| <u>Function Name</u>                | <u>Endpoint</u> | Concise Description                            | <u>Parameters</u>   |
|-------------------------------------|-----------------|--|---|
| server_event_team_created           | /create         | Called when a new team is created              | <ul><li>team_uuid</li><li>team_name</li><li>user_uuid</li></ul>   |
| server_event_channel_created        | /create         | Called when a new channel is created           | <ul><li>team_uuid</li><li>channel_uuid</li><li>channel_name</li></ul>   |
| server_event_thread_created         | /create         | Called when a new thread is created            | <ul><li>channel_uuid</li><li>thread_uuid</li><li>user_uuid</li><li>thread_title</li><li>thread_body</li></ul> |
| server_event_reply_created          | /create         | Called when a new reply is created in a thread | <ul><li>thread_uuid, user_uuid, reply_body</li></ul>  |
| server_event_user_subscribed        | /subscribe      | Called when a user subscribes to a team        | <ul><li>team_uuid, user_uuid</li></ul>  |
| server_event_user_unsubscribed      | /unsubscribe    | Called when a user unsubscribes from a team    | <ul><li>team_uuid, user_uuid</li></ul>  |
| server_event_user_created           | /login          | Called when a new user is created              | <ul><li>user_uuid, user_name</li></ul>  |
| server_event_user_loaded            | N/A             | Called when a user is loaded from a save file  | <ul><li>user_uuid, user_name</li></ul>  |
| server_event_user_logged_in         | /login          | Called when a user logs in                     | • user_uuid   |
| server_event_user_logged_out        | /logout         | Called when a user logs out                    | • user_uuid   |
| server_event_private_message_sended | /send           | Called when a private message is sent          | <ul> <li>sender_uuid, receiver_uuid,<br/>message_body</li> </ul>  |

| Function Prototype  | Command Example  |
|---|--|
| int client_event_logged_in(char const*, const char*);   | /login "user_name"   |
| <pre>int client_event_logged_out(char const*, const char*);</pre>                             | • /logout  |
| <pre>int client_event_private_message_received(char const*, char const*);</pre>               | <ul><li>/send "user_uuid" "message_body"</li></ul>               |
| int client_event_thread_reply_received(char const*, char const*, char const*, char const*);   | • /create "reply_body"   |
| <pre>int client_event_team_created(char const*, char const*, char const*);</pre>              | • /create "team_name" "team_description"                         |
| <pre>int client_event_channel_created(char const*, char const*);</pre>                        | <ul> <li>/create "channel_name" "channel_description"</li> </ul> |
| int client_event_thread_created(char const*, char const*, time_t, char const*, char const*);  | • /create "thread_title" "thread_body"                           |
| int client_print_users(char const*, char const*, int);  | <ul><li>/users<br/>/subscribed "team_uuid"</li></ul>             |
| int client_print_teams(char const*, char const*, char const*);                                | • /list<br>/subscribed   |
| <pre>int client_team_print_channels(char const*, char const*, char const*);</pre>             | • /list  |
| int client_channel_print_threads(char const*, char const*, time_t, char const*, char const*); | • /list  |
| <pre>int client_thread_print_replies(char const*, char const*, time_t, char const*);</pre>    | • /list  |
| int client_private_message_print_messages(char const*, time_t, char const*);                  | <ul><li>/messages "user_uuid"</li></ul>                          |
| int client_error_unknown_team(char const*);   | Various Commands (see full list)                                 |
| int client_error_unknown_channel(char const*);  | Various Commands (see full list)                                 |

| int client_error_unknown_thread(char const*);  | Various Commands (see full list)   |
|--|--|
| int client_error_unknown_user(char const*);  | <ul><li>/send "user_uuid" "message_body"</li><li>/user "user_uuid"</li><li>/messages "user_uuid"</li></ul> |
| int client_error_unauthorized(void);   | Various Commands (see full list)   |
| int client_error_already_exist(void);  | Various Commands (see full list)   |
| int client_print_user(char const*, char const*, int);  | <ul><li>/user "user_uuid"<br/>/info</li></ul>  |
| <pre>int client_print_team(char const*, char const*, char const*);</pre>                     | • /info  |
| int client_print_channel(char const*, char const*, char const*);                             | • /info  |
| int client_print_thread(char const*, char const*, time_t, char const*, char const*);         | • /info  |
| <pre>int client_print_team_created(char const*, char const*, char const*);</pre>             | <ul><li>/create "team_name" "team_description"</li></ul>   |
| <pre>int client_print_channel_created(char const*, char const*, char const*);</pre>          | <ul><li>/create "channel_name" "channel_description"</li></ul>   |
| int client_print_thread_created(char const*, char const*, time_t, char const*, char const*); | <ul><li>/create "thread_title" "thread_body"</li></ul>   |
| <pre>int client_print_reply_created(char const*, char const*, time_t, char const*);</pre>    | • /create "reply_body"   |
| <pre>int client_print_subscribed(char const*, char const*);</pre>                            | /subscribe "team_uuid"   |
| <pre>int client_print_unsubscribed(char const*, char const*);</pre>                          | /unsubscribe "team_uuid"   |