de.htwberlin.kba.gr7.vocabduel.user_administration.export

Interface UserService

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public interface **UserService**

Service for managing users and user data beyond authentication purposes (for auth, incl. registration and login, please check AuthService).

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Author:

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Method Summary

All Methods   Instance Methods   Abstract Methods

Modifier and Type	Method and Description
int	deleteUser(de.htwberlin.kba.gr7.vocabduel.user_ad Deletes a single user.
java.util.List<de.htwberlin.kba.gr7.vocabduel.user_administration.export.model.User>	findUsersByUsername(java.lang.String searchString Searches for users whose username properties match/include as list.
de.htwberlin.kba.gr7.vocabduel.user_administration.export.model.User	getUserDataByEmail(java.lang.String email)
de.htwberlin.kba.gr7.vocabduel.user_administration.export.model.User	getUserDataById(java.lang.Long id)
de.htwberlin.kba.gr7.vocabduel.user_administration.export.model.User	getUserDataByUsername(java.lang.String username)
int	updateUser(de.htwberlin.kba.gr7.vocabduel.user_ad Updates user data by a given user object.

Method Detail

findUsersByUsername

java.util.List<de.htwberlin.kba.gr7.vocabduel.user_administration.export.model.User> findUsersByUsername(java.lang.String searchString)
                                                                                        throws de.htwberlin.kba.gr7.vocabduel

Searches for users whose username properties match/include the given search string and returns them as list. Useful for identifying opponents for games. The search is case insensitive, i.e. a user "UserX" will be found by entering "userx".

Parameters:

searchString - String users are to be searched by (compared with their usernames).

Returns:

List of users matching/including the given search string.

Throws:

de.htwberlin.kba.gr7.vocabduel.user_administration.export.exceptions.UserOptimisticLockException - An OptimisticLock error in the user module occurred.

getUserDataById

de.htwberlin.kba.gr7.vocabduel.user_administration.export.model.User getUserDataById(java.lang.Long id)
                                                                        throws de.htwberlin.kba.gr7.vocabduel.user_administration

Parameters:

id - ID the respective user is to be returned for.

Returns:

User with the given ID or null if no user found.

Throws:

de.htwberlin.kba.gr7.vocabduel.user_administration.export.exceptions.UserOptimisticLockException - An OptimisticLock error in the user module occurred.

getUserDataByEmail

de.htwberlin.kba.gr7.vocabduel.user_administration.export.model.User getUserDataByEmail(java.lang.String email)
                                                                        throws de.htwberlin.kba.gr7.vocabduel.user_administrat

Parameters:

email - Email the respective user is to be returned for.

Returns:

User with the given email or null if no user found.

Throws:

de.htwberlin.kba.gr7.vocabduel.user_administration.export.exceptions.UserOptimisticLockException - An OptimisticLock error in the user module occurred.

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getUserDataByUsername

de.htwberlin.kba.gr7.vocabduel.user_administration.export.model.User getUserDataByUsername(java.lang.String username)
                                                          throws de.htwberlin.kba.gr7.vocabduel.user_administ

Parameters:

username - Username the respective user is to be returned for.

Returns:

User with the given username or null if no user found.

Throws:

de.htwberlin.kba.gr7.vocabduel.user_administration.export.exceptions.UserOptimisticLockException - An OptimisticLock error in the user module occurred.

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updateUser

int updateUser(de.htwberlin.kba.gr7.vocabduel.user_administration.export.model.User user)
        throws de.htwberlin.kba.gr7.vocabduel.user_administration.export.exceptions.InvalidOrRegisteredMailException,
                de.htwberlin.kba.gr7.vocabduel.user_administration.export.exceptions.AlreadyRegisteredUsernameException,
                de.htwberlin.kba.gr7.vocabduel.user_administration.export.exceptions.IncompleteUserDataException,
                de.htwberlin.kba.gr7.vocabduel.user_administration.export.exceptions.InvalidUserException,
                javax.naming.InvalidNameException,
                de.htwberlin.kba.gr7.vocabduel.user_administration.export.exceptions.UserOptimisticLockException

Updates user data by a given user object.

Parameters:

user - User object containing the (updated) data to be saved.

Returns:

int database status of the update query.

Throws:

de.htwberlin.kba.gr7.vocabduel.user_administration.export.exceptions.InvalidOrRegisteredMailException - The user's specified email is either already in use or invalid and, thus, cannot be used again.

de.htwberlin.kba.gr7.vocabduel.user_administration.export.exceptions.AlreadyRegisteredUsernameException - The user's specified username is already in use and, thus, cannot be used again.

de.htwberlin.kba.gr7.vocabduel.user_administration.export.exceptions.IncompleteUserDataException - The passed user object does not contain all required user data.

de.htwberlin.kba.gr7.vocabduel.user_administration.export.exceptions.InvalidUserException - The given user is null or does not exist.

de.htwberlin.kba.gr7.vocabduel.user_administration.export.exceptions.UserOptimisticLockException - An OptimisticLock error in the user module occurred.

javax.naming.InvalidNameException

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deleteUser

int deleteUser(de.htwberlin.kba.gr7.vocabduel.user_administration.export.model.User user)
        throws de.htwberlin.kba.gr7.vocabduel.user_administration.export.exceptions.UserOptimisticLockException

Deletes a single user.

Parameters:

user - User to be deleted.

Returns:

int database status of the delete query.

Throws:

de.htwberlin.kba.gr7.vocabduel.user_administration.export.exceptions.UserOptimisticLockException - An OptimisticLock error in the user module occurred.

OVERVIEW PACKAGE   CLASS   TREE DEPRECATED INDEX HELP

PREV CLASS   NEXT CLASS   FRAMES   NO FRAMES   ALL CLASSES

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SUMMARY: NESTED | FIELD | CONSTR | METHOD   DETAIL: FIELD | CONSTR | METHOD

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