de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export

Interface VocabularyService

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public interface VocabularyService
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Service for managing vocabulary, i.e. adding/removing language sets, units and vocabulary lists, and for getting the publicly available vocable data.

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Author:

Sebastian Kehl, Lucas Larisch

Method Summary

All Methods　　Instance Methods　　Abstract Methods

Modifier and Type	Method and Description
int	**deleteVocableList**(de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.model.VocableList vocables, de.htwberlin.kba.gr7.vocabduel.user_administration.export.model.User triggeringUser) Deletes a vocable list if the triggering user is its author.
java.util.List<de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.model.LanguageSet>	**getAllLanguageSets**()
java.util.List<de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.model.SupportedLanguage>	**getAllSupportedLanguages**()
java.util.List<java.lang.String>	**getSupportedLanguageReferences**(de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.model.SupportedLanguage language)
de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.model.VocableList	**getVocableListById**(java.lang.Long id)
java.util.List<de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.model.VocableList>	**getVocableListsOfUser**(de.htwberlin.kba.gr7.vocabduel.user_administration.export.model.User user)
de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.model.VocableList	**importGnuVocableList**(java.lang.String gnuContent, de.htwberlin.kba.gr7.vocabduel.user_administration.export.model.User triggeringUser) Imports a simple .txt file exported by GNU (see Moodle).

Method Detail

importGnuVocableList

```
de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.model.VocableList importGnuVocableList(java.lang.String gnuContent,
                                                                                                      de.htwberlin.kba.gr7.vocabduel.user_administration.export.model.User triggeringUser)
                                                                                               throws de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.DuplicateVocablesInSetException,
                                                                                                      de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.InvalidVocableListException,
                                                                                                      de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.IncompleteVocableListException,
                                                                                                      de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.DataAlreadyExistsException,
                                                                                                      de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.UnknownLanguagesException,
                                                                                                      de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.VocabularyOptimisticLockException
```

Imports a simple .txt file exported by GNU (see Moodle). If the stated languages/unit name do already exist, the vocabulary list is inserted there. If not, the respective information is inserted, too.

Parameters:

gnuContent - Content of a GNU file as string.

triggeringUser - User triggering the import and who will be set as author of the new data.

Returns:

int database status of the insert query.

Throws:

de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.DuplicateVocablesInSetException - The vocable list contains duplicates concerning the vocabulary in the learnt language. Regardless of whether their respective translations differ or not.

de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.InvalidVocableListException - The vocable list to be imported has an invalid vocable format (is not using colon characters)

de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.IncompleteVocableListException - The vocable list to be imported does not contain all required data.

de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.DataAlreadyExistsException - The unit the vocable list is to be added to does already contain a vocable list with the same title.

de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.UnknownLanguagesException - One or both given language(s) are not supported or wrongly referred to.

de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.VocabularyOptimisticLockException - An OptimisticLock error in the vocabulary module occurred.

deleteVocableList

```
int deleteVocableList(de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.model.VocableList vocables,
                      de.htwberlin.kba.gr7.vocabduel.user_administration.export.model.User triggeringUser)
               throws de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.DifferentAuthorException,
                      de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.UndeletableListException,
                      de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.VocabularyOptimisticLockException
```

Deletes a vocable list if the triggering user is its author.

Parameters:

vocables - The vocable list to be deleted.

triggeringUser - User triggering the deletion process.

Returns:

int database status of the delete query.

Throws:

de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.DifferentAuthorException - The user who wants to delete the list has not the rights to do so, i.e. is not the list's author.

de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.UndeletableListException - The list cannot be deleted because of constraint violations.

de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.VocabularyOptimisticLockException - An OptimisticLock error in the vocabulary module occurred.

getVocableListById

```
de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.model.VocableList getVocableListById(java.lang.Long id)
                                                       throws de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.VocabularyOptimisticLockException
```

Parameters:

id - ID the vocable list for is to be returned.

Returns:

Vocable list with the given id or null if no list could be found.

Throws:

de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.VocabularyOptimisticLockException - An OptimisticLock error in the vocabulary module occurred.

getVocableListsOfUser

```
java.util.List<de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.model.VocableList> getVocableListsOfUser(de.htwberlin.kba.gr7.vocabduel.user_administration.export.model.User user)
                                                       throws de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.VocabularyOptimisticLockException
```

Parameters:

user - User whose vocable lists, i.e. the lists she/he is the author of, are to be returned.

Returns:

The given user's vocable lists (can be empty).

Throws:

de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.VocabularyOptimisticLockException - An OptimisticLock error in the vocabulary module occurred.

getAllLanguageSets

```
java.util.List<de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.model.LanguageSet> getAllLanguageSets()
                                                        throws de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.VocabularyOptimisticLockException
```

Returns:

List containing all available language sets.

Throws:

de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.exceptions.VocabularyOptimisticLockException - An OptimisticLock error in the vocabulary module occurred.

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getAllSupportedLanguages

```
java.util.List<de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.model.SupportedLanguage> getAllSupportedLanguages()
```

Returns:

List containing all languages for learning/translating supported by this application.

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getSupportedLanguageReferences

```
java.util.List<java.lang.String> getSupportedLanguageReferences(de.htwberlin.kba.gr7.vocabduel.vocabulary_administration.export.model.SupportedLanguage language)
```

Returns:

List containing all references to the given supported language.