

1 Overview

These are the major features of Community Bridge:

1. Minecraft player to web application user “linking”.
2. **(NOT YET IMPLEMENTED)** Authenticating a user against the web application database.
3. Group synchronization (currently a misnomer, since the “synchronization” is only one way)
4. Recording statistical information about the players in forum custom fields.
5. Kicking of players who are banned from the forum.

The first of the features is essential, without it, none of the other features of the plugin would work. Given that the linking feature’s importance, it is the first thing to evaluate when ensuring that CommunityBridge is operating correctly.

2 Linking Feature

For each of the following configurations, CB should:

- Recognize a player as not being registered, e.g., not present in the web application’s database.
- Correctly identify a player as being registered—identifying the correct user.
- **(NYI)** If authentication is off **DO NOT** force authentication.
- **(NYI)** If authentication is on, handle a valid authentication by...
- **(NYI)** If authentication is off, respond to an failed authentication attempt by...

Possible Configurations (order of complexity):

- Minecraft playername and web application username are required to be the same. Required information: users table, user id column, username column. Configuration Name: same_name.
- Minecraft playername and web application username can be different; the Minecraft playername is in a separate column on the users table. Required information: users table, user id column, minecraft playername column. Configuration Name: diff_name_same_table.

- Minecraft playername and web application username can be different; the Minecraft playername is on a different table in its own column (frequently, this is because it is implemented through a custom profile field in the web application). Required information: tablename, user id column, minecraft playername column. Configuration Name: diff_name_diff_table
- Minecraft playername and web application username can be different; the Minecraft playername is on a different table that data is stored in the key-value format. Required information: tablename, user id column, key column, value column, data key name. Configuration Name: diff_name_diff_table_keyed