*msg*)**

**MergeFromString(*serialized*)**

**PLAYERID\_FIELD\_NUMBER = 2**

**static RegisterExtension(*extension\_handle*)**

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**  
Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof(*oneof\_name*)**  
Returns the name of the currently set field inside a oneof, or None.

**gameId**  
Magic attribute generated for “gameId” proto field.

**isGameAdmin**  
Magic attribute generated for “isGameAdmin” proto field.

**playerId**

Magic attribute generated for “playerId” proto field.

**class pokerthproto.pokerth\_pb2.GamePlayerLeftMessage (\*\*kwargs)**

Bases: google.protobuf.message.Message

**ByteSize()**

**Clear()**

**ClearField(field\_name)**

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors()**

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString(s)**

**GAMEID\_FIELD\_NUMBER = 1**

**GAMEPLAYERLEFTREASON\_FIELD\_NUMBER = 3**

**GamePlayerLeftReason = <google.protobuf.internal.enum\_type\_wrapper.EnumTypeWrapper object>**

**HasField(field\_name)**

**IsInitialized(errors=None)**

Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom(msg)**

**MergeFromString(serialized)**

**PLAYERID\_FIELD\_NUMBER = 2**

**static RegisterExtension(extension\_handle)**

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**

Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof(oneof\_name)**

Returns the name of the currently set field inside a oneof, or None.

**gameId**

Magic attribute generated for “gameId” proto field.

**gamePlayerLeftReason**

Magic attribute generated for “gamePlayerLeftReason” proto field.

**leftError = 2**

```
leftKicked = 1
leftOnRequest = 0
playerId
    Magic attribute generated for "playerId" proto field.

class pokerthproto.pokerth_pb2.GameSpectatorJoinedMessage (**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. "foo.bar[5].baz".

    static FromString(s)
    GAMEID_FIELD_NUMBER = 1
    HasField(field_name)
    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required fields.

        Returns: True iff the specified message has all required fields set.

    ListFields()
    MergeFrom(msg)
    MergeFromString(serialized)
    PLAYERID_FIELD_NUMBER = 2
    static RegisterExtension(extension_handle)
    SerializePartialToString()
    SerializeToString()
    SetInParent()
        Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

    WhichOneof(oneof_name)
        Returns the name of the currently set field inside a oneof, or None.

    gameId
        Magic attribute generated for "gameId" proto field.

    playerId
        Magic attribute generated for "playerId" proto field.

class pokerthproto.pokerth_pb2.GameSpectatorLeftMessage (**kwargs)
    Bases: google.protobuf.message.Message
```

```
ByteSize()
Clear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
FindInitializationErrors()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.
        "foo.bar[5].baz".

static FromString(s)
GAMEID_FIELD_NUMBER = 1
GAMESPECTATORLEFTREASON_FIELD_NUMBER = 3
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

    Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
PLAYERID_FIELD_NUMBER = 2
static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

gameId
    Magic attribute generated for "gameId" proto field.

gameSpectatorLeftReason
    Magic attribute generated for "gameSpectatorLeftReason" proto field.

playerId
    Magic attribute generated for "playerId" proto field.

class pokerthproto.pokerth_pb2.GameStartInitialMessage(**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    Clear()
```

```
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
FindInitializationErrors()
    Finds required fields which are not initialized.

Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.  
“foo.bar[5].baz”.

static FromString(s)
GAMEID_FIELD_NUMBER = 1

HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
PLAYERSEATS_FIELD_NUMBER = 3
static RegisterExtension(extension_handle)
STARTDEALERPLAYERID_FIELD_NUMBER = 2
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

gameId
    Magic attribute generated for “gameId” proto field.

playerSeats
    Magic attribute generated for “playerSeats” proto field.

startDealerPlayerId
    Magic attribute generated for “startDealerPlayerId” proto field.

class pokerthproto.pokerth_pb2.GameStartRejoinMessage(**kwargs)
Bases: google.protobuf.message.Message

ByteSize()
Clear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
```

```
FindInitializationErrors()
    Finds required fields which are not initialized.

Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

static FromString(s)

GAMEID_FIELD_NUMBER = 1
HANDNUM_FIELD_NUMBER = 3

HasField(field_name)

IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

Returns: True iff the specified message has all required fields set.

ListFields()

MergeFrom(msg)

MergeFromString(serialized)

REJOINPLAYERDATA_FIELD_NUMBER = 4

static RegisterExtension(extension_handle)

class RejoinPlayerData(**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()

    Clear()

    ClearField(field_name)

    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>

    FindInitializationErrors()
        Finds required fields which are not initialized.
        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

    static FromString(s)

    HasField(field_name)

    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required fields.
        Returns: True iff the specified message has all required fields set.

ListFields()

MergeFrom(msg)

MergeFromString(serialized)
```

```

PLAYERID_FIELD_NUMBER = 1
PLAYERMONEY_FIELD_NUMBER = 2
static RegisterExtension (extension_handle)
SerializePartialToString ()
SerializeToString ()
SetInParent ()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof (oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

playerId
    Magic attribute generated for “playerId” proto field.

playerMoney
    Magic attribute generated for “playerMoney” proto field.

GameStartRejoinMessage.STARTDEALERPLAYERID_FIELD_NUMBER = 2
GameStartRejoinMessage.SerializePartialToString ()
GameStartRejoinMessage.SerializeToString ()
GameStartRejoinMessage.SetInParent ()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

GameStartRejoinMessage.WhichOneof (oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

GameStartRejoinMessage.gameId
    Magic attribute generated for “gameId” proto field.

GameStartRejoinMessage.handNum
    Magic attribute generated for “handNum” proto field.

GameStartRejoinMessage.rejoinPlayerData
    Magic attribute generated for “rejoinPlayerData” proto field.

GameStartRejoinMessage.startDealerPlayerId
    Magic attribute generated for “startDealerPlayerId” proto field.

class pokerthproto.pokerth_pb2.HandStartMessage (**kwargs)
Bases: google.protobuf.message.Message

ByteSize ()
Clear ()
ClearField (field_name)
DEALERPLAYERID_FIELD_NUMBER = 6
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
ENCRYPTEDCARDS_FIELD_NUMBER = 3
FindInitializationErrors ()
    Finds required fields which are not initialized.

Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

```

```
static FromString(s)
GAMEID_FIELD_NUMBER = 1
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
PLAINCARDS_FIELD_NUMBER = 2
class PlainCards(**kwargs)
    Bases: google.protobuf.message.Message
    ByteSizeClearClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FindInitializationErrorsReturns: A list of strings. Each string is a path to an uninitialized field from the top-level message,
        e.g. "foo.bar[5].baz".

static FromString(s)
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
PLAINCARD1_FIELD_NUMBER = 1
PLAINCARD2_FIELD_NUMBER = 2
static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()
```

```
SetInParent ()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof (oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

plainCard1
    Magic attribute generated for “plainCard1” proto field.

plainCard2
    Magic attribute generated for “plainCard2” proto field.

static HandStartMessage.RegisterExtension (extension_handle)
HandStartMessage.SEATSTATES_FIELD_NUMBER = 5
HandStartMessage.SMALLBLIND_FIELD_NUMBER = 4
HandStartMessage.SerializePartialToString ()
HandStartMessage.SerializeToString ()
HandStartMessage.SetInParent ()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

HandStartMessage.WhichOneof (oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

HandStartMessage.dealerPlayerId
    Magic attribute generated for “dealerPlayerId” proto field.

HandStartMessage.encryptedCards
    Magic attribute generated for “encryptedCards” proto field.

HandStartMessage.gameId
    Magic attribute generated for “gameId” proto field.

HandStartMessage.plainCards
    Magic attribute generated for “plainCards” proto field.

HandStartMessage.seatStates
    Magic attribute generated for “seatStates” proto field.

HandStartMessage.smallBlind
    Magic attribute generated for “smallBlind” proto field.

class pokerthproto.pokerth_pb2.InitAckMessage (**kwargs)
Bases: google.protobuf.message.Message

ByteSize ()
Clear ()
ClearField (field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
FindInitializationErrors ()
    Finds required fields which are not initialized.

Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

static FromString (s)
```

```
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
REJOINGAMEID_FIELD_NUMBER = 4
static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

YOURAVATARHASH_FIELD_NUMBER = 3
YOURPLAYERID_FIELD_NUMBER = 2
YOURSSESSIONID_FIELD_NUMBER = 1

rejoinGameId
    Magic attribute generated for “rejoinGameId” proto field.

yourAvatarHash
    Magic attribute generated for “yourAvatarHash” proto field.

yourPlayerId
    Magic attribute generated for “yourPlayerId” proto field.

yourSessionId
    Magic attribute generated for “yourSessionId” proto field.

class pokerthproto.pokerth_pb2.InitMessage(**kwargs)
Bases: google.protobuf.message.Message

AUTHSERVERPASSWORD_FIELD_NUMBER = 4
AVATARHASH_FIELD_NUMBER = 8
BUILDDID_FIELD_NUMBER = 2
ByteSize()
CLIENTUSERDATA_FIELD_NUMBER = 7
Clear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
```

**FindInitializationErrors()**  
Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString(s)**

**HasField(field\_name)**

**IsInitialized(errors=None)**  
Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**LOGIN\_FIELD\_NUMBER = 5**

**ListFields()**

**LoginType = <google.protobuf.internal.enum\_type\_wrapper.EnumTypeWrapper object>**

**MYLASTSESSIONID\_FIELD\_NUMBER = 3**

**MergeFrom(msg)**

**MergeFromString(serialized)**

**NICKNAME\_FIELD\_NUMBER = 6**

**REQUESTEDVERSION\_FIELD\_NUMBER = 1**

**static RegisterExtension(extension\_handle)**

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**  
Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof(oneof\_name)**  
Returns the name of the currently set field inside a oneof, or None.

**authServerPassword**  
Magic attribute generated for “authServerPassword” proto field.

**authenticatedLogin = 1**

**avatarHash**  
Magic attribute generated for “avatarHash” proto field.

**buildId**  
Magic attribute generated for “buildId” proto field.

**clientUserData**  
Magic attribute generated for “clientUserData” proto field.

**guestLogin = 0**

**login**  
Magic attribute generated for “login” proto field.

```
myLastSessionId
    Magic attribute generated for “myLastSessionId” proto field.

nickName
    Magic attribute generated for “nickName” proto field.

requestedVersion
    Magic attribute generated for “requestedVersion” proto field.

unauthenticatedLogin = 2

class pokerthproto.pokerth_pb2.InviteNotifyMessage (**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

    static FromString(s)
    GAMEID_FIELD_NUMBER = 1
    HasField(field_name)
    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required fields.

        Returns: True iff the specified message has all required fields set.

    ListFields()
    MergeFrom(msg)
    MergeFromString(serialized)
    PLAYERIDBYWHOM_FIELD_NUMBER = 3
    PLAYERIDWHO_FIELD_NUMBER = 2
    static RegisterExtension(extension_handle)
    SerializePartialToString()
    SerializeToString()
    SetInParent()
        Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

    WhichOneof(oneof_name)
        Returns the name of the currently set field inside a oneof, or None.

    gameId
        Magic attribute generated for “gameId” proto field.
```

**playerIdByWhom**  
Magic attribute generated for “playerIdByWhom” proto field.

**playerIdWho**  
Magic attribute generated for “playerIdWho” proto field.

**class** pokerthproto.pokerth\_pb2.**InvitePlayerToGameMessage** (\*\*kwargs)  
Bases: google.protobuf.message.Message

**ByteSize()**

**Clear()**

**ClearField**(*field\_name*)

**DESCRIPTOR** = <google.protobuf.descriptor.Descriptor object>

**FindInitializationErrors()**  
Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString**(*s*)

**GAMEID\_FIELD\_NUMBER** = 1

**HasField**(*field\_name*)

**IsInitialized**(*errors=None*)  
Checks if all required fields of a message are set.

**Args:**

**errors**: A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom**(*msg*)

**MergeFromString**(*serialized*)

**PLAYERID\_FIELD\_NUMBER** = 2

**static RegisterExtension**(*extension\_handle*)

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**  
Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof**(*oneof\_name*)  
Returns the name of the currently set field inside a oneof, or None.

**gameId**  
Magic attribute generated for “gameId” proto field.

**playerId**  
Magic attribute generated for “playerId” proto field.

**class** pokerthproto.pokerth\_pb2.**JoinExistingGameMessage** (\*\*kwargs)  
Bases: google.protobuf.message.Message

```
AUTOLEAVE_FIELD_NUMBER = 3
ByteSize()
Clear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
FindInitializationErrors()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.
        "foo.bar[5].baz".

static FromString(s)
GAMEID_FIELD_NUMBER = 1
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required
        fields.

    Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
PASSWORD_FIELD_NUMBER = 2
static RegisterExtension(extension_handle)
SPECTATEONLY_FIELD_NUMBER = 4
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

autoLeave
    Magic attribute generated for "autoLeave" proto field.

gameId
    Magic attribute generated for "gameId" proto field.

password
    Magic attribute generated for "password" proto field.

spectateOnly
    Magic attribute generated for "spectateOnly" proto field.

class pokerthproto.pokerth_pb2.JoinGameAckMessage(**kwargs)
Bases: google.protobuf.message.Message
```

```
AREYOUGAMEADMIN_FIELD_NUMBER = 2
ByteSize()
Clear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
FindInitializationErrors()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.
        "foo.bar[5].baz".

static FromString(s)
GAMEID_FIELD_NUMBER = 1
GAMEINFO_FIELD_NUMBER = 3
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required
            fields.

    Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
static RegisterExtension(extension_handle)
SPECTATEONLY_FIELD_NUMBER = 4
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

areYouGameAdmin
    Magic attribute generated for "areYouGameAdmin" proto field.

gameId
    Magic attribute generated for "gameId" proto field.

gameInfo
    Magic attribute generated for "gameInfo" proto field.

spectateOnly
    Magic attribute generated for "spectateOnly" proto field.

class pokerthproto.pokerth_pb2.JoinGameFailedMessage(**kwargs)
Bases: google.protobuf.message.Message
```

```
ByteSize()
Clear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
FindInitializationErrors()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.
        "foo.bar[5].baz".

static FromString(s)
GAMEID_FIELD_NUMBER = 1
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required fields.

    Returns: True iff the specified message has all required fields set.

JOINGAMEFAILUREREASON_FIELD_NUMBER = 2
JoinGameFailureReason = <google.protobuf.internal.enum_type_wrapper.Enumeration object>
ListFields()
MergeFrom(msg)
MergeFromString(serialized)
static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

badGameName = 8
gameId
    Magic attribute generated for "gameId" proto field.

gameIsFull = 2
gameIsRunning = 3
gameNameInUse = 7
invalidGame = 1
invalidPassword = 4
invalidSettings = 9
```

```

ipAddressBlocked = 10
joinGameFailureReason
    Magic attribute generated for “joinGameFailureReason” proto field.

noSpectatorsAllowed = 12
notAllowedAsGuest = 5
notInvited = 6
rejoinFailed = 11

class pokerthproto.pokerth_pb2.JoinNewGameMessage (**kwargs)
    Bases: google.protobuf.message.Message

    AUTOLEAVE_FIELD_NUMBER = 3

    ByteSize()
    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

    static FromString(s)
    GAMEINFO_FIELD_NUMBER = 1

    HasField(field_name)
    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

        Args:
            errors: A list which, if provided, will be populated with the field paths of all missing required fields.

        Returns: True iff the specified message has all required fields set.

    ListFields()
    MergeFrom(msg)
    MergeFromString(serialized)
    PASSWORD_FIELD_NUMBER = 2
    static RegisterExtension(extension_handle)
    SerializePartialToString()
    SerializeToString()
    SetInParentWhichOneof(oneof_name)
        Returns the name of the currently set field inside a oneof, or None.

```

```
autoLeave
    Magic attribute generated for “autoLeave” proto field.

gameInfo
    Magic attribute generated for “gameInfo” proto field.

password
    Magic attribute generated for “password” proto field.

class pokerthproto.pokerth_pb2.KickPetitionUpdateMessage (**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

    static FromString(s)
        GAMEID_FIELD_NUMBER = 1

    HasField(field_name)
    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

        Args:
            errors: A list which, if provided, will be populated with the field paths of all missing required fields.

        Returns: True iff the specified message has all required fields set.

    ListFields()
    MergeFrom(msg)
    MergeFromString(serialized)
        NUMVOTESAGAINSTKICKING_FIELD_NUMBER = 3
        NUMVOTESINFAVOUROFKICKING_FIELD_NUMBER = 4
        NUMVOTESNEEDED TOKICK_FIELD_NUMBER = 5
        PETITIONID_FIELD_NUMBER = 2

    static RegisterExtension(extension_handle)
    SerializePartialToString()
    SerializeToString()

    SetInParent()
        Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

    WhichOneof(oneof_name)
        Returns the name of the currently set field inside a oneof, or None.
```

**gameId**  
Magic attribute generated for “gameId” proto field.

**numVotesAgainstKicking**  
Magic attribute generated for “numVotesAgainstKicking” proto field.

**numVotesInFavourOfKicking**  
Magic attribute generated for “numVotesInFavourOfKicking” proto field.

**numVotesNeededToKick**  
Magic attribute generated for “numVotesNeededToKick” proto field.

**petitionId**  
Magic attribute generated for “petitionId” proto field.

**class pokerthproto.pokerth\_pb2.KickPlayerRequestMessage (\*\*kwargs)**  
Bases: google.protobuf.message.Message

**ByteSize()**

**Clear()**

**ClearField(field\_name)**

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors()**  
Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString(s)**

**GAMEID\_FIELD\_NUMBER = 1**

**HasField(field\_name)**

**IsInitialized(errors=None)**  
Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom(msg)**

**MergeFromString(serialized)**

**PLAYERID\_FIELD\_NUMBER = 2**

**static RegisterExtension(extension\_handle)**

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**  
Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof(oneof\_name)**  
Returns the name of the currently set field inside a oneof, or None.

**gameId**  
Magic attribute generated for “gameId” proto field.

**playerId**  
Magic attribute generated for “playerId” proto field.

**class** pokerthproto.pokerth\_pb2.LeaveGameRequestMessage (\*\*kwargs)  
Bases: google.protobuf.message.Message

**ByteSize()**

**Clear()**

**ClearField**(*field\_name*)

**DESCRIPTOR** = <google.protobuf.descriptor.Descriptor object>

**FindInitializationErrors()**  
Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString**(*s*)

**GAMEID\_FIELD\_NUMBER** = 1

**HasField**(*field\_name*)

**IsInitialized**(*errors=None*)  
Checks if all required fields of a message are set.

**Args:**

**errors**: A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom**(*msg*)

**MergeFromString**(*serialized*)

**static RegisterExtension**(*extension\_handle*)

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**  
Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof**(*oneof\_name*)  
Returns the name of the currently set field inside a oneof, or None.

**gameId**  
Magic attribute generated for “gameId” proto field.

**class** pokerthproto.pokerth\_pb2.MyActionRequestMessage (\*\*kwargs)  
Bases: google.protobuf.message.Message

**ByteSize()**

**Clear()**

**ClearField**(*field\_name*)

```
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>

FindInitializationErrors()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. "foo.bar[5].baz".

static FromString(s)

GAME_ID_FIELD_NUMBER = 1
GAMESTATE_FIELD_NUMBER = 3
HANDNUM_FIELD_NUMBER = 2

HasField(field_name)

IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

    Returns: True iff the specified message has all required fields set.

ListFields()

MYACTION_FIELD_NUMBER = 4
MYRELATIVEBET_FIELD_NUMBER = 5

MergeFrom(msg)
MergeFromString(serialized)
static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()

SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

gameId
    Magic attribute generated for "gameId" proto field.

gameState
    Magic attribute generated for "gameState" proto field.

handNum
    Magic attribute generated for "handNum" proto field.

myAction
    Magic attribute generated for "myAction" proto field.

myRelativeBet
    Magic attribute generated for "myRelativeBet" proto field.

class pokerthproto.pokerth_pb2.NetGameInfo(**kwargs)
    Bases: google.protobuf.message.Message
```

```
ALLOWSPETATORS_FIELD_NUMBER = 15
ByteSize()
Clear()
ClearField(field_name)
DELAYBETWEENHANDS_FIELD_NUMBER = 10
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
ENDRAISEMODE_FIELD_NUMBER = 7
ENDRAISESMALLBLINDVALUE_FIELD_NUMBER = 8
EndRaiseMode = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>
FIRSTSMALLBLIND_FIELD_NUMBER = 12
FindInitializationErrors()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.  
“foo.bar[5].baz”.

static FromString(s)
GAMENAME_FIELD_NUMBER = 1
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

    Returns: True iff the specified message has all required fields set.

ListFields()
MANUALBLINDS_FIELD_NUMBER = 14
MAXNUMPLAYERS_FIELD_NUMBER = 3
MergeFrom(msg)
MergeFromString(serialized)
NETGAMETYPE_FIELD_NUMBER = 2
NetGameType = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>
PLAYERACTIONTIMEOUT_FIELD_NUMBER = 11
PROPOSEDGUISPEED_FIELD_NUMBER = 9
RAISEEVERYHANDS_FIELD_NUMBER = 5
RAISEEVERYMINUTES_FIELD_NUMBER = 6
RAISEINTERVALMODE_FIELD_NUMBER = 4
RaiseIntervalMode = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>
static RegisterExtension(extension_handle)
```

**STARTMONEY\_FIELD\_NUMBER = 13**

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**  
Sets the `_cached_byte_size_dirty` bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof(*oneof\_name*)**  
Returns the name of the currently set field inside a oneof, or None.

**allowSpectators**  
Magic attribute generated for “allowSpectators” proto field.

**delayBetweenHands**  
Magic attribute generated for “delayBetweenHands” proto field.

**doubleBlinds = 1**

**endRaiseMode**  
Magic attribute generated for “endRaiseMode” proto field.

**endRaiseSmallBlindValue**  
Magic attribute generated for “endRaiseSmallBlindValue” proto field.

**firstSmallBlind**  
Magic attribute generated for “firstSmallBlind” proto field.

**gameName**  
Magic attribute generated for “gameName” proto field.

**inviteOnlyGame = 3**

**keepLastBlind = 3**

**manualBlinds**  
Magic attribute generated for “manualBlinds” proto field.

**maxNumPlayers**  
Magic attribute generated for “maxNumPlayers” proto field.

**netGameType**  
Magic attribute generated for “netGameType” proto field.

**normalGame = 1**

**playerActionTimeout**  
Magic attribute generated for “playerActionTimeout” proto field.

**proposedGuiSpeed**  
Magic attribute generated for “proposedGuiSpeed” proto field.

**raiseByEndValue = 2**

**raiseEveryHands**  
Magic attribute generated for “raiseEveryHands” proto field.

**raiseEveryMinutes**  
Magic attribute generated for “raiseEveryMinutes” proto field.

**raiseIntervalMode**  
Magic attribute generated for “raiseIntervalMode” proto field.

**raiseOnHandNum = 1**

```
raiseOnMinutes = 2
rankingGame = 4
registeredOnlyGame = 2
startMoney
    Magic attribute generated for “startMoney” proto field.

class pokerthproto.pokerth_pb2.PlayerIdChangedMessage(**kwargs)
Bases: google.protobuf.message.Message

ByteSize()
Clear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
FindInitializationErrors()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.
        “foo.bar[5].baz”.

static FromString(s)
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required
        fields.

    Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
NEWPLAYERID_FIELD_NUMBER = 2
OLDPLAYERID_FIELD_NUMBER = 1
static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

newPlayerId
    Magic attribute generated for “newPlayerId” proto field.

oldPlayerId
    Magic attribute generated for “oldPlayerId” proto field.
```

```

class pokerthproto.pokerth_pb2.PlayerInfoReplyMessage (**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. "foo.bar[5].baz".

    static FromString(s)
    HasField(field_name)
    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required fields.

        Returns: True iff the specified message has all required fields set.

    ListFields()
    MergeFrom(msg)
    MergeFromString(serialized)
    PLAYERID_FIELD_NUMBER = 1
    PLAYERINFODATA_FIELD_NUMBER = 2
    class PlayerInfoData(**kwargs)
        Bases: google.protobuf.message.Message

        AVATARDATA_FIELD_NUMBER = 5
        class AvatarData(**kwargs)
            Bases: google.protobuf.message.Message

            AVATARHASH_FIELD_NUMBER = 2
            AVATARTYPE_FIELD_NUMBER = 1

            ByteSize()
            Clear()
            ClearField(field_name)
            DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
            FindInitializationErrors()
                Finds required fields which are not initialized.

                Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. "foo.bar[5].baz".

            static FromString(s)

```

```
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.
    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required fields.
    Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

avatarHash
    Magic attribute generated for “avatarHash” proto field.

avatarType
    Magic attribute generated for “avatarType” proto field.

PlayerInfoReplyMessage.PlayerInfoData.ByteSize()
PlayerInfoReplyMessage.PlayerInfoData.COUNTRYCODE_FIELD_NUMBER = 4
PlayerInfoReplyMessage.PlayerInfoData.Clear()
PlayerInfoReplyMessage.PlayerInfoData.ClearField(field_name)
PlayerInfoReplyMessage.PlayerInfoData.DESCRIPTOR = <google.protobuf.descriptor.Descriptor object at
PlayerInfoReplyMessage.PlayerInfoData.FindInitializationErrors()
    Finds required fields which are not initialized.
    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

static PlayerInfoReplyMessage.PlayerInfoData.FromString(s)
PlayerInfoReplyMessage.PlayerInfoData.HasField(field_name)
PlayerInfoReplyMessage.PlayerInfoData.ISHUMAN_FIELD_NUMBER = 2
PlayerInfoReplyMessage.PlayerInfoData.IsInitialized(errors=None)
    Checks if all required fields of a message are set.
    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required fields.
    Returns: True iff the specified message has all required fields set.

PlayerInfoReplyMessage.PlayerInfoData.ListFields()
PlayerInfoReplyMessage.PlayerInfoData.MergeFrom(msg)
```

```

PlayerInfoReplyMessage.PlayerInfoData.MergeFromString(serialized)
PlayerInfoReplyMessage.PlayerInfoData.PLAYERNAME_FIELD_NUMBER = 1
PlayerInfoReplyMessage.PlayerInfoData.PLAYERRIGHTS_FIELD_NUMBER = 3
static PlayerInfoReplyMessage.PlayerInfoData.RegisterExtension(extension_handle)
PlayerInfoReplyMessage.PlayerInfoData.SerializePartialToString()
PlayerInfoReplyMessage.PlayerInfoData.SerializeToString()
PlayerInfoReplyMessage.PlayerInfoData.SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state
    change.

PlayerInfoReplyMessage.PlayerInfoData.WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

PlayerInfoReplyMessage.PlayerInfoData.avatarData
    Magic attribute generated for “avatarData” proto field.

PlayerInfoReplyMessage.PlayerInfoData.countryCode
    Magic attribute generated for “countryCode” proto field.

PlayerInfoReplyMessage.PlayerInfoData.isHuman
    Magic attribute generated for “isHuman” proto field.

PlayerInfoReplyMessage.PlayerInfoData.playerName
    Magic attribute generated for “playerName” proto field.

PlayerInfoReplyMessage.PlayerInfoData.playerRights
    Magic attribute generated for “playerRights” proto field.

static PlayerInfoReplyMessage.RegisterExtension(extension_handle)
PlayerInfoReplyMessage.SerializePartialToString()

PlayerInfoReplyMessage.SerializeToString()

PlayerInfoReplyMessage.SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

PlayerInfoReplyMessage.WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

PlayerInfoReplyMessage.playerId
    Magic attribute generated for “playerId” proto field.

PlayerInfoReplyMessage.playerInfoData
    Magic attribute generated for “playerInfoData” proto field.

class pokerthproto.pokerth_pb2.PlayerInfoRequestMessage(**kwargs)
Bases: google.protobuf.message.Message

ByteSize()
Clear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
FindInitializationErrors()
    Finds required fields which are not initialized.

```

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString** (*s*)

**HasField** (*field\_name*)

**IsInitialized** (*errors=None*)

Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields** ()

**MergeFrom** (*msg*)

**MergeFromString** (*serialized*)

**PLAYERID\_FIELD\_NUMBER = 1**

**static RegisterExtension** (*extension\_handle*)

**SerializePartialToString** ()

**SerializeToString** ()

**SetInParent** ()

Sets the `_cached_byte_size_dirty` bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof** (*oneof\_name*)

Returns the name of the currently set field inside a oneof, or None.

**playerId**

Magic attribute generated for “playerId” proto field.

**class pokerthproto.pokerth\_pb2.PlayerListMessage (\*\*kwargs)**

Bases: `google.protobuf.message.Message`

**ByteSize** ()

**Clear** ()

**ClearField** (*field\_name*)

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors** ()

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString** (*s*)

**HasField** (*field\_name*)

**IsInitialized** (*errors=None*)

Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom(*msg*)**

**MergeFromString(*serialized*)**

**PLAYERID\_FIELD\_NUMBER = 1**

**PLAYERLISTNOTIFICATION\_FIELD\_NUMBER = 2**

**PlayerListNotification = <google.protobuf.internal.enum\_type\_wrapper.EnumTypeWrapper object>**

**static RegisterExtension(*extension\_handle*)**

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**  
Sets the `_cached_byte_size_dirty` bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof(*oneof\_name*)**  
Returns the name of the currently set field inside a oneof, or None.

**playerId**  
Magic attribute generated for “playerId” proto field.

**playerListLeft = 1**

**playerListNew = 0**

**playerListNotification**  
Magic attribute generated for “playerListNotification” proto field.

---

**class pokerthproto.pokerth\_pb2.PlayerResult(\*\*kwargs)**  
Bases: `google.protobuf.message.Message`

**BESTHANDPOSITION\_FIELD\_NUMBER = 4**

**ByteSize()**

**CARDSVALUE\_FIELD\_NUMBER = 7**

**Clear()**

**ClearField(*field\_name*)**

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors()**  
Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “`foo.bar[5].baz`”.

**static FromString(*s*)**

**HasField(*field\_name*)**

**IsInitialized(*errors=None*)**  
Checks if all required fields of a message are set.

**Args:**

**errors: A list which, if provided, will be populated with the field paths of all missing required fields.**

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MONEYWON\_FIELD\_NUMBER = 5**

**MergeFrom(msg)**

**MergeFromString(serialized)**

**PLAYERID\_FIELD\_NUMBER = 1**

**PLAYERMONEY\_FIELD\_NUMBER = 6**

**RESULTCARD1\_FIELD\_NUMBER = 2**

**RESULTCARD2\_FIELD\_NUMBER = 3**

**static RegisterExtension(extension\_handle)**

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**

Sets the `_cached_byte_size_dirty` bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof(oneof\_name)**

Returns the name of the currently set field inside a oneof, or None.

**bestHandPosition**

Magic attribute generated for “bestHandPosition” proto field.

**cardsValue**

Magic attribute generated for “cardsValue” proto field.

**moneyWon**

Magic attribute generated for “moneyWon” proto field.

**playerId**

Magic attribute generated for “playerId” proto field.

**playerMoney**

Magic attribute generated for “playerMoney” proto field.

**resultCard1**

Magic attribute generated for “resultCard1” proto field.

**resultCard2**

Magic attribute generated for “resultCard2” proto field.

**class pokerthproto.pokerth\_pb2.PlayersActionDoneMessage(\*\*kwargs)**

Bases: `google.protobuf.message.Message`

**ByteSize()**

**Clear()**

**ClearField(field\_name)**

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors()**

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

```
static FromString(s)
GAMEID_FIELD_NUMBER = 1
GAMESTATE_FIELD_NUMBER = 3
HIGHESTSET_FIELD_NUMBER = 7
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

Returns: True iff the specified message has all required fields set.

ListFields()
MINIMUMRAISE_FIELD_NUMBER = 8
MergeFrom(msg)
MergeFromString(serialized)

PLAYERACTION_FIELD_NUMBER = 4
PLAYERID_FIELD_NUMBER = 2
PLAYERMONEY_FIELD_NUMBER = 6
static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()

SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

TOTALPLAYERBET_FIELD_NUMBER = 5
WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

gameId
    Magic attribute generated for “gameId” proto field.

gameState
    Magic attribute generated for “gameState” proto field.

highestSet
    Magic attribute generated for “highestSet” proto field.

minimumRaise
    Magic attribute generated for “minimumRaise” proto field.

playerAction
    Magic attribute generated for “playerAction” proto field.

playerId
    Magic attribute generated for “playerId” proto field.

playerMoney
    Magic attribute generated for “playerMoney” proto field.
```

```
totalPlayerBet
    Magic attribute generated for “totalPlayerBet” proto field.

class pokerthproto.pokerth_pb2.PlayersTurnMessage (**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

    static FromString(s)
    GAMEID_FIELD_NUMBER = 1
    GAMESTATE_FIELD_NUMBER = 3
    HasField(field_name)
    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

        Args:
            errors: A list which, if provided, will be populated with the field paths of all missing required fields.

        Returns: True iff the specified message has all required fields set.

    ListFields()
    MergeFrom(msg)
    MergeFromString(serialized)
    PLAYERID_FIELD_NUMBER = 2
    static RegisterExtension(extension_handle)
    SerializePartialToString()
    SerializeToString()
    SetInParent()
        Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

    WhichOneof(oneof_name)
        Returns the name of the currently set field inside a oneof, or None.

    gameId
        Magic attribute generated for “gameId” proto field.

    gameState
        Magic attribute generated for “gameState” proto field.

    playerId
        Magic attribute generated for “playerId” proto field.
```

```
class pokerthproto.pokerth_pb2.PokerTHMessage (**kwargs)
Bases: google.protobuf.message.Message

ADMINBANPLAYERACKMESSAGE_FIELD_NUMBER = 78
ADMINBANPLAYERMESSAGE_FIELD_NUMBER = 77
ADMINREMOVEGAMEACKMESSAGE_FIELD_NUMBER = 76
ADMINREMOVEGAMEMESSAGE_FIELD_NUMBER = 75
AFTERHANDSHOWCARDSMESSAGE_FIELD_NUMBER = 53
ALLINSHOWCARDSMESSAGE_FIELD_NUMBER = 49
ANNOUNCEMESSAGE_FIELD_NUMBER = 2
ASKKICKDENIEDMESSAGE_FIELD_NUMBER = 57
ASKKICKPLAYERMESSAGE_FIELD_NUMBER = 56
AUTHCLIENTRESPONSEMESSAGE_FIELD_NUMBER = 5
AUTHSERVERCHALLENGEMESSAGE_FIELD_NUMBER = 4
AUTHSERVERVERIFICATIONMESSAGE_FIELD_NUMBER = 6
AVATARDATAMESSAGE_FIELD_NUMBER = 10
AVATARENDDMESSAGE_FIELD_NUMBER = 11
AVATARHEADERMESSAGE_FIELD_NUMBER = 9
AVATARREQUESTMESSAGE_FIELD_NUMBER = 8
ByteSize()
CHATMESSAGE_FIELD_NUMBER = 65
CHATREJECTMESSAGE_FIELD_NUMBER = 66
CHATREQUESTMESSAGE_FIELD_NUMBER = 64
Clear()
ClearField(field_name)
DEALFLOPCARDSMESSAGE_FIELD_NUMBER = 46
DEALRIVERCARDMESSAGE_FIELD_NUMBER = 48
DEALTURNCARDMESSAGE_FIELD_NUMBER = 47
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
DIALOGMESSAGE_FIELD_NUMBER = 67
ENDKICKPETITIONMESSAGE_FIELD_NUMBER = 62
ENDOFGAMEMESSAGE_FIELD_NUMBER = 54
ENDOFHANDHIDECARDSMESSAGE_FIELD_NUMBER = 51
ENDOFHANDSHOWCARDSMESSAGE_FIELD_NUMBER = 50
ERRORMESSAGE_FIELD_NUMBER = 74
FindInitializationErrors()
    Finds required fields which are not initialized.
```

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

```
static FromString(s)

GAMEADMINCHANGEDMESSAGE_FIELD_NUMBER = 29
GAMELISTADMINCHANGEDMESSAGE_FIELD_NUMBER = 18
GAMELISTNEWMESSAGE_FIELD_NUMBER = 14
GAMELISTPLAYERJOINEDMESSAGE_FIELD_NUMBER = 16
GAMELISTPLAYERLEFTMESSAGE_FIELD_NUMBER = 17
GAMELISTSPECTATORJOINEDMESSAGE_FIELD_NUMBER = 79
GAMELISTSPECTATORLEFTMESSAGE_FIELD_NUMBER = 80
GAMELISTUPDATEMESSAGE_FIELD_NUMBER = 15
GAMEPLAYERJOINEDMESSAGE_FIELD_NUMBER = 27
GAMEPLAYERLEFTMESSAGE_FIELD_NUMBER = 28
GAMESPECTATORJOINEDMESSAGE_FIELD_NUMBER = 81
GAMESPECTATORLEFTMESSAGE_FIELD_NUMBER = 82
GAMESTARTINITIALMESSAGE_FIELD_NUMBER = 39
GAMESTARTREJOINMESSAGE_FIELD_NUMBER = 40
HANDSTARTMESSAGE_FIELD_NUMBER = 41

HasField(field_name)
```

```
INITACKMESSAGE_FIELD_NUMBER = 7
INITMESSAGE_FIELD_NUMBER = 3
INVITENOTIFYMESSAGE_FIELD_NUMBER = 34
INVITEPLAYERTOGAMEMESSAGE_FIELD_NUMBER = 33
```

**IsInitialized(errors=None)**  
Checks if all required fields of a message are set.

Args:

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

```
JOINEXISTINGGAMEMESSAGE_FIELD_NUMBER = 22
JOINGAMEACKMESSAGE_FIELD_NUMBER = 25
JOINGAMEFAILEDMESSAGE_FIELD_NUMBER = 26
JOINNEWGAMEMESSAGE_FIELD_NUMBER = 23
KICKPETITIONUPDATEMESSAGE_FIELD_NUMBER = 61
KICKPLAYERREQUESTMESSAGE_FIELD_NUMBER = 31
LEAVEGAMEREQUESTMESSAGE_FIELD_NUMBER = 32

ListFields()
```

```

MESSAGE_TYPE_FIELD_NUMBER = 1
MYACTIONREQUESTMESSAGE_FIELD_NUMBER = 43
MergeFrom(msg)
MergeFromString(serialized)
PLAYERIDCHANGEDMESSAGE_FIELD_NUMBER = 55
PLAYERINFOREPLYMESSAGE_FIELD_NUMBER = 20
PLAYERINFOREQUESTMESSAGE_FIELD_NUMBER = 19
PLAYERLISTMESSAGE_FIELD_NUMBER = 13
PLAYERSACTIONDONEMESSAGE_FIELD_NUMBER = 45
PLAYERSTURNMESSAGE_FIELD_NUMBER = 42
PokerTHMessageType = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>
REJECTGAMEINVITATIONMESSAGE_FIELD_NUMBER = 35
REJECTINVNOTIFYMESSAGE_FIELD_NUMBER = 36
REJOINEXISTINGGAMEMESSAGE_FIELD_NUMBER = 24
REMOVEDFROMGAMEMESSAGE_FIELD_NUMBER = 30
REPORTAVATARACKMESSAGE_FIELD_NUMBER = 71
REPORTAVATARMESSAGE_FIELD_NUMBER = 70
REPORTGAMEACKMESSAGE_FIELD_NUMBER = 73
REPORTGAMEMESSAGE_FIELD_NUMBER = 72
RESETTIMEOUTMESSAGE_FIELD_NUMBER = 69
static RegisterExtension(extension_handle)
SHOWMYCARDSREQUESTMESSAGE_FIELD_NUMBER = 52
STARTEVENTACKMESSAGE_FIELD_NUMBER = 38
STARTEVENTMESSAGE_FIELD_NUMBER = 37
STARTKICKPETITIONMESSAGE_FIELD_NUMBER = 58
STATISTICSMESSAGE_FIELD_NUMBER = 63
SUBSCRIPTIONREQUESTMESSAGE_FIELD_NUMBER = 21
SerializePartialToString()
SerializeToString()
SetInParent()
Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.
TIMEOUTWARNINGMESSAGE_FIELD_NUMBER = 68
Type_AdminBanPlayerAckMessage = 77
Type_AdminBanPlayerMessage = 76
Type_AdminRemoveGameAckMessage = 75
Type_AdminRemoveGameMessage = 74

```

```
Type_AfterHandShowCardsMessage = 52
Type_AllInShowCardsMessage = 48
Type_AnnounceMessage = 1
Type_AskKickDeniedMessage = 56
Type_AskKickPlayerMessage = 55
Type_AuthClientResponseMessage = 4
Type_AuthServerChallengeMessage = 3
Type_AuthServerVerificationMessage = 5
Type_AvatarDataMessage = 9
Type_AvatarEndMessage = 10
Type_AvatarHeaderMessage = 8
Type_AvatarRequestMessage = 7
Type_ChatMessage = 64
Type_ChatRejectMessage = 65
Type_ChatRequestMessage = 63
Type_DealFlopCardsMessage = 45
Type_DealRiverCardMessage = 47
Type_DealTurnCardMessage = 46
Type_DialogMessage = 66
Type_EndKickPetitionMessage = 61
Type_EndOfGameMessage = 53
Type_EndOfHandHideCardsMessage = 50
Type_EndOfHandShowCardsMessage = 49
Type_ErrorMessage = 73
Type_GameAdminChangedMessage = 28
Type_GameListAdminChangedMessage = 17
Type_GameListNewMessage = 13
Type_GameListPlayerJoinedMessage = 15
Type_GameListPlayerLeftMessage = 16
Type_GameListSpectatorJoinedMessage = 78
Type_GameListSpectatorLeftMessage = 79
Type_GameListUpdateMessage = 14
Type_GamePlayerJoinedMessage = 26
Type_GamePlayerLeftMessage = 27
Type_GameSpectatorJoinedMessage = 80
Type_GameSpectatorLeftMessage = 81
```

```
Type_GameStartInitialMessage = 38
Type_GameStartRejoinMessage = 39
Type_HandStartMessage = 40
Type_InitAckMessage = 6
Type_InitMessage = 2
Type_InviteNotifyMessage = 33
Type_InvitePlayerToGameMessage = 32
Type_JoinExistingGameMessage = 21
Type_JoinGameAckMessage = 24
Type_JoinGameFailedMessage = 25
Type_JoinNewGameMessage = 22
Type_KickPetitionUpdateMessage = 60
Type_KickPlayerRequestMessage = 30
Type_LeaveGameRequestMessage = 31
Type_MyActionRequestMessage = 42
Type_PlayerIdChangedMessage = 54
Type_PlayerInfoReplyMessage = 19
Type_PlayerInfoRequestMessage = 18
Type_PlayerListMessage = 12
Type_PlayersActionDoneMessage = 44
Type_PlayersTurnMessage = 41
Type_RejectGameInvitationMessage = 34
Type_RejectInvNotifyMessage = 35
Type_RejoinExistingGameMessage = 23
Type_RemovedFromGameMessage = 29
Type_ReportAvatarAckMessage = 70
Type_ReportAvatarMessage = 69
Type_ReportGameAckMessage = 72
Type_ReportGameMessage = 71
Type_ResetTimeoutMessage = 68
Type_ShowMyCardsRequestMessage = 51
Type_StartEventAckMessage = 37
Type_StartEventMessage = 36
Type_StartKickPetitionMessage = 57
Type_StatisticsMessage = 62
Type_SubscriptionRequestMessage = 20
```

```
Type_TimeoutWarningMessage = 67
Type_UnknownAvatarMessage = 11
Type_VoteKickReplyMessage = 59
Type_VoteKickRequestMessage = 58
Type_YourActionRejectedMessage = 43
UNKNOWNAVATARMESSAGE_FIELD_NUMBER = 12
VOTEKICKREPLYMESSAGE_FIELD_NUMBER = 60
VOTEKICKREQUESTMESSAGE_FIELD_NUMBER = 59

WhichOneof (oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

YOURACTIONREJECTEDMESSAGE_FIELD_NUMBER = 44

adminBanPlayerAckMessage
    Magic attribute generated for “adminBanPlayerAckMessage” proto field.

adminBanPlayerMessage
    Magic attribute generated for “adminBanPlayerMessage” proto field.

adminRemoveGameAckMessage
    Magic attribute generated for “adminRemoveGameAckMessage” proto field.

adminRemoveGameMessage
    Magic attribute generated for “adminRemoveGameMessage” proto field.

afterHandShowCardsMessage
    Magic attribute generated for “afterHandShowCardsMessage” proto field.

allInShowCardsMessage
    Magic attribute generated for “allInShowCardsMessage” proto field.

announceMessage
    Magic attribute generated for “announceMessage” proto field.

askKickDeniedMessage
    Magic attribute generated for “askKickDeniedMessage” proto field.

askKickPlayerMessage
    Magic attribute generated for “askKickPlayerMessage” proto field.

authClientResponseMessage
    Magic attribute generated for “authClientResponseMessage” proto field.

authServerChallengeMessage
    Magic attribute generated for “authServerChallengeMessage” proto field.

authServerVerificationMessage
    Magic attribute generated for “authServerVerificationMessage” proto field.

avatarDataMessage
    Magic attribute generated for “avatarDataMessage” proto field.

avatarEndMessage
    Magic attribute generated for “avatarEndMessage” proto field.

avatarHeaderMessage
    Magic attribute generated for “avatarHeaderMessage” proto field.
```

**avatarRequestMessage**

Magic attribute generated for “avatarRequestMessage” proto field.

**chatMessage**

Magic attribute generated for “chatMessage” proto field.

**chatRejectMessage**

Magic attribute generated for “chatRejectMessage” proto field.

**chatRequestMessage**

Magic attribute generated for “chatRequestMessage” proto field.

**dealFlopCardsMessage**

Magic attribute generated for “dealFlopCardsMessage” proto field.

**dealRiverCardMessage**

Magic attribute generated for “dealRiverCardMessage” proto field.

**dealTurnCardMessage**

Magic attribute generated for “dealTurnCardMessage” proto field.

**dialogMessage**

Magic attribute generated for “dialogMessage” proto field.

**endKickPetitionMessage**

Magic attribute generated for “endKickPetitionMessage” proto field.

**endOfGameMessage**

Magic attribute generated for “endOfGameMessage” proto field.

**endOfHandHideCardsMessage**

Magic attribute generated for “endOfHandHideCardsMessage” proto field.

**endOfHandShowCardsMessage**

Magic attribute generated for “endOfHandShowCardsMessage” proto field.

**errorMessage**

Magic attribute generated for “errorMessage” proto field.

**gameAdminChangedMessage**

Magic attribute generated for “gameAdminChangedMessage” proto field.

**gameListAdminChangedMessage**

Magic attribute generated for “gameListAdminChangedMessage” proto field.

**gameListNewMessage**

Magic attribute generated for “gameListNewMessage” proto field.

**gameListPlayerJoinedMessage**

Magic attribute generated for “gameListPlayerJoinedMessage” proto field.

**gameListPlayerLeftMessage**

Magic attribute generated for “gameListPlayerLeftMessage” proto field.

**gameListSpectatorJoinedMessage**

Magic attribute generated for “gameListSpectatorJoinedMessage” proto field.

**gameListSpectatorLeftMessage**

Magic attribute generated for “gameListSpectatorLeftMessage” proto field.

**gameListUpdateMessage**

Magic attribute generated for “gameListUpdateMessage” proto field.

**gamePlayerJoinedMessage**

Magic attribute generated for “gamePlayerJoinedMessage” proto field.

**gamePlayerLeftMessage**

Magic attribute generated for “gamePlayerLeftMessage” proto field.

**gameSpectatorJoinedMessage**

Magic attribute generated for “gameSpectatorJoinedMessage” proto field.

**gameSpectatorLeftMessage**

Magic attribute generated for “gameSpectatorLeftMessage” proto field.

**gameStartInitialMessage**

Magic attribute generated for “gameStartInitialMessage” proto field.

**gameStartRejoinMessage**

Magic attribute generated for “gameStartRejoinMessage” proto field.

**handStartMessage**

Magic attribute generated for “handStartMessage” proto field.

**initAckMessage**

Magic attribute generated for “initAckMessage” proto field.

**initMessage**

Magic attribute generated for “initMessage” proto field.

**inviteNotifyMessage**

Magic attribute generated for “inviteNotifyMessage” proto field.

**invitePlayerToGameMessage**

Magic attribute generated for “invitePlayerToGameMessage” proto field.

**joinExistingGameMessage**

Magic attribute generated for “joinExistingGameMessage” proto field.

**joinGameAckMessage**

Magic attribute generated for “joinGameAckMessage” proto field.

**joinGameFailedMessage**

Magic attribute generated for “joinGameFailedMessage” proto field.

**joinNewGameMessage**

Magic attribute generated for “joinNewGameMessage” proto field.

**kickPetitionUpdateMessage**

Magic attribute generated for “kickPetitionUpdateMessage” proto field.

**kickPlayerRequestMessage**

Magic attribute generated for “kickPlayerRequestMessage” proto field.

**leaveGameRequestMessage**

Magic attribute generated for “leaveGameRequestMessage” proto field.

**messageType**

Magic attribute generated for “messageType” proto field.

**myActionRequestMessage**

Magic attribute generated for “myActionRequestMessage” proto field.

**playerIdChangedMessage**

Magic attribute generated for “playerIdChangedMessage” proto field.

**playerInfoReplyMessage**

Magic attribute generated for “playerInfoReplyMessage” proto field.

**playerInfoRequestMessage**

Magic attribute generated for “playerInfoRequestMessage” proto field.

**playerListMessage**

Magic attribute generated for “playerListMessage” proto field.

**playersActionDoneMessage**

Magic attribute generated for “playersActionDoneMessage” proto field.

**playersTurnMessage**

Magic attribute generated for “playersTurnMessage” proto field.

**rejectGameInvitationMessage**

Magic attribute generated for “rejectGameInvitationMessage” proto field.

**rejectInvNotifyMessage**

Magic attribute generated for “rejectInvNotifyMessage” proto field.

**rejoinExistingGameMessage**

Magic attribute generated for “rejoinExistingGameMessage” proto field.

**removedFromGameMessage**

Magic attribute generated for “removedFromGameMessage” proto field.

**reportAvatarAckMessage**

Magic attribute generated for “reportAvatarAckMessage” proto field.

**reportAvatarMessage**

Magic attribute generated for “reportAvatarMessage” proto field.

**reportGameAckMessage**

Magic attribute generated for “reportGameAckMessage” proto field.

**reportGameMessage**

Magic attribute generated for “reportGameMessage” proto field.

**resetTimeoutMessage**

Magic attribute generated for “resetTimeoutMessage” proto field.

**showMyCardsRequestMessage**

Magic attribute generated for “showMyCardsRequestMessage” proto field.

**startEventAckMessage**

Magic attribute generated for “startEventAckMessage” proto field.

**startEventMessage**

Magic attribute generated for “startEventMessage” proto field.

**startKickPetitionMessage**

Magic attribute generated for “startKickPetitionMessage” proto field.

**statisticsMessage**

Magic attribute generated for “statisticsMessage” proto field.

**subscriptionRequestMessage**

Magic attribute generated for “subscriptionRequestMessage” proto field.

**timeoutWarningMessage**

Magic attribute generated for “timeoutWarningMessage” proto field.

```
unknownAvatarMessage
    Magic attribute generated for “unknownAvatarMessage” proto field.

voteKickReplyMessage
    Magic attribute generated for “voteKickReplyMessage” proto field.

voteKickRequestMessage
    Magic attribute generated for “voteKickRequestMessage” proto field.

yourActionRejectedMessage
    Magic attribute generated for “yourActionRejectedMessage” proto field.

class pokerthproto.pokerth_pb2.RejectGameInvitationMessage (**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    ClearClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.
            “foo.bar[5].baz”.

    static FromString(s)
        GAMEID_FIELD_NUMBER = 1

    HasField(field_name)
    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required
            fields.

        Returns: True iff the specified message has all required fields set.

    ListFields()
    MYREJECTREASON_FIELD_NUMBER = 2

    MergeFrom(msg)
    MergeFromString(serialized)
    static RegisterExtension(extension_handle)
    RejectGameInvReason = <google.protobuf.internal.enum_type_wrapper.Enumeration object>
    SerializePartialToString()
    SerializeToString()

    SetInParentWhichOneof(oneof_name)
        Returns the name of the currently set field inside a oneof, or None.
```

```
gameId
    Magic attribute generated for “gameId” proto field.

myRejectReason
    Magic attribute generated for “myRejectReason” proto field.

rejectReasonBusy = 1
rejectReasonNo = 0

class pokerthproto.pokerth_pb2.RejectInvNotifyMessage (**kwargs)
Bases: google.protobuf.message.Message

ByteSize()
Clear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>

FindInitializationErrors()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.
        “foo.bar[5].baz”.

static FromString(s)
GAMEID_FIELD_NUMBER = 1

HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required
            fields.

    Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
PLAYERID_FIELD_NUMBER = 2
PLAYERREJECTREASON_FIELD_NUMBER = 3

static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

gameId
    Magic attribute generated for “gameId” proto field.
```

```
playerId
    Magic attribute generated for “playerId” proto field.

playerRejectReason
    Magic attribute generated for “playerRejectReason” proto field.

class pokerthproto.pokerth_pb2.RejoinExistingGameMessage (**kwargs)
    Bases: google.protobuf.message.Message

    AUTOLEAVE_FIELD_NUMBER = 2

    ByteSize()
    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.
            “foo.bar[5].baz”.

    static FromString(s)
        GAMEID_FIELD_NUMBER = 1

        HasField(field_name)
        IsInitialized(errors=None)
            Checks if all required fields of a message are set.

        Args:
            errors: A list which, if provided, will be populated with the field paths of all missing required
                    fields.

        Returns: True iff the specified message has all required fields set.

    ListFields()
    MergeFrom(msg)
    MergeFromString(serialized)
    static RegisterExtension(extension_handle)
    SerializePartialToString()
    SerializeToString()
    SetInParent()
        Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

    WhichOneof(oneof_name)
        Returns the name of the currently set field inside a oneof, or None.

autoLeave
    Magic attribute generated for “autoLeave” proto field.

gameId
    Magic attribute generated for “gameId” proto field.

class pokerthproto.pokerth_pb2.RemovedFromGameMessage (**kwargs)
    Bases: google.protobuf.message.Message
```

```
ByteSize()
Clear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
FindInitializationErrors()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.
        "foo.bar[5].baz".

static FromString(s)
GAMEID_FIELD_NUMBER = 1
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required fields.

    Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
REMOVEDFROMGAMEREASON_FIELD_NUMBER = 2
static RegisterExtension(extension_handle)
RemovedFromGameReason = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

gameClosed = 6
gameId
    Magic attribute generated for "gameId" proto field.

gameIsFull = 2
gameIsRunning = 3
gameTimeout = 4
kickedFromGame = 1
removedFromGameReason
    Magic attribute generated for "removedFromGameReason" proto field.

removedOnRequest = 0
```

```
removedStartFailed = 5

class pokerthproto.pokerth_pb2.ReportAvatarAckMessage(**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.
            "foo.bar[5].baz".

    static FromString(s)

    HasField(field_name)
    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required
            fields.

        Returns: True iff the specified message has all required fields set.

    ListFields()
    MergeFrom(msg)
    MergeFromString(serialized)
    REPORTAVATARRESULT_FIELD_NUMBER = 2
    REPORTEDPLAYERID_FIELD_NUMBER = 1
    static RegisterExtension(extension_handle)
    ReportAvatarResult = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>
    SerializePartialToString()
    SerializeToString()
    SetInParent()
        Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

    WhichOneof(oneof_name)
        Returns the name of the currently set field inside a oneof, or None.

    avatarReportAccepted = 0
    avatarReportDuplicate = 1
    avatarReportInvalid = 2
    reportAvatarResult
        Magic attribute generated for "reportAvatarResult" proto field.

    reportedPlayerId
        Magic attribute generated for "reportedPlayerId" proto field.
```

```

class pokerthproto.pokerth_pb2.ReportAvatarMessage (**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FindInitializationErrorsReturns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. "foo.bar[5].baz".

    static FromString(s)
    HasField(field_name)
    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

        Args:
            errors: A list which, if provided, will be populated with the field paths of all missing required fields.

        Returns: True iff the specified message has all required fields set.

    ListFields()
    MergeFrom(msg)
    MergeFromString(serialized)
    REPORTEDAVATARHASH_FIELD_NUMBER = 2
    REPORTEDPLAYERID_FIELD_NUMBER = 1
    static RegisterExtension(extension_handle)
    SerializePartialToString()
    SerializeToString()
    SetInParent()
        Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

    WhichOneof(oneof_name)
        Returns the name of the currently set field inside a oneof, or None.

    reportedAvatarHash
        Magic attribute generated for “reportedAvatarHash” proto field.

    reportedPlayerId
        Magic attribute generated for “reportedPlayerId” proto field.

class pokerthproto.pokerth_pb2.ReportGameAckMessage (**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    Clear()
    ClearField(field_name)

```

```
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>

FindInitializationErrors()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. "foo.bar[5].baz".

static FromString(s)

HasField(field_name)

IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

    Returns: True iff the specified message has all required fields set.

ListFields()

MergeFrom(msg)

MergeFromString(serialized)

REPORTEDGAMEID_FIELD_NUMBER = 1
REPORTGAMERESULT_FIELD_NUMBER = 2

static RegisterExtension(extension_handle)

ReportGameResult = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>

SerializePartialToString()

SerializeToString()

SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

gameReportAccepted = 0
gameReportDuplicate = 1
gameReportInvalid = 2

reportGameResult
    Magic attribute generated for "reportGameResult" proto field.

reportedGameId
    Magic attribute generated for "reportedGameId" proto field.

class pokerthproto.pokerth_pb2.ReportGameMessage(**kwargs)
Bases: google.protobuf.message.Message

ByteSize()

Clear()

ClearField(field_name)

DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
```

**FindInitializationErrors()**

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString(s)****HasField(field\_name)****IsInitialized(errors=None)**

Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()****MergeFrom(msg)****MergeFromString(serialized)****REPORTEDGAMEID\_FIELD\_NUMBER = 1****static RegisterExtension(extension\_handle)****SerializePartialToString()****SerializeToString()****SetInParent()**

Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof(oneof\_name)**

Returns the name of the currently set field inside a oneof, or None.

**reportedGameId**

Magic attribute generated for “reportedGameId” proto field.

**class pokerthproto.pokerth\_pb2.ResetTimeoutMessage(\*\*kwargs)**

Bases: google.protobuf.message.Message

**ByteSize()****Clear()****ClearField(field\_name)****DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>****FindInitializationErrors()**

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString(s)****HasField(field\_name)****IsInitialized(errors=None)**

Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom**(*msg*)

**MergeFromString**(*serialized*)

**static RegisterExtension**(*extension\_handle*)

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**

Sets the `_cached_byte_size_dirty` bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof**(*oneof\_name*)

Returns the name of the currently set field inside a oneof, or None.

**class pokerthproto.pokerth\_pb2.ShowMyCardsRequestMessage(\*\*kwargs)**

Bases: `google.protobuf.message.Message`

**ByteSize()**

**Clear()**

**ClearField**(*field\_name*)

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors()**

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString**(*s*)

**HasField**(*field\_name*)

**IsInitialized**(*errors=None*)

Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom**(*msg*)

**MergeFromString**(*serialized*)

**static RegisterExtension**(*extension\_handle*)

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**

Sets the `_cached_byte_size_dirty` bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof** (*oneof\_name*)

Returns the name of the currently set field inside a oneof, or None.

**class** pokerthproto.pokerth\_pb2.**StartEventAckMessage** (\*\*kwargs)

Bases: google.protobuf.message.Message

**ByteSize**()

**Clear**()

**ClearField**(*field\_name*)

**DESCRIPTOR** = <google.protobuf.descriptor.Descriptor object>

**FindInitializationErrors**()

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString**(*s*)

**GAMEID\_FIELD\_NUMBER** = 1

**HasField**(*field\_name*)

**IsInitialized**(*errors=None*)

Checks if all required fields of a message are set.

**Args:**

**errors**: A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields**()

**MergeFrom**(*msg*)

**MergeFromString**(*serialized*)

**static RegisterExtension**(*extension\_handle*)

**SerializePartialToString**()

**SerializeToString**()

**SetInParent**()

Sets the `_cached_byte_size_dirty` bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof**(*oneof\_name*)

Returns the name of the currently set field inside a oneof, or None.

**gameId**

Magic attribute generated for “gameId” proto field.

**class** pokerthproto.pokerth\_pb2.**StartEventMessage** (\*\*kwargs)

Bases: google.protobuf.message.Message

**ByteSize**()

**Clear**()

**ClearField**(*field\_name*)

**DESCRIPTOR** = <google.protobuf.descriptor.Descriptor object>

```
FILLWITHCOMPUTERPLAYERS_FIELD_NUMBER = 3

FindInitializationErrors()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. "foo.bar[5].baz".

static FromString(s)

GAMEID_FIELD_NUMBER = 1

HasField(field_name)

IsInitialized(errors=None)
    Checks if all required fields of a message are set.

    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required fields.

    Returns: True iff the specified message has all required fields set.

ListFields()

MergeFrom(msg)

MergeFromString(serialized)

static RegisterExtension(extension_handle)

STARTEVENTTYPE_FIELD_NUMBER = 2

SerializePartialToString()

SerializeToString()

SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

StartEventType = <google.protobuf.internal.enum_type_wrapper.Enumeration object>

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

fillWithComputerPlayers
    Magic attribute generated for “fillWithComputerPlayers” proto field.

gameId
    Magic attribute generated for “gameId” proto field.

rejoinEvent = 1

startEvent = 0

startEventType
    Magic attribute generated for “startEventType” proto field.

class pokerthproto.pokerth_pb2.StartKickPetitionMessage(**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()

    Clear()

    ClearField(field_name)
```

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors ()**  
 Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString (s)**

**GAMEID\_FIELD\_NUMBER = 1**

**HasField (field\_name)**

**IsInitialized (errors=None)**  
 Checks if all required fields of a message are set.

**Args:**

**errors: A list which, if provided, will be populated with the field paths of all missing required fields.**

**Returns:** True iff the specified message has all required fields set.

**KICKPLAYERID\_FIELD\_NUMBER = 4**

**KICKTIMEOUTSEC\_FIELD\_NUMBER = 5**

**ListFields ()**

**MergeFrom (msg)**

**MergeFromString (serialized)**

**NUMVOTESNEEDEDTOKICK\_FIELD\_NUMBER = 6**

**PETITIONID\_FIELD\_NUMBER = 2**

**PROPOSINGPLAYERID\_FIELD\_NUMBER = 3**

**static RegisterExtension (extension\_handle)**

**SerializePartialToString ()**

**SerializeToString ()**

**SetInParent ()**  
 Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof (oneof\_name)**  
 Returns the name of the currently set field inside a oneof, or None.

**gameId**  
 Magic attribute generated for “gameId” proto field.

**kickPlayerId**  
 Magic attribute generated for “kickPlayerId” proto field.

**kickTimeoutSec**  
 Magic attribute generated for “kickTimeoutSec” proto field.

**numVotesNeededToKick**  
 Magic attribute generated for “numVotesNeededToKick” proto field.

**petitionId**  
 Magic attribute generated for “petitionId” proto field.

```
proposingPlayerId
    Magic attribute generated for “proposingPlayerId” proto field.

class pokerthproto.pokerth_pb2.StatisticsMessage (**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

    static FromString(s)
    HasField(field_name)
    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

        Args:
            errors: A list which, if provided, will be populated with the field paths of all missing required fields.

        Returns: True iff the specified message has all required fields set.

    ListFields()
    MergeFrom(msg)
    MergeFromString(serialized)
    static RegisterExtension(extension_handle)
    STATISTICSDATA_FIELD_NUMBER = 1
    SerializePartialToString()
    SerializeToString()
    SetInParent()
        Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

class StatisticsData (**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

    static FromString(s)
```

```

HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.
    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required fields.
    Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
static RegisterExtension(extension_handle)
STATISTICSTYPE_FIELD_NUMBER = 1
STATISTICSVALUE_FIELD_NUMBER = 2
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

StatisticsType = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>
WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

statNumberOfPlayers = 1
statisticsType
    Magic attribute generated for “statisticsType” proto field.

statisticsValue
    Magic attribute generated for “statisticsValue” proto field.

StatisticsMessage.WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

StatisticsMessage.statisticsData
    Magic attribute generated for “statisticsData” proto field.

class pokerthproto.pokerth_pb2.SubscriptionRequestMessage(**kwargs)
    Bases: google.protobuf.message.Message

ByteSize()
Clear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
FindInitializationErrors()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

static FromString(s)

```

```
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

Returns: True iff the specified message has all required fields set.

ListFields()

MergeFrom(msg)

MergeFromString(serialized)

static RegisterExtension(extension_handle)

SUBSCRIPTIONACTION_FIELD_NUMBER = 1

SerializePartialToString()

SerializeToString()

SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

SubscriptionAction = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>

WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

resubscribeGameList = 2

subscriptionAction
    Magic attribute generated for “subscriptionAction” proto field.

unsubscribeGameList = 1

class pokerthproto.pokerth_pb2.TimeoutWarningMessage(**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()

    Clear()

    ClearField(field_name)

    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>

    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

    static FromString(s)

    HasField(field_name)

    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

        Args:
```

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

```

ListFields()
MergeFrom(msg)
MergeFromString(serialized)
REMAININGSECONDS_FIELD_NUMBER = 2
static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.
TIMEOUTREASON_FIELD_NUMBER = 1
TimeoutReason = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>
WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

remainingSeconds
    Magic attribute generated for “remainingSeconds” proto field.

timeoutInactiveGame = 1
timeoutKickAfterAutofold = 2
timeoutNoDataReceived = 0

timeoutReason
    Magic attribute generated for “timeoutReason” proto field.

class pokerthproto.pokerth_pb2.UnknownAvatarMessage(**kwargs)
    Bases: google.protobuf.message.Message

    ByteSize()
    Clear()
    ClearField(field_name)
    DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
    FindInitializationErrors()
        Finds required fields which are not initialized.

        Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

    static FromString(s)
    HasField(field_name)
    IsInitialized(errors=None)
        Checks if all required fields of a message are set.

        Args:
```

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom**(msg)

**MergeFromString**(serialized)

**REQUESTID\_FIELD\_NUMBER = 1**

**static RegisterExtension**(extension\_handle)

**SerializePartialToString()**

**SerializeToString()**

**SetInParent()**

Sets the \_cached\_byte\_size\_dirty bit to true, and propagates this to our listener iff this was a state change.

**WhichOneof**(oneof\_name)

Returns the name of the currently set field inside a oneof, or None.

**requestId**

Magic attribute generated for “requestId” proto field.

**class pokerthproto.pokerth\_pb2.VoteKickReplyMessage(\*\*kwargs)**

Bases: google.protobuf.message.Message

**ByteSize()**

**Clear()**

**ClearField**(field\_name)

**DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>**

**FindInitializationErrors()**

Finds required fields which are not initialized.

**Returns:** A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g. “foo.bar[5].baz”.

**static FromString(s)**

**GAMEID\_FIELD\_NUMBER = 1**

**HasField**(field\_name)

**IsInitialized(errors=None)**

Checks if all required fields of a message are set.

**Args:**

**errors:** A list which, if provided, will be populated with the field paths of all missing required fields.

**Returns:** True iff the specified message has all required fields set.

**ListFields()**

**MergeFrom**(msg)

**MergeFromString**(serialized)

**PETITIONID\_FIELD\_NUMBER = 2**

```

static RegisterExtension(extension_handle)
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.

VOTEKICKREPLYTYPE_FIELD_NUMBER = 3
VoteKickReplyType = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>
WhichOneof(oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

gameId
    Magic attribute generated for “gameId” proto field.

petitionId
    Magic attribute generated for “petitionId” proto field.

voteKickAck = 0
voteKickDeniedAlreadyVoted = 2
voteKickDeniedInvalid = 1
voteKickReplyType
    Magic attribute generated for “voteKickReplyType” proto field.

class pokerthproto.pokerth_pb2.VoteKickRequestMessage (**kwargs)
Bases: google.protobuf.message.Message

ByteSizeClear()
ClearField(field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
FindInitializationErrorsReturns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.  

    “foo.bar[5].baz”.

static FromString(s)
GAMEID_FIELD_NUMBER = 1
HasField(field_name)
IsInitialized(errors=None)
    Checks if all required fields of a message are set.

Args:
    errors: A list which, if provided, will be populated with the field paths of all missing required fields.

Returns: True iff the specified message has all required fields set.

ListFields()
MergeFrom(msg)

```

```
MergeFromString (serialized)
PETITIONID_FIELD_NUMBER = 2
static RegisterExtension (extension_handle)
SerializePartialToString ()
SerializeToString ()
SetInParent ()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.
VOTEKICK_FIELD_NUMBER = 3
WhichOneof (oneof_name)
    Returns the name of the currently set field inside a oneof, or None.

gameId
    Magic attribute generated for “gameId” proto field.

petitionId
    Magic attribute generated for “petitionId” proto field.

voteKick
    Magic attribute generated for “voteKick” proto field.

class pokerthproto.pokerth_pb2.YourActionRejectedMessage (**kwargs)
Bases: google.protobuf.message.Message

ByteSize ()
Clear ()
ClearField (field_name)
DESCRIPTOR = <google.protobuf.descriptor.Descriptor object>
FindInitializationErrors ()
    Finds required fields which are not initialized.

    Returns: A list of strings. Each string is a path to an uninitialized field from the top-level message, e.g.
        “foo.bar[5].baz”.

static FromString (s)
GAMEID_FIELD_NUMBER = 1
GAMESTATE_FIELD_NUMBER = 2
HasField (field_name)
IsInitialized (errors=None)
    Checks if all required fields of a message are set.

    Args:
        errors: A list which, if provided, will be populated with the field paths of all missing required
            fields.

    Returns: True iff the specified message has all required fields set.

ListFields ()
MergeFrom (msg)
MergeFromString (serialized)
```

```
REJECTIONREASON_FIELD_NUMBER = 5
static RegisterExtension (extension_handle)
RejectionReason = <google.protobuf.internal.enum_type_wrapper.EnumTypeWrapper object>
SerializePartialToString()
SerializeToString()
SetInParent()
    Sets the _cached_byte_size_dirty bit to true, and propagates this to our listener iff this was a state change.
WhichOneof (oneof_name)
    Returns the name of the currently set field inside a oneof, or None.
YOURACTION_FIELD_NUMBER = 3
YOURRELATIVEBET_FIELD_NUMBER = 4
gameId
    Magic attribute generated for “gameId” proto field.
gameState
    Magic attribute generated for “gameState” proto field.
rejectedActionNotAllowed = 3
rejectedInvalidGameState = 1
rejectedNotYourTurn = 2
rejectionReason
    Magic attribute generated for “rejectionReason” proto field.
yourAction
    Magic attribute generated for “yourAction” proto field.
yourRelativeBet
    Magic attribute generated for “yourRelativeBet” proto field.
```

## pokerthproto.protocol module

The PokerTH protocol consisting of messages and replies with respect to the current state in the communication.

```
class pokerthproto.protocol.ClientProtocol
    Bases: pokerthproto.protocol.PokerTHProtocol
    afterHandShowCardsReceived (msg)
    allInShowCardsReceived (msg)
    announceReceived (msg)
    chatReceived (msg)
    dealFlopCardsReceived (msg)
    dealRiverCardReceived (msg)
    dealTurnCardReceived (msg)
    endOfGameReceived (msg)
    endOfHandHideCardsReceived (msg)
```

```
endOfHandShowCardsReceived(msg)
gameListNewReceived(msg)
gameListPlayerJoinedReceived(msg)
gameListPlayerLeftReceived(msg)
gameListUpdateReceived(msg)
gamePlayerJoinedReceived(msg)
gamePlayerLeftReceived(msg)
gameStartInitialReceived(msg)
handStartReceived(msg)
```

**handleChat** (*chatType*, *text*, *lobbyInfo*, *gameInfo=None*, *playerInfo=None*)

Handle the behavior of our client when a chat message was received.

Overwrite this method.

#### Parameters

- **chatType** – “Lobby”, “Game”, “Bot”, “Broadcast” or “Private”
- **text** – text of the message
- **lobbyInfo** – lobby information (*Lobby*)
- **gameInfo** – optional game information (*Game*)
- **playerInfo** – optional player information (*Player*)

**handleEndOfGame** (*gameInfo*, *winner*)

Handle the end of a game

The end of a game brings you back to the lobby

#### Parameters

- **gameInfo** – game information (*Game*)
- **winner** – winner of the game (*Player*)

**handleEndOfHand** (*gameInfo*)

Handle the end of a hand

Parameters **gameInfo** – game information (*Game*)

**handleInsideLobby** (*lobbyInfo*)

Handle the behavior of our client in the lobby.

Overwrite this method.

Parameters **lobbyInfo** – information about the lobby (*Lobby*)

**handleMyTurn** (*gameInfo*)

Decide what action to take when it is our turn.

Parameters **gameInfo** – game information (*Game*)

**handleOthersTurn** (*playerInfo*, *gameInfo*)

Handle the start of another player’s turn.

#### Parameters

- **playerInfo** – player information (*Player*)

- **gameInfo** – game information (*Game*)

```
initAckReceived(msg)
joinGameAckReceived(msg)
playerInfoReplyReceived(msg)
playerListReceived(msg)
playersActionDoneReceived(msg)
playersTurnReceived(msg)
sendChatRequest(text, gameId=None, playerId=None)
    Send a chat message.
```

#### Parameters

- **text** – your message
- **gameId** – optional game id
- **playerId** – optional player id

```
sendJoinExistingGame(gameId, autoLeave=False)
sendJoinNewGame(gameInfo, password=None, autoLeave=False)
sendMyAction(action, bet, relative=True)
    Send my action during a poker game.
```

#### Parameters

- **action** – action of *Action*
- **bet** – bet with respect to the action
- **relative** – boolean if the bet is relative to the highest set bet

```
sendStartEvent(gameId, startEventType=None, fillWithBots=False)
showMyCardsRequestReceived(msg)
startEventReceived(msg)
state = 0
yourActionRejected(msg)
```

**class** pokerthproto.protocol.ClientProtocolFactory(*nickName*)

Bases: twisted.internet.protocol.ClientFactory

```
clientConnectionFailed(connector, reason)
```

```
clientConnectionLost(connector, reason)
```

```
protocol
    alias of ClientProtocol
```

**class** pokerthproto.protocol.PokerTHProtocol

Bases: twisted.internet.protocol.Protocol

```
adminBanPlayerAckReceived(msg)
```

```
adminBanPlayerReceived(msg)
```

```
adminRemoveGameAckReceived(msg)
```

```
adminRemoveGameReceived(msg)
```

```
afterHandShowCardsReceived(msg)
allInShowCardsReceived(msg)
announceReceived(msg)
askKickDeniedReceived(msg)
askKickPlayerReceived(msg)
authClientResponseReceived(msg)
authServerChallengeReceived(msg)
authServerVerificationReceived(msg)
avatarDataReceived(msg)
avatarEndReceived(msg)
avatarHeaderReceived(msg)
avatarRequestReceived(msg)
chatReceived(msg)
chatRejectReceived(msg)
chatRequestReceived(msg)
connectionLost(reason)
connectionMade()
dataReceived(data)
dealFlopCardsReceived(msg)
dealRiverCardReceived(msg)
dealTurnCardReceived(msg)
dialogReceived(msg)
endKickPetitionReceived(msg)
endOfGameReceived(msg)
endOfHandHideCardsReceived(msg)
endOfHandShowCardsReceived(msg)
errorReceived(msg)
gameAdminChangedReceived(msg)
gameListAdminChangedReceived(msg)
gameListNewReceived(msg)
gameListPlayerJoinedReceived(msg)
gameListPlayerLeftReceived(msg)
gameListSpectatorJoinedReceived(msg)
gameListSpectatorLeftReceived(msg)
gameListUpdateReceived(msg)
gamePlayerJoinedReceived(msg)
```

```
gamePlayerLeftReceived(msg)
gameSpectatorJoinedReceived(msg)
gameSpectatorLeftReceived(msg)
gameStartInitialReceived(msg)
gameStartRejoinReceived(msg)
handStartReceived(msg)
initAckReceived(msg)
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invitePlayerToGameReceived(msg)
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joinGameFailedReceived(msg)
joinNewGameReceived(msg)
kickPetitionUpdateReceived(msg)
kickPlayerRequestReceived(msg)
leaveGameRequestReceived(msg)
myActionRequestReceived(msg)
playerIdChangedReceived(msg)
playerInfoReplyReceived(msg)
playerInfoRequestReceived(msg)
playerListReceived(msg)
playersActionDoneReceived(msg)
playersTurnReceived(msg)
rejectGameInvitationReceived(msg)
rejectInvNotifyReceived(msg)
rejoinExistingGameReceived(msg)
removedFromGameReceived(msg)
reportAvatarAckReceived(msg)
reportAvatarReceived(msg)
reportGameAckReceived(msg)
reportGameReceived(msg)
resetTimeoutReceived(msg)
showMyCardsRequestReceived(msg)
startEventAckReceived(msg)
startEventReceived(msg)
```

```
startKickPetitionReceived(msg)
statisticsReceived(msg)
subscriptionRequestReceived(msg)
timeoutWarningReceived(msg)
unhandledMessageReceived(msg)
unknownAvatarReceived(msg)
voteKickReplyReceived(msg)
voteKickRequestReceived(msg)
yourActionRejectedReceived(msg)

class pokerthproto.protocol.States
    Bases: object
        Enum of all client states
        GAME_JOINED = 2
        GAME_STARTED = 3
        INIT = 0
        LOBBY = 1

pokerthproto.protocol.enum2str (enumType, enum)
    Translates a pokerth_pb2 enum type to a string.
```

**Parameters**

- **enumType** – enum type class
- **enum** – the enum element of the type

**Returns** identifier string of enum

## [pokerthproto.proxy module](#)

A PokerTH proxy that logs all messages between a PokerTH client and server.

```
class pokerthproto.proxy.ClientProtocol
    Bases: pokerthproto.protocol.PokerTHProtocol
        dataReceived(data)

class pokerthproto.proxy.ClientProtocolFactory (sendToClient)
    Bases: twisted.internet.protocol.Factory
        protocol
            alias of ClientProtocol

class pokerthproto.proxy.ProxyProtocol
    Bases: pokerthproto.protocol.PokerTHProtocol
        connectionMade()
        dataReceived(data)
        registerServer(proto)
        sendToClient(data)
```

```
class pokerthproto.proxy.ProxyProtocolFactory
    Bases: twisted.internet.protocol.Factory

    protocol
        alias of ProxyProtocol
```

## pokerthproto.transport module

The low-level transport functionality for packing/unpacking and enveloping/ developing messages.

`pokerthproto.transport.develop (envelope)`

Remove the envelope from a message.

**Parameters** `envelope` – PokerTHMessage object that envelops a message

**Returns** PokerTH message from the envelope

`pokerthproto.transport.envelop (msg)`

Put a message into an envelope.

**Parameters** `msg` – PokerTH message object

**Returns** message wrapped in a PokerTHMessage object

`pokerthproto.transport.makeSizeBytes (n)`

Create a 4 bytes string that encodes the number n.

**Parameters** `n` – integer

**Returns** 4 bytes string

`pokerthproto.transport.pack (envelope)`

Packs/Serializes a PokerTHMessage to a data string.

**Parameters** `envelope` – PokerTHMessage envelope

**Returns** data as string

`pokerthproto.transport.readSizeBytes (string)`

Reads the 4 byte size-string and returns the size as integer.

**Parameters** `string` – 4 byte size-string

**Returns** integer

`pokerthproto.transport.unpack (data)`

Unpacks/Deserializes a PokerTH network messsage.

**Parameters** `data` – data as string

**Returns** PokerTHMessage object containing the message

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