
Speedcord

Epic

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sphinx-quickstart on Sat Oct 10 22:49:03 2020. You can adapt this file completely to your liking, but it should at least contain the root *toctree* directive.

API REFERENCE

`speedcord.__version__`

A string representation of the version. e.g. '0.1.2'.

class `speedcord.Client` (*intents*, *token=None*, *, *shard_count=None*, *shard_ids=None*)

run ()

Starts the client.

await get_gateway ()

Get details about the gateway

Returns A tuple consisting of the wss url to connect to, how many shards to use, how many gateway connections left, how many milliseconds until the gateway connection limit resets.

Return type `Tuple[str, int, int, int]`

Raises *Unauthorized* – Authentication failed.

await connect ()

Connects to discord and spawns shards. *start()* has to be called first!

Raises *InvalidToken* – Provided token is invalid.

await start ()

Sets up the HTTP client, connects to Discord, and spawns shards.

Raises *InvalidToken* – Provided token is invalid.

await close ()

Closes the HTTP client and disconnects all shards.

await fatal (*exception*)

Raises a fatal exception to the bot. Please do not use this for non-fatal exceptions.

listen (*event*)

Listen to an event or opcode.

Parameters *event* (*Union[int, str]*) – An opcode or event name to listen to.

Raises *TypeError* – Invalid event type was passed.

await handle_dispatch (*data*, *shard*)

Dispatches a event to the event handler.

Parameters

- **data** (*Dict[str, Any]*) – The data to dispatch.
- **shard** (*DefaultShard*) – Shard the event was received on.

EXCEPTIONS

exception `speedcord.HTTPException(request, data)`
Exception that's thrown when an HTTP request operation fails.

exception `speedcord.Forbidden(request, data)`
Exception that's thrown for when status code 403 occurs.
Subclass of *HTTPException*

exception `speedcord.NotFound(request)`
Exception that's thrown when status code 404 occurs.
Subclass of *HTTPException*

exception `speedcord.Unauthorized(request)`
Exception that's thrown when status code 401 occurs.
Subclass of *HTTPException*

exception `speedcord.LoginException`
Base exception thrown when an issue occurs during login attempts.

exception `speedcord.InvalidToken`
Exception that's thrown when an attempt to login with invalid token is made.

exception `speedcord.ConnectionsExceeded`
Exception that's thrown when all gateway IDENTIFYs are exhausted.

exception `speedcord.GatewayException`
Base exception that's thrown whenever a gateway error occurs.

exception `speedcord.GatewayClosed`
Exception that's thrown when the gateway is used while in a closed state.

exception `speedcord.GatewayUnavailable`
Exception that's thrown when the gateway is unreachable.

Symbols

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