

```

1  package ballmerpeak.turtlenet.client;
2
3  import ballmerpeak.turtlenet.shared.CommentDetails;
4  import ballmerpeak.turtlenet.shared.PostDetails;
5  import ballmerpeak.turtlenet.shared.Conversation;
6  import ballmerpeak.turtlenet.shared.Message;
7  import com.google.gwt.user.client.rpc.RemoteService;
8  import com.google.gwt.user.client.rpc.RemoteServiceRelativePath;
9
10 @RemoteServiceRelativePath("turtlenet")
11 public interface Turtlenet extends RemoteService {
12     String      startTN      (String password);
13     String      stopTN      ();
14     String      isFirstTime  (); //GWT requires an object
15     String      register     (String username, String password);
16
17     String      getUsername   (String key);
18     String      getMyUsername ();
19     String      getPDATA     (String field, String key);
20     String      getMyPDATA   (String field);
21     String      getKey        (String username);
22     String      getMyKey      ();
23     String[][]  getPeople     (); //{{{"name1", "key1"}, {"name2", "key2"}}}
24     String[][]  getCategories (); //{{{"friends", "false"}, {"family", "true"}}}
25     String[][]  getCategoryMembers (String category); //{{{"name1", "key1"}, {"name2", "key2"}}}
26     Conversation getConversation (String sig);
27     Conversation[] getConversations ();
28     String[][]  getConversationMessages (String sig);
29     PostDetails[] getWallPosts (String key);
30     CommentDetails[] getComments (String parent);
31     Long        timeMostRecentWallPost (String key);
32     Long        getConvoLastUpdated (String sig);
33     Long        getPostLastCommented (String sig);
34
35     String      claimUsername (String uname);
36     String      updatePDATA   (String field, String newValue);
37     String      updatePDATAPermission (String category, boolean value);
38     String[]    createCHAT    (String[] keys); //{"success", "<convo signature>"}
39     String      addMessageToCHAT (String text, String sig);
40     String      like           (String sig);
41     String      unlike         (String sig);
42     String      addCategory     (String name);
43     String      addToCategory   (String category, String key);
44     String      addKey          (String key);
45     String      addPost         (String wallKey, String categoryVisibleTo, String msg);
46     String      addComment      (String parent, String text);
47     String      removeFromCategory (String group, String key);
48     String      revokeMyKey     ();
49 }

```