Collaboratory

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Contents

Chapter 1

Class Index

1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

Chapter 2

Class Index

2.1 Class List

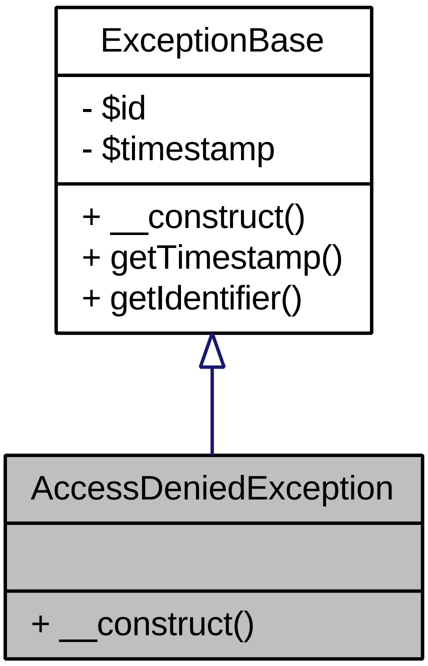
Here are the classes, structs, unions and interfaces with brief descriptions:

Chapter 3

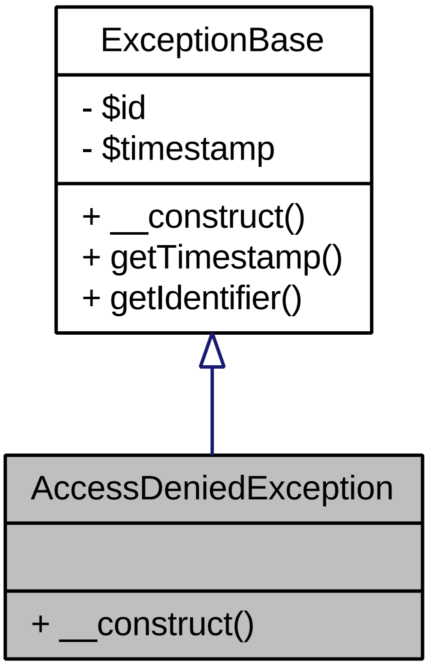
Class Documentation

3.1 AccessDeniedException Class Reference

Inheritance diagram for AccessDeniedException:



Collaboration diagram for AccessDeniedException:



Public Member Functions

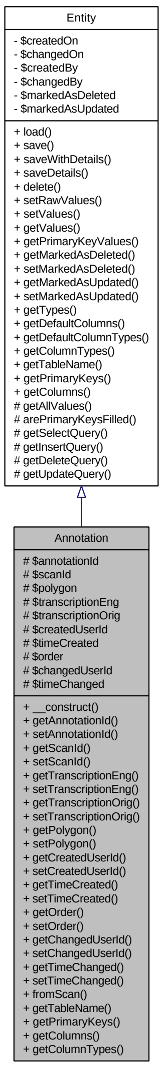
- **__construct** ($actionname)

The documentation for this class was generated from the following file:

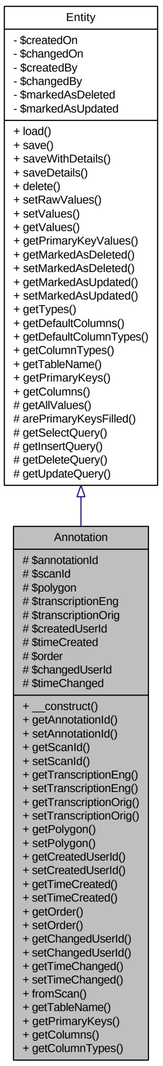
- www/backend/util/authentication.php

3.2 Annotation Class Reference

Inheritance diagram for Annotation:



Collaboration diagram for Annotation:



Public Member Functions

- __construct ($id=null)
- getAnnotationId ()
- **setAnnotationId** ($id)
- **getScanId** ()
- **setScanId** ($scanId)
- **getTranscriptionEng** ()
- **setTranscriptionEng** ($text)
- **getTranscriptionOrig** ()
- **setTranscriptionOrig** ($text)

- **getPolygon** ()
- **setPolygon** ($vertices)
- **getCreatedUserId** ()
- **setCreatedUserId** ($id)
- **getTimeCreated** ()
- **setTimeCreated** ($time)
- **getOrder** ()
- **setOrder** ($order)
- **getChangedUserId** ()
- **setChangedUserId** ($id)
- **getTimeChanged** ()
- **setTimeChanged** ($time)

Static Public Member Functions

- static fromScan ($scan)
- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Protected Attributes

- $annotationId
- $scanId
- $polygon
- $transcriptionEng
- $transcriptionOrig
- $createdUserId
- $timeCreated
- $order
- $changedUserId
- $timeChanged

3.2.1 Detailed Description

Class representing an annotation entity.

3.2.2 Constructor & Destructor Documentation

3.2.2.1 Annotation::__construct ($ *id* = `null`)

Constructs an annotation entity.

Parameters

$id Id of the annotation. Default (null) will create a new annotation.

3.2.3 Member Function Documentation

3.2.3.1 static Annotation::fromScan ($ *scan*) `[static]`

Returns all the annotations which belong to one scan

Parameters

$scan The scan model

Returns

Array of annotation models

3.2.3.2 Annotation::getAnnotationId ()

Getters and setters.

3.2.3.3 static Annotation::getColumns () `[static]`

Gets all the columns that are not primary keys as an array.

Reimplemented from Entity.

3.2.3.4 static Annotation::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.2.3.5 static Annotation::getPrimaryKeys () `[static]`

Get an array with the primary keys.

Reimplemented from Entity.

3.2.3.6 static Annotation::getTableName () `[static]`

Get the name of the corresponding table.

Reimplemented from Entity.

3.2.4 Member Data Documentation

3.2.4.1 Annotation::$annotationId `[protected]`

Id of this annotation.

3.2.4.2 Annotation::$changedUserId `[protected]`

The Id of the user who last modified this annotation.

3.2.4.3 Annotation::$createdUserId `[protected]`

The Id of the user who created this annotation.

3.2.4.4 Annotation::$order `[protected]`

The position of this annotation on the list of annotation which belong to one scan.

3.2.4.5 Annotation::$polygon `[protected]`

The polygon of this annotation.

3.2.4.6 Annotation::$scanId `[protected]`

Id of the scan to which this annotation belongs.

3.2.4.7 Annotation::$timeChanged `[protected]`

the time and date on which this annotation was last modified.

3.2.4.8 Annotation::$timeCreated `[protected]`

The time and date on which this annotation was created.

3.2.4.9 Annotation::$transcriptionEng `[protected]`

The English translation of the transcribed text.

3.2.4.10 Annotation::$transcriptionOrig `[protected]`

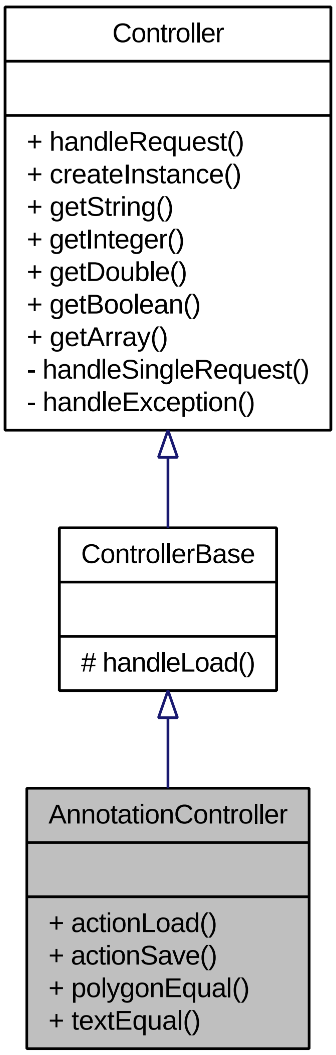
The transcribed text.

The documentation for this class was generated from the following file:

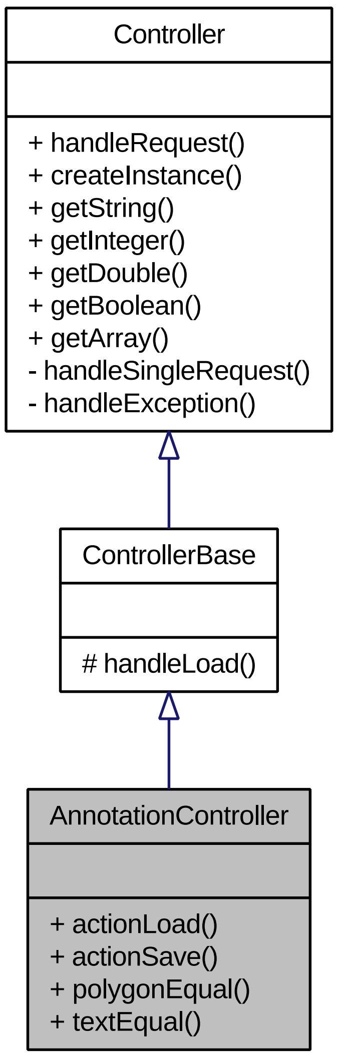
- www/backend/models/annotation/annotation.php

3.3 AnnotationController Class Reference

Inheritance diagram for AnnotationController:



Collaboration diagram for AnnotationController:



Public Member Functions

- actionLoad ($data)
- actionSave ($data)

Static Public Member Functions

- static polygonEqual ($a, $b)
- static textEqual ($a, $b)

3.3.1 Detailed Description

Annotation controller class.

3.3.2 Member Function Documentation

3.3.2.1 AnnotationController::actionLoad ($ *data*)

Loads annotations.

3.3.2.2 AnnotationController::actionSave ($ *data*)

Saves annotations.

3.3.2.3 static AnnotationController::polygonEqual ($ *a*, $ *b*) `[static]`

Compares two polygons for equality with delta.

3.3.2.4 static AnnotationController::textEqual ($ *a*, $ *b*) `[static]`

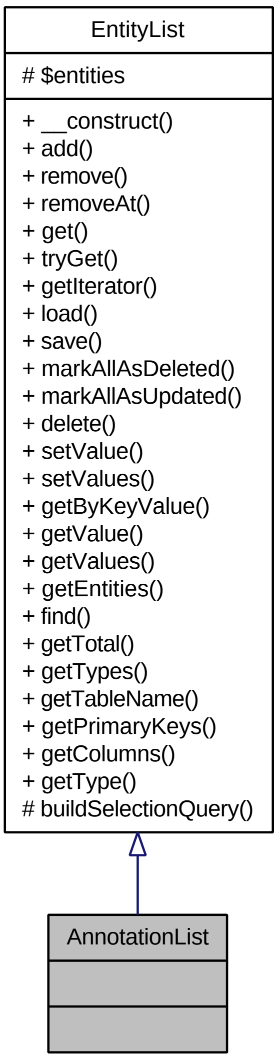
Compares two texts for equality, ignoring line ending differences and trailing/leading whitespace.

The documentation for this class was generated from the following file:

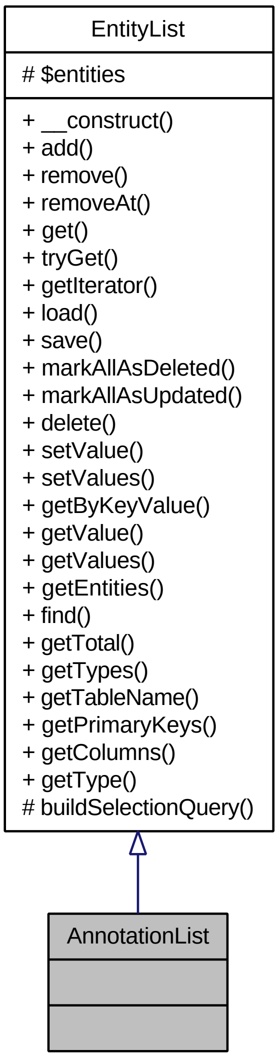
- www/backend/controllers/annotationcontroller.php

3.4 AnnotationList Class Reference

Inheritance diagram for AnnotationList:



Collaboration diagram for AnnotationList:



3.4.1 Detailed Description

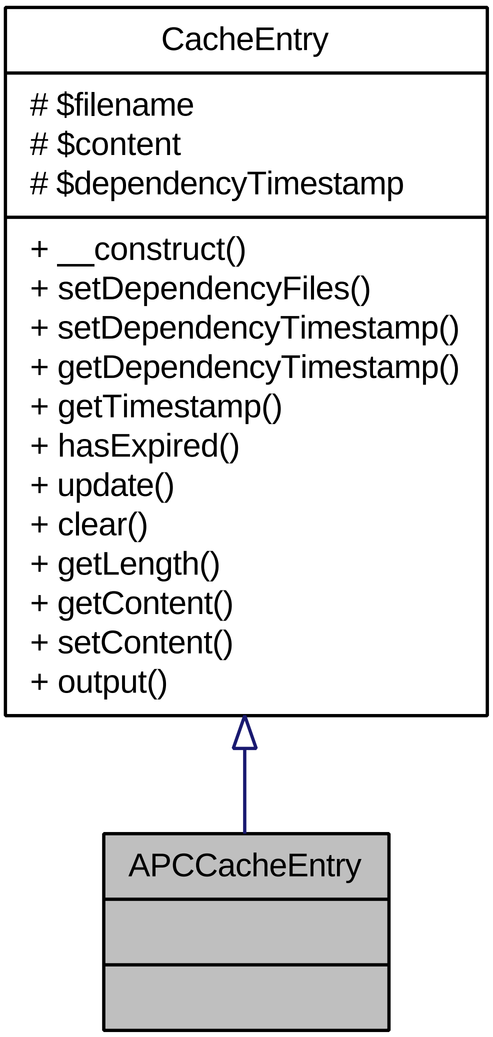
Class representing an annotation entity list.

The documentation for this class was generated from the following file:

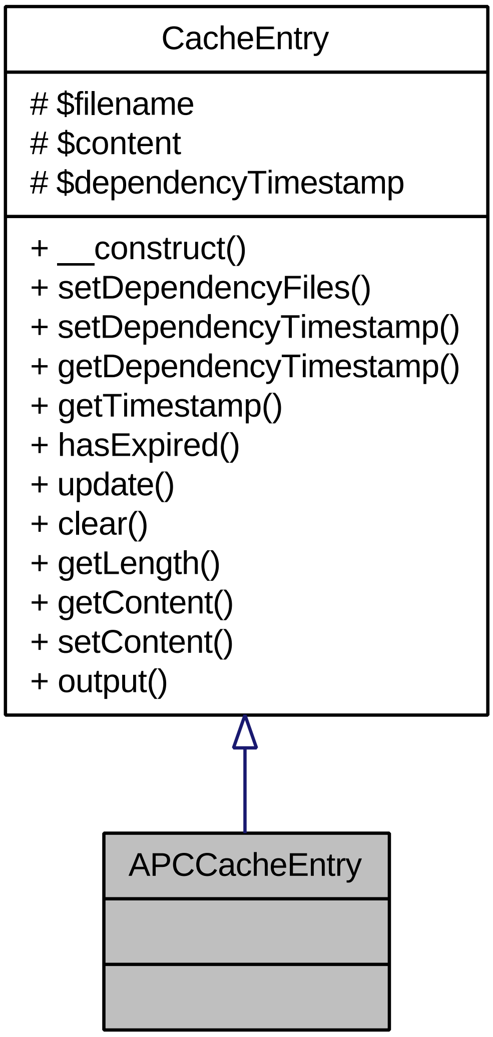
- www/backend/models/annotation/annotationlist.php

3.5 APCCacheEntry Class Reference

Inheritance diagram for APCCacheEntry:



Collaboration diagram for APCCacheEntry:



3.5.1 Detailed Description

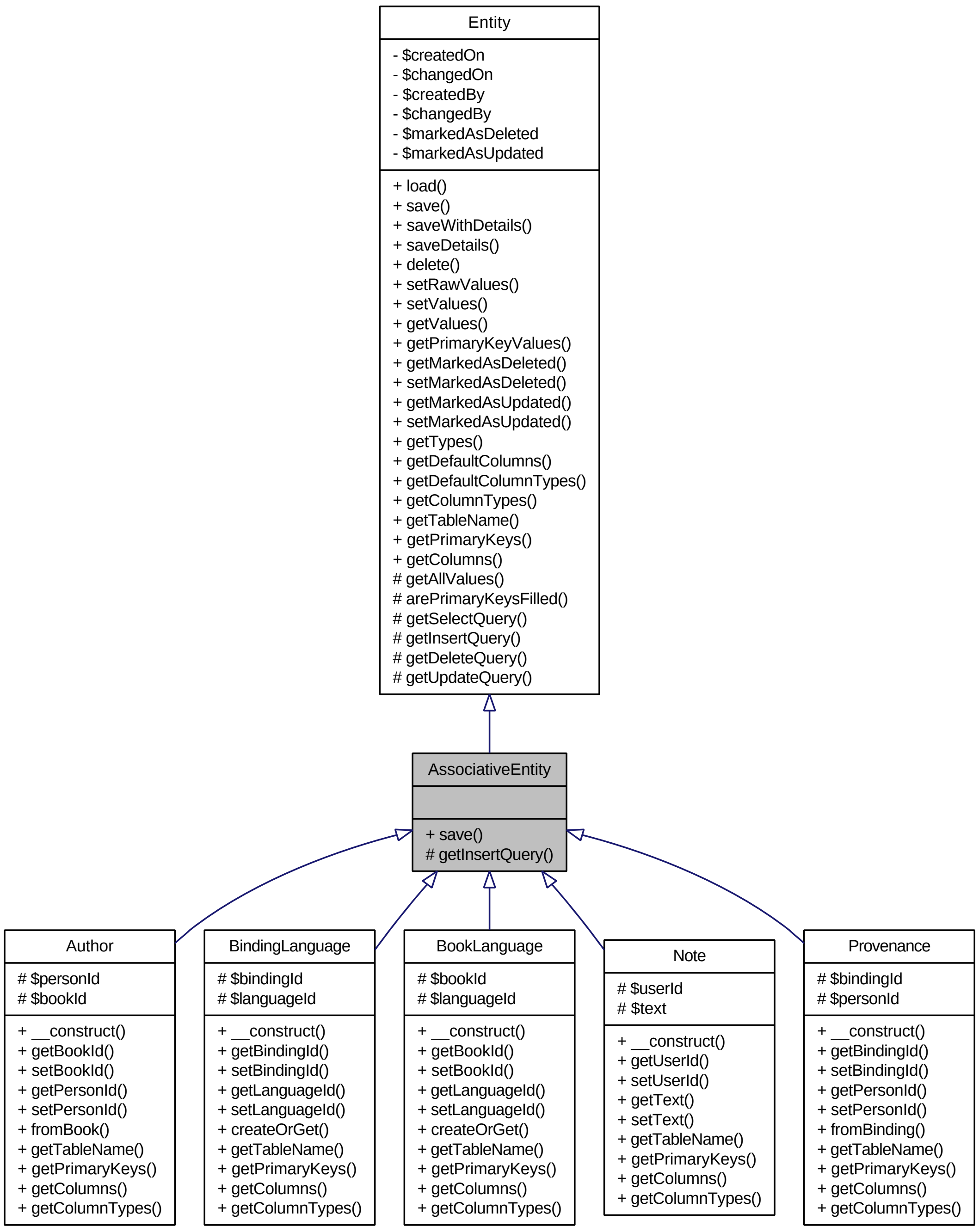
APC cache entry class.

The documentation for this class was generated from the following file:

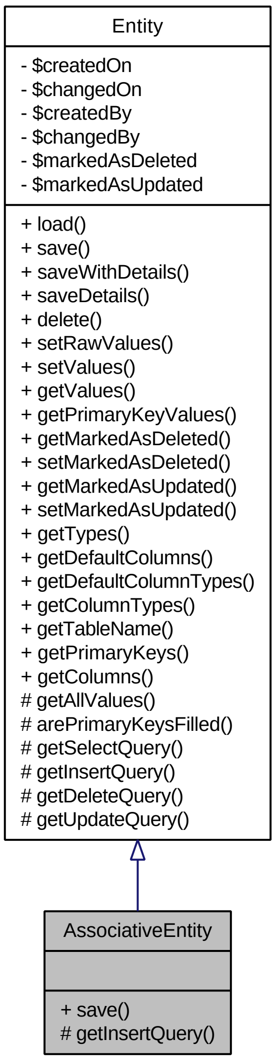
- www/backend/framework/util/cache.php

3.6 AssociativeEntity Class Reference

Inheritance diagram for AssociativeEntity:



Collaboration diagram for AssociativeEntity:



Public Member Functions

- save ()

Protected Member Functions

- getInsertQuery ($returning=false)

3.6.1 Detailed Description

A specific kind of entity representing 'associative' tables.

A table is considered associative if and only if all its primary keys are also foreign keys and are not automatically generated when doing an insertion.

3.6.2 Member Function Documentation

3.6.2.1 AssociativeEntity::getInsertQuery ($ *returning* = `false`) `[protected]`

Returns the query needed to insert this entity into the database.

Parameters

$returning If true, a returning clause is added to the query which returns all primary keys.

Returns

Query to insert this entity in the database.

Reimplemented from Entity.

3.6.2.2 AssociativeEntity::save ()

Overloads save() in such a manner that primary keys should always be set and that a new entry will be created if it does not exist yet.

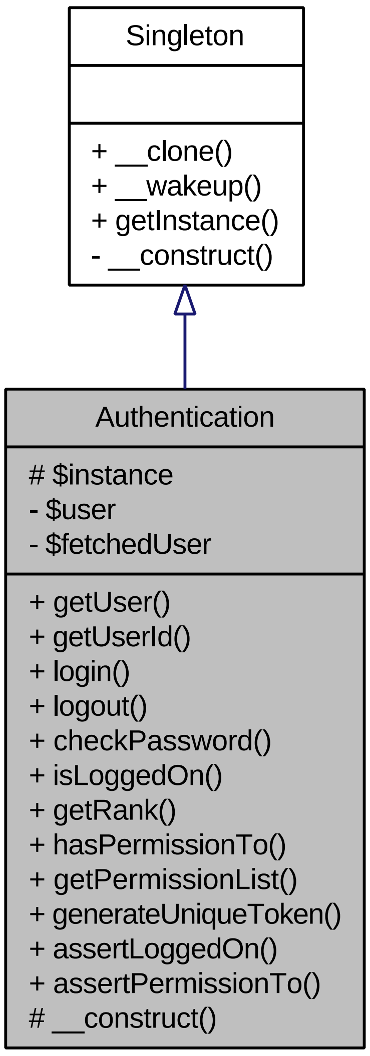
Reimplemented from Entity.

The documentation for this class was generated from the following file:

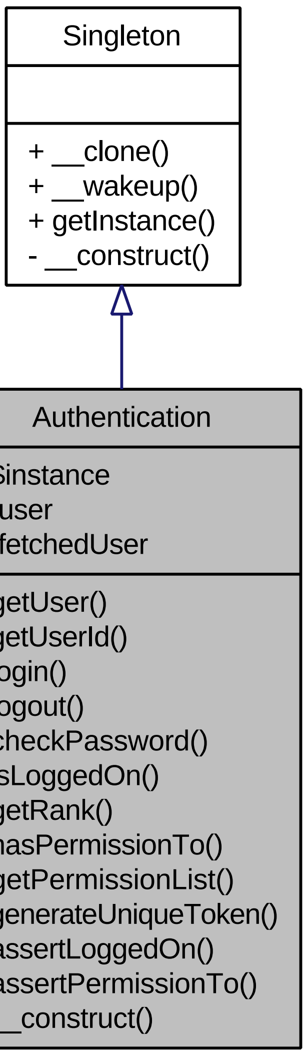
- www/backend/framework/database/assocentity.php

3.7 Authentication Class Reference

Inheritance diagram for Authentication:



Collaboration diagram for Authentication:



Public Member Functions

- getUser ()
- getUserId ()
- login ($username, $password)
- logout ()
- checkPassword ($password)
- isLoggedOn ()
- getRank ()
- hasPermissionTo ($action)
- getPermissionList ()

Static Public Member Functions

- static generateUniqueToken ()
- static assertLoggedOn ()
- static assertPermissionTo ($action)

Protected Member Functions

- __construct ()

Static Protected Attributes

- static $instance

3.7.1 Detailed Description

Authentication utility class.

3.7.2 Constructor & Destructor Documentation

3.7.2.1 Authentication::__construct () `[protected]`

Constructs an authentication class instance.

Reimplemented from Singleton.

3.7.3 Member Function Documentation

3.7.3.1 static Authentication::assertLoggedOn () `[static]`

Asserts that the user is logged on.

Throws an NotLoggedOnError in all other cases.

3.7.3.2 static Authentication::assertPermissionTo ($ *action*) `[static]`

Asserts that the currently logged in user, if any, has permission to perform the specified action.

Parameters

string $action The name of the action, there should be an entry with it in the Permissions table.

Exceptions

AccessDeniedException If the current user has no permission.

3.7.3.3 Authentication::checkPassword ($ *password*)

Checks a password of a user.

Parameters

$password The password of the user to check.

Returns

true or false.

3.7.3.4 static Authentication::generateUniqueToken () `[static]`

Generates a unique token.

Returns

string A string representing a unique 32-digit hexadecimal number.

3.7.3.5 Authentication::getPermissionList ()

Returns an array of all actions the currently logged in user is allowed to perform.

Returns

array An array of strings representing action names.

3.7.3.6 Authentication::getRank ()

Gets the rank of the current user.

Returns

The rank of the current user.

3.7.3.7 Authentication::getUser ()

Gets the currently logged on user.

Returns

The currently logged on user. Null if no user is logged on.

3.7.3.8 Authentication::getUserId ()

Gets the user id of the currently logged on user.

Returns

The user id.

3.7.3.9 Authentication::hasPermissionTo ($ *action*)

Indicates whether the currently logged in user, if any has permission to permorm the action with the specified name. If no users are logged in, it is checked whether guests are allowed to perform the specified action.

Parameters

string $action The name of the action, there should be an entry with it in the Permissions table.

Returns

bool Whether the current user has a rank high enough dor this action.

3.7.3.10 Authentication::isLoggedOn ()

Checks whether a user is logged on.

Returns

Whether a user is logged on.

3.7.3.11 Authentication::login ($ *username*, $ *password*)

Logs a user in.

Parameters

$username The username of the user to log in.

$password The password of the user to log in.

Returns

The new user.

Exceptions

UserBannedException If the user is banned.

UserPendingException If the user is not yet activated.

UserNotFoundException If no user with the provided username/password combination exists.

3.7.3.12 Authentication::logout ()

Logs the current user out.

3.7.4 Member Data Documentation

3.7.4.1 Authentication::$instance `[static, protected]`

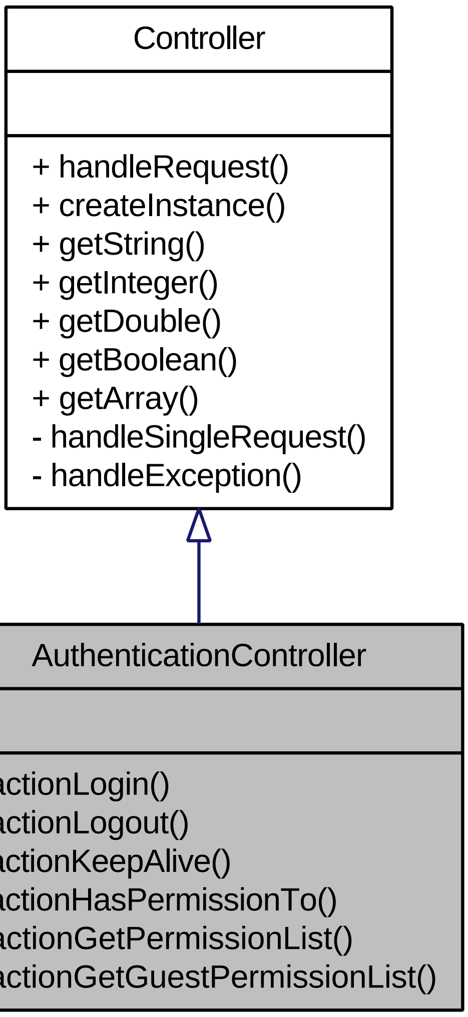
Unique instance.

The documentation for this class was generated from the following file:

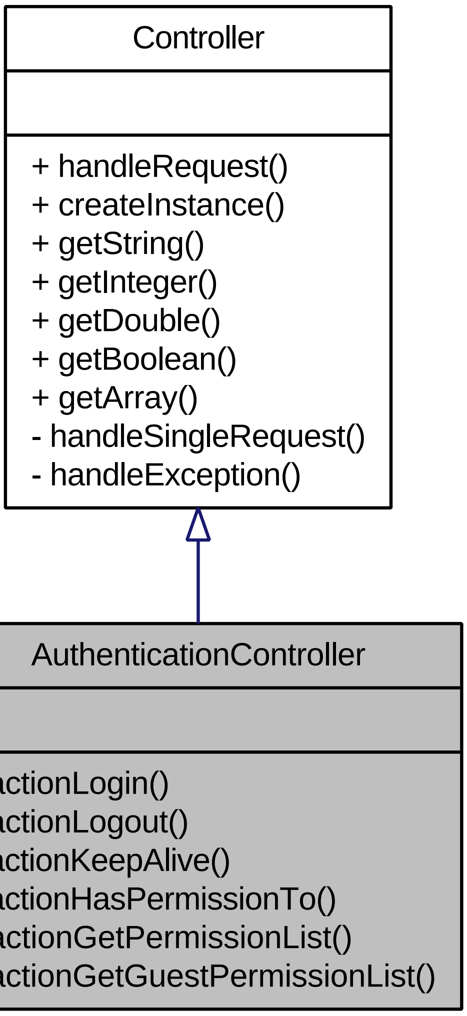
- www/backend/util/authentication.php

3.8 AuthenticationController Class Reference

Inheritance diagram for AuthenticationController:



Collaboration diagram for AuthenticationController:



Public Member Functions

- actionLogin ($data)
- actionLogout ($data)
- actionKeepAlive ($data)
- actionHasPermissionTo ($data)
- actionGetPermissionList ()
- actionGetGuestPermissionList ()

3.8.1 Detailed Description

Authentication controller class.

3.8.2 Member Function Documentation

3.8.2.1 AuthenticationController::actionGetGuestPermissionList ()

Returns a list of a guest's permissions

3.8.2.2 AuthenticationController::actionGetPermissionList ()

Returns a list of the user's permissions

3.8.2.3 AuthenticationController::actionHasPermissionTo ($ *data*)

Checks whether a user has permission to do something

3.8.2.4 AuthenticationController::actionKeepAlive ($ *data*)

Checks whether to keep alive auser and sends back the results

3.8.2.5 AuthenticationController::actionLogin ($ *data*)

Login

3.8.2.6 AuthenticationController::actionLogout ($ *data*)

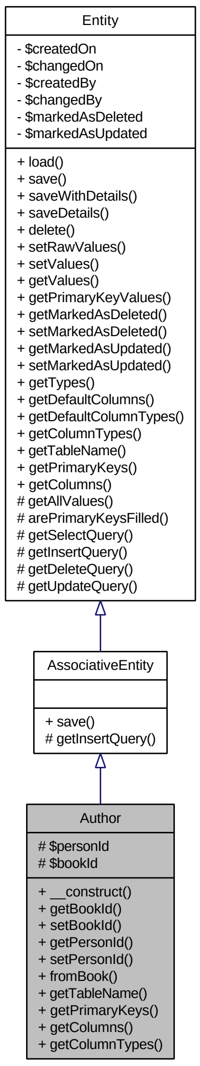
Logout

The documentation for this class was generated from the following file:

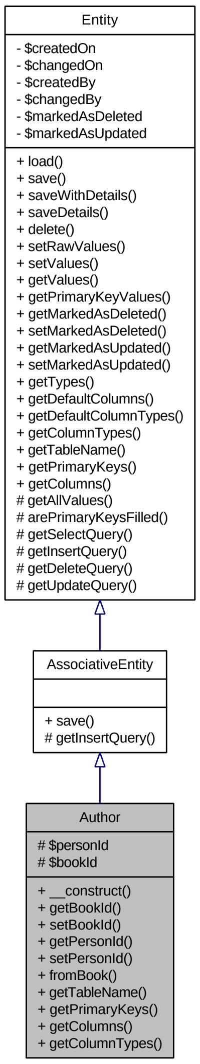
- www/backend/controllers/authenticationcontroller.php

3.9 Author Class Reference

Inheritance diagram for Author:



Collaboration diagram for Author:



Public Member Functions

- __construct ($personId=null, $bookId=null, $createNew=false)
- getBookId ()
- **setBookId** ($bookId)
- **getPersonId** ()
- **setPersonId** ($personId)

Static Public Member Functions

- static fromBook ($book)

- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Protected Attributes

- $personId
- $bookId

3.9.1 Detailed Description

Class representing a author entity. Associatieve between book and person.

3.9.2 Constructor & Destructor Documentation

3.9.2.1 Author::__construct ($ *personId* = `null`, $ *bookId* = `null`, $ *createNew* = `false`)

Constructs an author entity by a person and book id.

Parameters

$personId

$bookId

$createNew If true, a new author will be created if the specified one did not exist yet. If one already exists, it doesn't really matter whether this is true or false.

3.9.3 Member Function Documentation

3.9.3.1 static Author::fromBook ($ *book*) `[static]`

Returns all the authors which belong to one book

Parameters

$book The book model

Returns

Array of author models

3.9.3.2 Author::getBookId ()

Getters and setters.

3.9.3.3 static Author::getColumns () `[static]`

Gets all the columns.

Returns

Array of all columns, except primary keys.

Reimplemented from Entity.

3.9.3.4 static Author::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.9.3.5 static Author::getPrimaryKeys () `[static]`

Gets the primary keys.

Returns

Array of all primary keys.

Reimplemented from Entity.

3.9.3.6 static Author::getTableName () `[static]`

Gets the table name.

Returns

The table name.

Reimplemented from Entity.

3.9.4 Member Data Documentation

3.9.4.1 Author::$bookId `[protected]`

Book id.

3.9.4.2 Author::$personId `[protected]`

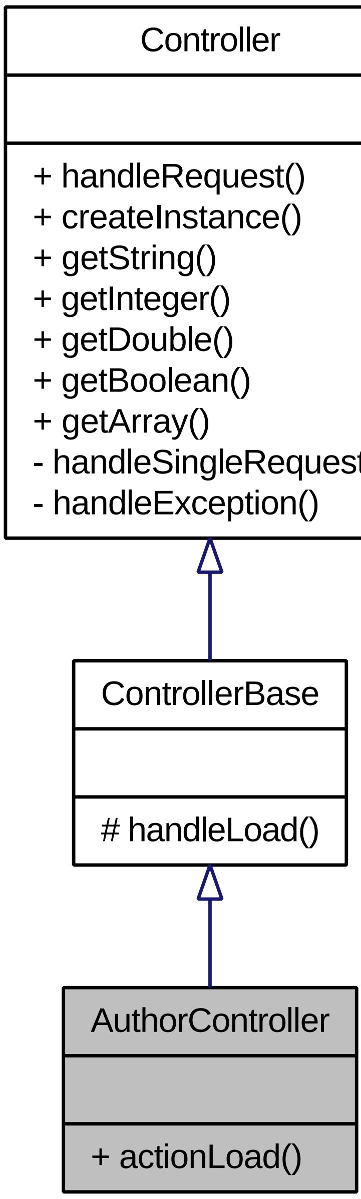
Person id.

The documentation for this class was generated from the following file:

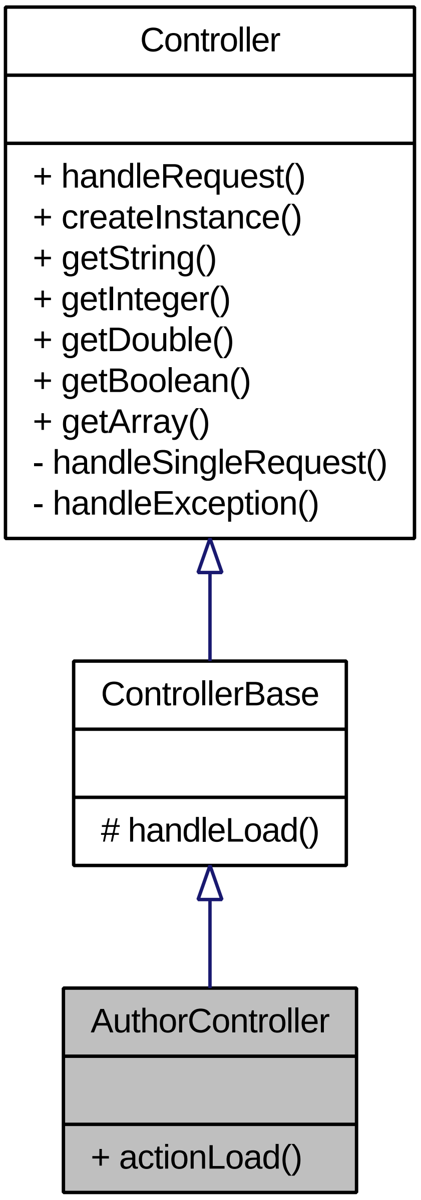
- www/backend/models/author/author.php

3.10 AuthorController Class Reference

Inheritance diagram for AuthorController:



Collaboration diagram for AuthorController:



Public Member Functions

- actionLoad ($data)

3.10.1 Detailed Description

Author controller class.

3.10.2 Member Function Documentation

3.10.2.1 AuthorController::actionLoad ($ *data*)

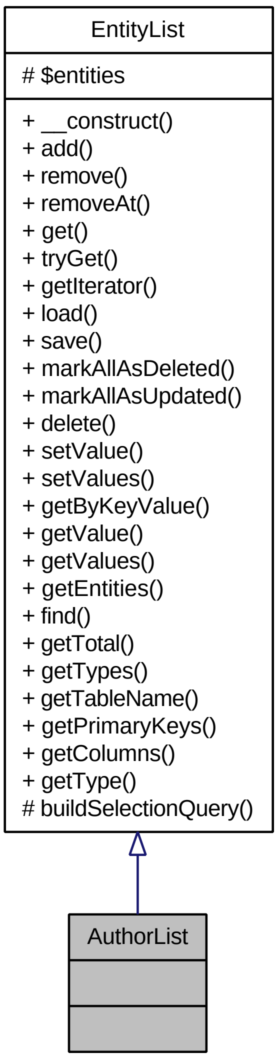
Loads authors.

The documentation for this class was generated from the following file:

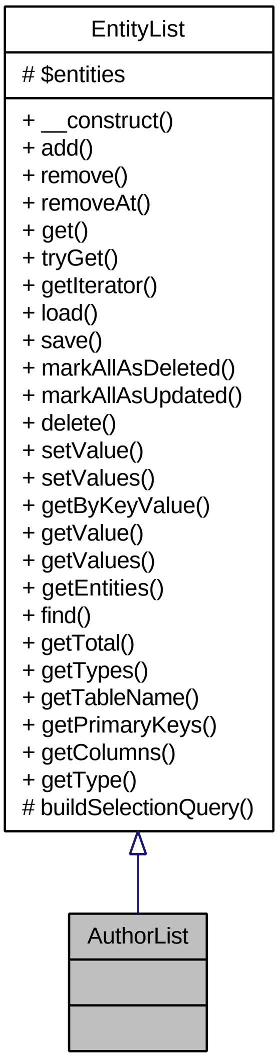
- www/backend/controllers/authorcontroller.php

3.11 AuthorList Class Reference

Inheritance diagram for AuthorList:



Collaboration diagram for AuthorList:



3.11.1 Detailed Description

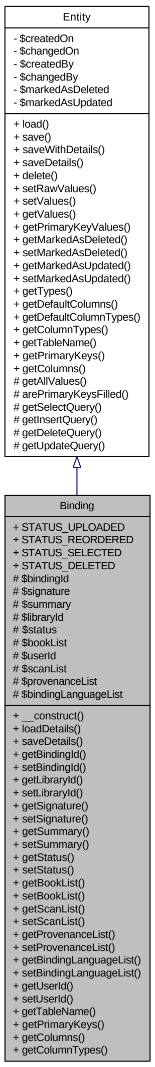
Class representing an author entity list.

The documentation for this class was generated from the following file:

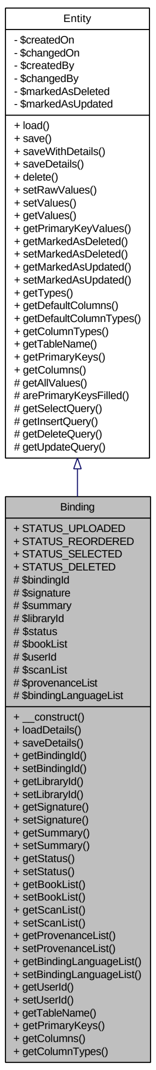
- www/backend/models/author/authorlist.php

3.12 Binding Class Reference

Inheritance diagram for Binding:



Collaboration diagram for Binding:



Public Member Functions

- __construct ($id=null)
- loadDetails ()
- saveDetails ()
- getBindingId ()
- **setBindingId** ($bindingId)
- **getLibraryId** ()
- **setLibraryId** ($libraryId)
- **getSignature** ()
- **setSignature** ($signature)

- **getSummary** ()
- **setSummary** ($summary)
- **getStatus** ()
- **setStatus** ($status)
- **getBookList** ()
- **setBookList** ($bookList)
- **getScanList** ()
- **setScanList** ($scanList)
- **getProvenanceList** ()
- **setProvenanceList** ($provenanceList)
- **getBindingLanguageList** ()
- **setBindingLanguageList** ($bindingLanguageList)
- **getUserId** ()
- **setUserId** ($userId)

Static Public Member Functions

- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Public Attributes

- const STATUS_UPLOADED = 0
- const **STATUS_REORDERED** = 1
- const **STATUS_SELECTED** = 2
- const **STATUS_DELETED** = 3

Protected Attributes

- $bindingId
- $signature
- $summary
- $libraryId
- $status
- $bookList
- $userId
- $scanList
- $provenanceList
- $bindingLanguageList

3.12.1 Detailed Description

Class representing a binding entity.

3.12.2 Constructor & Destructor Documentation

3.12.2.1 Binding::__construct ($ *id* = `null`)

Constructs a binding by id.

Parameters

$id Id of the binding. Default (null) will create a new binding.

3.12.3 Member Function Documentation

3.12.3.1 Binding::getBindingId ()

Getters and setters.

3.12.3.2 static Binding::getColumns () `[static]`

Gets all the columns.

Returns

Array of all columns, except primary keys.

Reimplemented from Entity.

3.12.3.3 static Binding::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.12.3.4 static Binding::getPrimaryKeys () `[static]`

Gets the primary keys.

Returns

Array of all primary keys.

Reimplemented from Entity.

3.12.3.5 static Binding::getTableName () `[static]`

Gets the table name.

Returns

The table name.

Reimplemented from Entity.

3.12.3.6 Binding::loadDetails ()

Loads all associtated entity lists.

3.12.3.7 Binding::saveDetails ()

Saves all associated entity lists.

Reimplemented from Entity.

3.12.4 Member Data Documentation

3.12.4.1 Binding::$bindingId `[protected]`

Id of this binding.

3.12.4.2 Binding::$bindingLanguageList `[protected]`

List of all languages of the annotations in this book.

3.12.4.3 Binding::$bookList `[protected]`

Books for this binding.

3.12.4.4 Binding::$libraryId `[protected]`

Library

3.12.4.5 Binding::$provenanceList `[protected]`

List of all provenances for this book.

3.12.4.6 Binding::$scanList `[protected]`

List of all scans for this book.

3.12.4.7 Binding::$signature `[protected]`

Signature of the binding

3.12.4.8 Binding::$status `[protected]`

Binding status

3.12.4.9 Binding::$summary `[protected]`

Summary of the contents of the binding.

3.12.4.10 Binding::$userId `[protected]`

User this binding was created by.

3.12.4.11 const Binding::STATUS_UPLOADED = 0

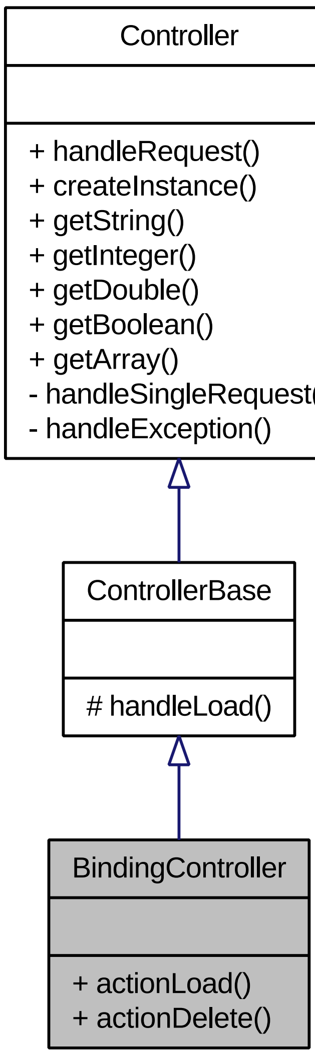
Binding status constants.

The documentation for this class was generated from the following file:

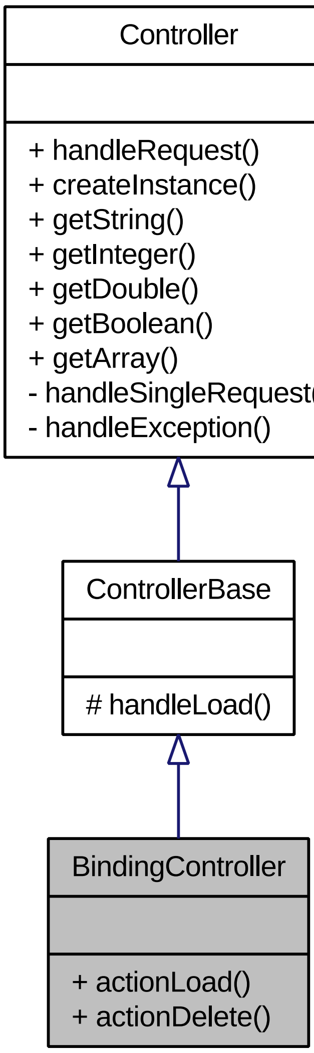
- www/backend/models/binding/binding.php

3.13 BindingController Class Reference

Inheritance diagram for BindingController:



Collaboration diagram for BindingController:



Public Member Functions

- actionLoad ($data)
- actionDelete ($data)

3.13.1 Detailed Description

Binding controller class.

3.13.2 Member Function Documentation

3.13.2.1 BindingController::actionDelete ($ *data*)

Deletes a binding

3.13.2.2 BindingController::actionLoad ($ *data*)

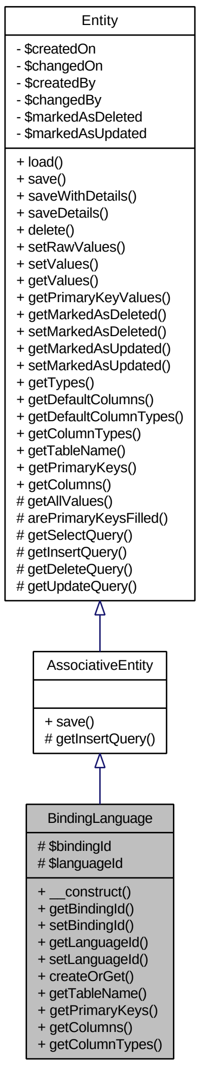
Loads bindings.

The documentation for this class was generated from the following file:

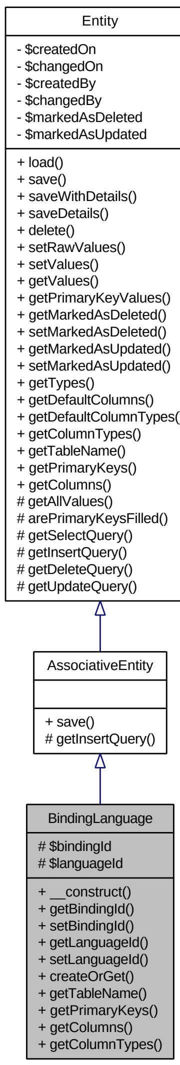
- www/backend/controllers/bindingcontroller.php

3.14 BindingLanguage Class Reference

Inheritance diagram for BindingLanguage:



Collaboration diagram for BindingLanguage:



Public Member Functions

- __construct ($bindingId=null, $languageId=null, $createNew=false)
- getBindingId ()
- **setBindingId** ($bindingId)
- **getLanguageId** ()
- **setLanguageId** ($id)

Static Public Member Functions

- static createOrGet ($binding, $language)

- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Protected Attributes

- $bindingId
- $languageId

3.14.1 Detailed Description

Associative enity representing the language of a binding.

3.14.2 Constructor & Destructor Documentation

3.14.2.1 BindingLanguage::__construct ($ *bindingId* = `null`, $ *languageId* = `null`, $ *createNew* = `false`)

Constructs a binding-language relation.

Parameters

$bindingId

$languageId

$createNew If true, a new relation will be created if the specified one did not exist yet. If one already exists, it doesn't really matter whether this is true or false.

3.14.3 Member Function Documentation

3.14.3.1 static BindingLanguage::createOrGet ($ *binding*, $ *language*) `[static]`

Creates a new relation between a binding and a language or retreives one if it already exists.

The id's of the binding and the language should be set.

Parameters

Binding	$binding
Language	$language

3.14.3.2 BindingLanguage::getBindingId ()

Getters and setters.

3.14.3.3 static BindingLanguage::getColumns () `[static]`

Gets all the columns.

Returns

Array of all columns, except primary keys.

Reimplemented from Entity.

3.14.3.4 static BindingLanguage::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.14.3.5 static BindingLanguage::getPrimaryKeys () `[static]`

Gets the primary keys.

Returns

Array of all primary keys.

Reimplemented from Entity.

3.14.3.6 static BindingLanguage::getTableName () `[static]`

Gets the table name.

Returns

The table name.

Reimplemented from Entity.

3.14.4 Member Data Documentation

3.14.4.1 BindingLanguage::$bindingId `[protected]`

Binding.

3.14.4.2 BindingLanguage::$languageId `[protected]`

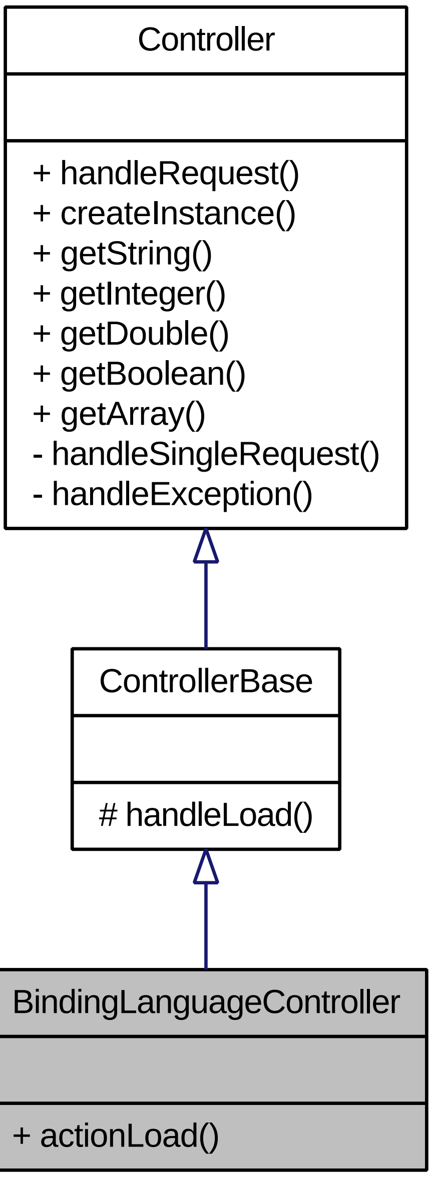
Language.

The documentation for this class was generated from the following file:

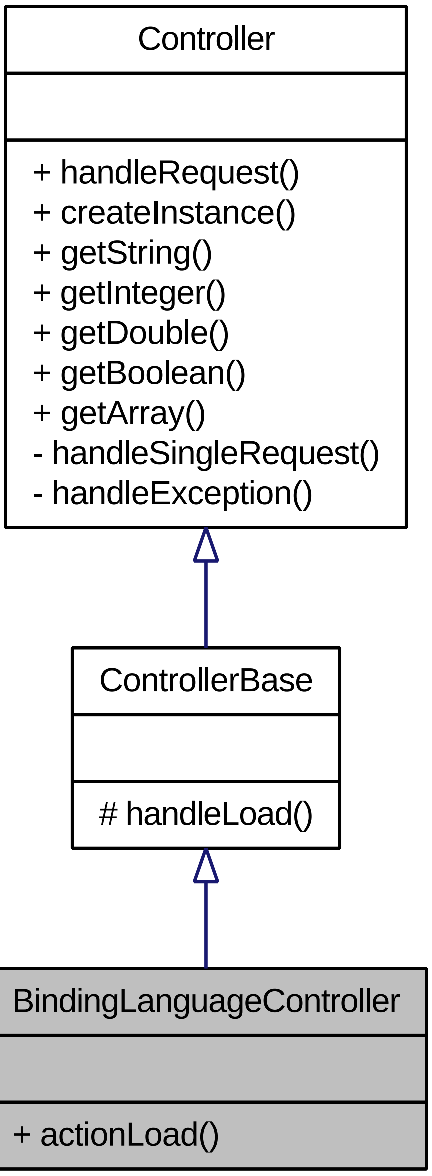
- www/backend/models/language/bindinglanguage.php

3.15 BindingLanguageController Class Reference

Inheritance diagram for BindingLanguageController:



Collaboration diagram for BindingLanguageController:



Public Member Functions

- actionLoad ($data)

3.15.1 Detailed Description

Binding controller class.

3.15.2 Member Function Documentation

3.15.2.1 BindingLanguageController::actionLoad ($ *data*)

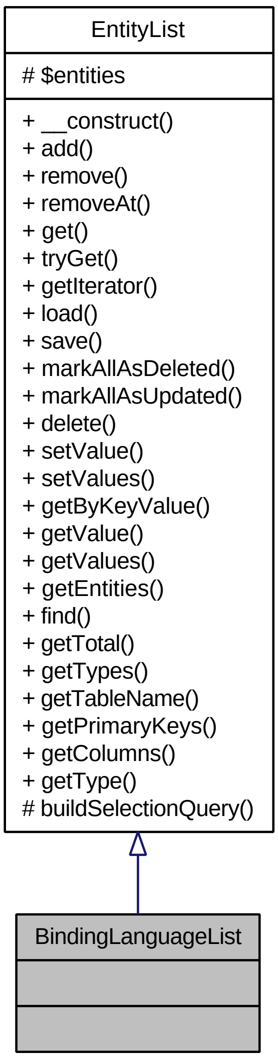
Loads provenances.

The documentation for this class was generated from the following file:

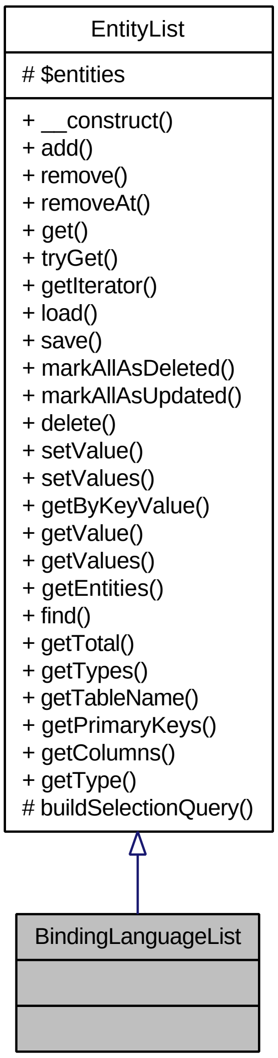
- www/backend/controllers/bindinglanguagecontroller.php

3.16 BindingLanguageList Class Reference

Inheritance diagram for BindingLanguageList:



Collaboration diagram for BindingLanguageList:



3.16.1 Detailed Description

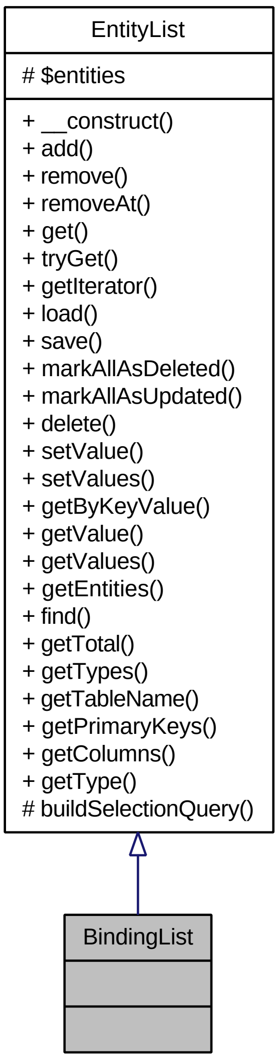
Class representing a binding language entity list.

The documentation for this class was generated from the following file:

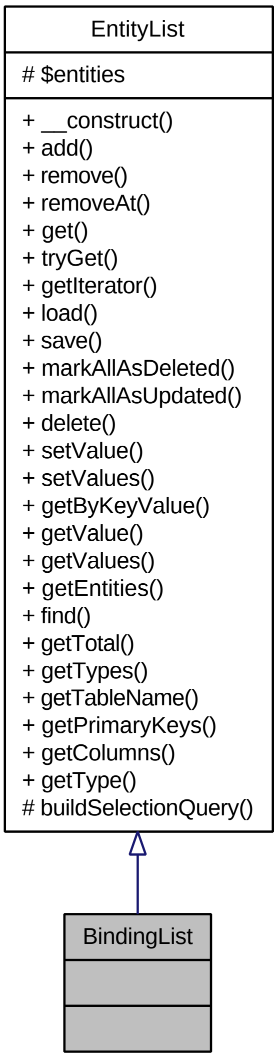
- www/backend/models/language/bindinglanguagelist.php

3.17 BindingList Class Reference

Inheritance diagram for BindingList:



Collaboration diagram for BindingList:



3.17.1 Detailed Description

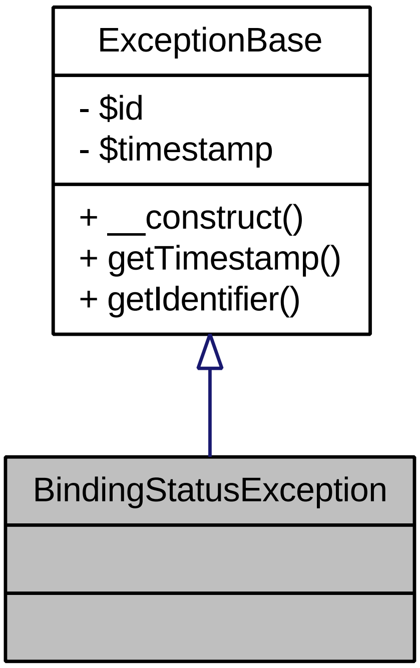
Class representing a binding entity list.

The documentation for this class was generated from the following file:

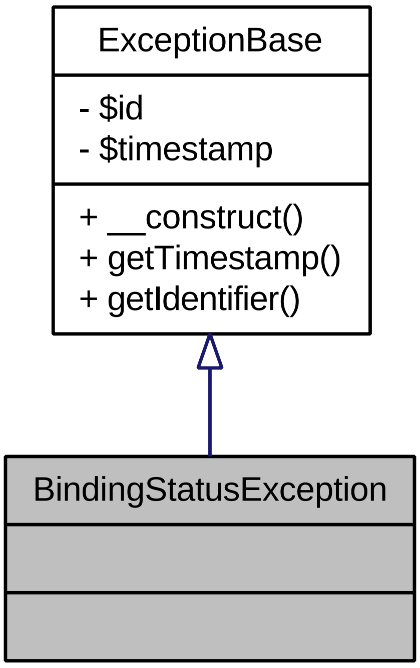
- www/backend/models/binding/bindinglist.php

3.18 BindingStatusException Class Reference

Inheritance diagram for BindingStatusException:



Collaboration diagram for BindingStatusException:



3.18.1 Detailed Description

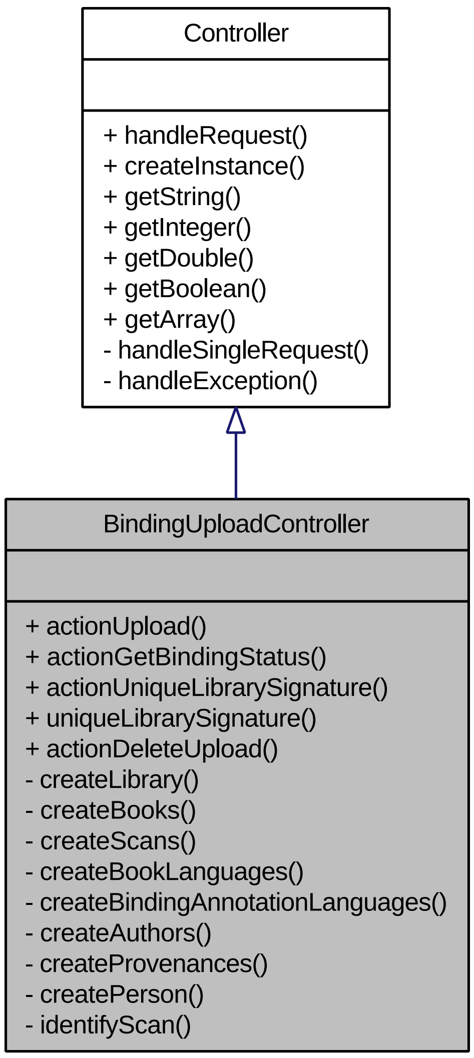
Exceptions.

The documentation for this class was generated from the following file:

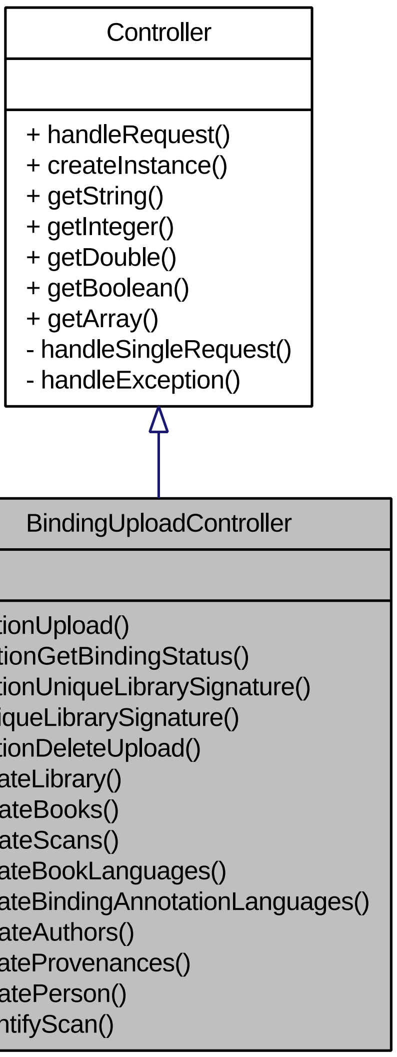
- www/backend/controllers/bindinguploadcontroller.php

3.19 BindingUploadController Class Reference

Inheritance diagram for BindingUploadController:



Collaboration diagram for BindingUploadController:



Public Member Functions

- actionUpload ($data)
- actionGetBindingStatus ($data)
- actionUniqueLibrarySignature ($data)
- uniqueLibrarySignature ($libraryName, $signature, $bindingId)
- actionDeleteUpload ($data)

3.19.1 Detailed Description

Binding upload controller class.

3.19.2 Member Function Documentation

3.19.2.1 BindingUploadController::actionDeleteUpload ($ *data*)

Deletes a binding.

3.19.2.2 BindingUploadController::actionGetBindingStatus ($ *data*)

Returns the binding and it's status which the user is currently uploading/modifying

3.19.2.3 BindingUploadController::actionUniqueLibrarySignature ($ *data*)

Returns whether the combination of library and signature in the sent data is unique.

3.19.2.4 BindingUploadController::actionUpload ($ *data*)

Uploads a binding.

3.19.2.5 BindingUploadController::uniqueLibrarySignature ($ *libraryName*, $ *signature*, $ *bindingId*)

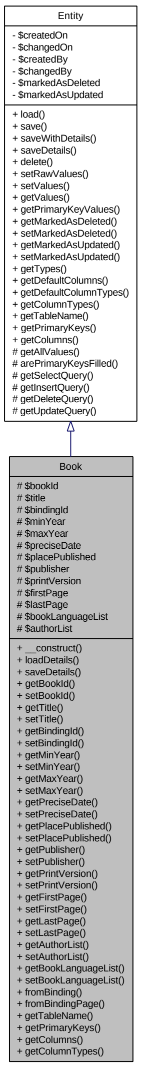
Returns whether the inputcombination of library and signature is unique.

The documentation for this class was generated from the following file:

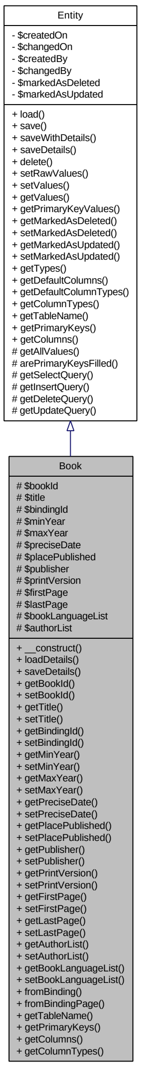
- www/backend/controllers/bindinguploadcontroller.php

3.20 Book Class Reference

Inheritance diagram for Book:



Collaboration diagram for Book:



Public Member Functions

- __construct ($id=null)
- loadDetails ()
- saveDetails ()
- getBookId ()
- **setBookId** ($bookId)
- **getTitle** ()
- **setTitle** ($title)
- **getBindingId** ()
- **setBindingId** ($bindingId)

- **getMinYear** ()
- **setMinYear** ($minYear)
- **getMaxYear** ()
- **setMaxYear** ($maxYear)
- **getPreciseDate** ()
- **setPreciseDate** ($preciseDate)
- **getPlacePublished** ()
- **setPlacePublished** ($placePublished)
- **getPublisher** ()
- **setPublisher** ($publisher)
- **getPrintVersion** ()
- **setPrintVersion** ($printVersion)
- **getFirstPage** ()
- **setFirstPage** ($page)
- **getLastPage** ()
- **setLastPage** ($page)
- **getAuthorList** ()
- **setAuthorList** ($authorList)
- **getBookLanguageList** ()
- **setBookLanguageList** ($bookLanguageList)

Static Public Member Functions

- static fromBinding ($binding)
- static fromBindingPage ($binding, $range)
- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Protected Attributes

- $bookId
- $title
- $bindingId
- $minYear
- $maxYear
- $preciseDate
- $placePublished
- $publisher
- $printVersion
- $firstPage
- $lastPage
- $bookLanguageList
- $authorList

3.20.1 Detailed Description

Class representing a book entity.

3.20.2 Constructor & Destructor Documentation

3.20.2.1 Book::__construct ($ *id* = `null`)

Constructs a book by id.

Parameters

$id Id of the book. Default (null) will create a new book.

3.20.3 Member Function Documentation

3.20.3.1 static Book::fromBinding ($ *binding*) `[static]`

Returns all the books from one binding

Parameters

$binding The binding model

Returns

Array of book models

3.20.3.2 static Book::fromBindingPage ($ *binding*, $ *range*) `[static]`

Returns all the books from one binding in a certain page range

Parameters

$book The book model

$range The page range

Returns

Array of book models

3.20.3.3 Book::getBookId ()

Getters and setters.

3.20.3.4 static Book::getColumns () `[static]`

Gets all the columns.

Returns

Array of all columns, except primary keys.

Reimplemented from Entity.

3.20.3.5 static Book::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.20.3.6 static Book::getPrimaryKeys () `[static]`

Gets the primary keys.

Returns

Array of all primary keys.

Reimplemented from Entity.

3.20.3.7 static Book::getTableName () `[static]`

Gets the table name.

Returns

The table name.

Reimplemented from Entity.

3.20.3.8 Book::loadDetails ()

Loads all the associated lists.

3.20.3.9 Book::saveDetails ()

Saves all the associated lists.

Reimplemented from Entity.

3.20.4 Member Data Documentation

3.20.4.1 Book::$authorList `[protected]`

list containing all the authors of this book.

3.20.4.2 Book::$bindingId `[protected]`

Binding identifier of the binding this book is part of.

3.20.4.3 Book::$bookId `[protected]`

Id of this book.

3.20.4.4 Book::$bookLanguageList `[protected]`

list containing all the languages linked to this book.

3.20.4.5 Book::$firstPage `[protected]`

First page.

3.20.4.6 Book::$lastPage `[protected]`

Last page.

3.20.4.7 Book::$maxYear `[protected]`

Maximum year of publication.

3.20.4.8 Book::$minYear `[protected]`

Minimum year of publication.

3.20.4.9 Book::$placePublished `[protected]`

Place of publication.

3.20.4.10 Book::$preciseDate `[protected]`

Precise date of publication.

3.20.4.11 Book::$printVersion `[protected]`

Version of the book.

3.20.4.12 Book::$publisher `[protected]`

Publisher of the book.

3.20.4.13 Book::$title `[protected]`

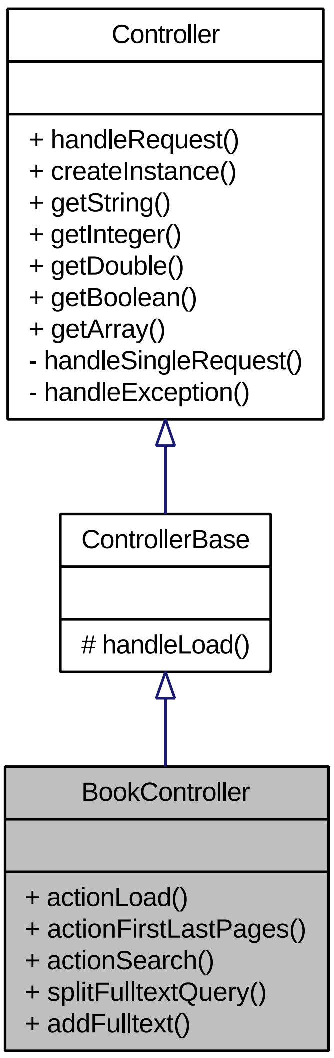
Title of this book.

The documentation for this class was generated from the following file:

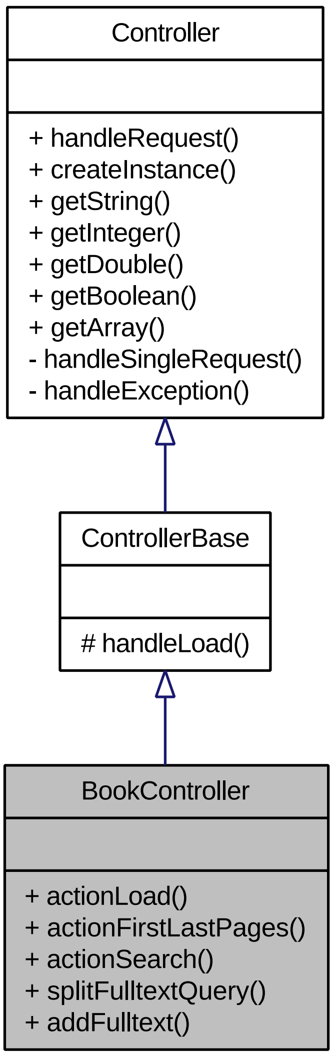
- www/backend/models/book/book.php

3.21 BookController Class Reference

Inheritance diagram for BookController:



Collaboration diagram for BookController:



Public Member Functions

- actionLoad ($data)
- actionFirstLastPages ($data)
- actionSearch ($data)

Static Public Member Functions

- static splitFulltextQuery ($query)
- static addFulltext ($name, $columns, $value, $addheadline, $altvector, Query &$query, array &$binds, &$c, &$headline)

3.21.1 Detailed Description

Book controller class.

3.21.2 Member Function Documentation

3.21.2.1 BookController::actionFirstLastPages ($ *data*)

Sets the first and last pages of the books

3.21.2.2 BookController::actionLoad ($ *data*)

Loads books.

3.21.2.3 BookController::actionSearch ($ *data*)

Searches for books.

3.21.2.4 static BookController::addFulltext ($ *name*, $ *columns*, $ *value*, $ *addheadline*, $ *altvector*, Query &$ *query*, array &$ *binds*, &$ *c*, &$ *headline*) `[static]`

Adds a fulltext query to the given query.

Parameters

string $name The name of this fulltext query (for binding name).

mixed $columns The columns to search on.

string $value The user-supplied search string.

boolean $addheadline Whether to add this fulltext query to the headlines.

string $altvector A (indexed) vector for the given column, if available. Only valid for a single column.

Query $query The query to operate on.

array $binds The current array of bindings.

int $c The current binding counter.

string $headline The current headline query string.

3.21.2.5 static BookController::splitFulltextQuery ($ *query*) `[static]`

Splits a fulltext user-input query into distinct queries.

This method provides with:

- a list of exact (quoted) query parts in Postgres format,

- a fulltext Postgres query string for all other parts,
- a headline fulltext Postgres query string for this query.

Parameters

string $query The user specified query, using - for NOT and double quotes for quoting.

Returns

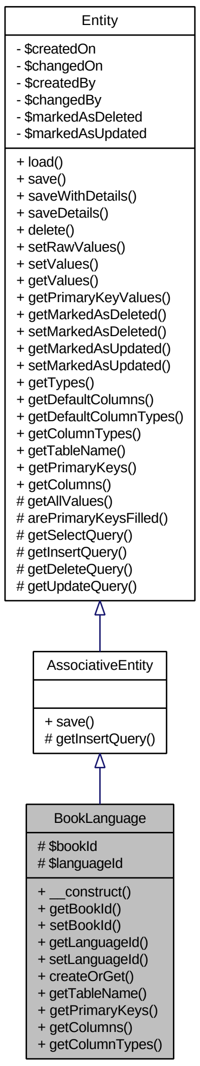
array The split fulltext query.

The documentation for this class was generated from the following file:

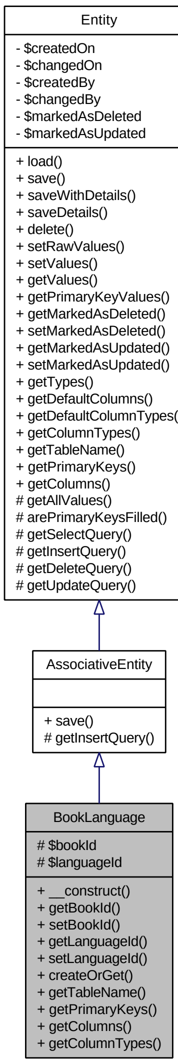
- www/backend/controllers/bookcontroller.php

3.22 BookLanguage Class Reference

Inheritance diagram for BookLanguage:



Collaboration diagram for BookLanguage:



Public Member Functions

- __construct ($bookId=null, $languageId=null, $createNew=false)
- getBookId ()
- **setBookId** ($bookId)
- **getLanguageId** ()
- **setLanguageId** ($id)

Static Public Member Functions

- static createOrGet ($book, $language)

- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Protected Attributes

- $bookId
- $languageId

3.22.1 Detailed Description

Associative enity representing the language of a book.

3.22.2 Constructor & Destructor Documentation

3.22.2.1 BookLanguage::__construct ($ *bookId* = `null`, $ *languageId* = `null`, $ *createNew* = `false`)

Constructs a book-language relation.

Parameters

$bookId

$languageId

$createNew If true, a new relation will be created if the specified one did not exist yet. If one already exists, it doesn't really matter whether this is true or false.

3.22.3 Member Function Documentation

3.22.3.1 static BookLanguage::createOrGet ($ *book*, $ *language*) `[static]`

Creates a new relation between a book and a language or retreives one if it already exists.

The id's of the book and the language should be set.

Parameters

Book $book

Language $language

3.22.3.2 BookLanguage::getBookId ()

Getters and setters.

3.22.3.3 static BookLanguage::getColumns () `[static]`

Gets all the columns.

Returns

Array of all columns, except primary keys.

Reimplemented from Entity.

3.22.3.4 static BookLanguage::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.22.3.5 static BookLanguage::getPrimaryKeys () `[static]`

Gets the primary keys.

Returns

Array of all primary keys.

Reimplemented from Entity.

3.22.3.6 static BookLanguage::getTableName () `[static]`

Gets the table name.

Returns

The table name.

Reimplemented from Entity.

3.22.4 Member Data Documentation

3.22.4.1 BookLanguage::$bookId `[protected]`

Book.

3.22.4.2 BookLanguage::$languageId `[protected]`

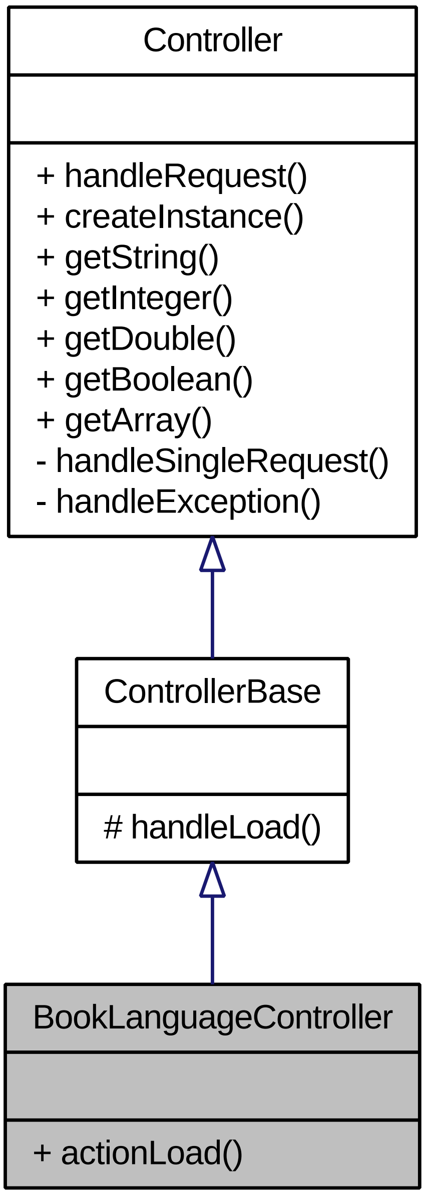
Language.

The documentation for this class was generated from the following file:

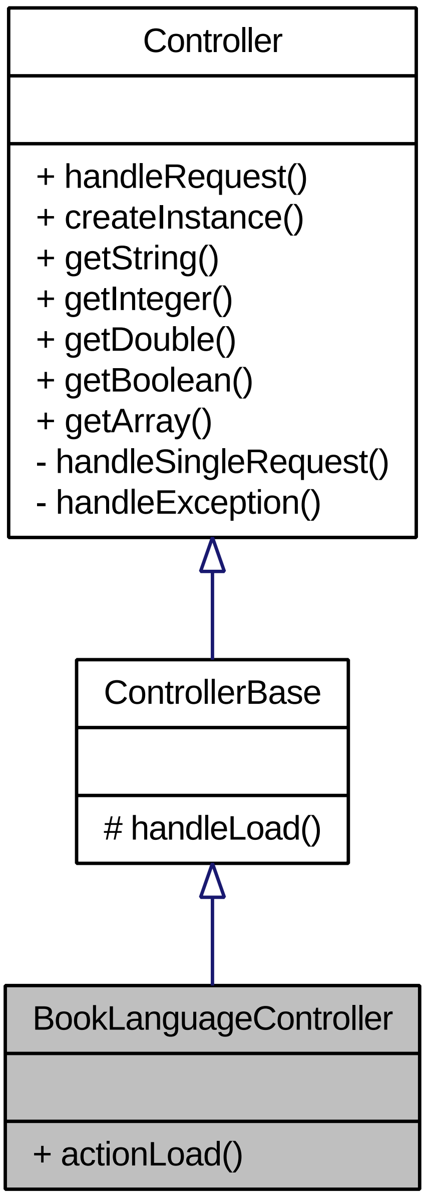
- www/backend/models/language/booklanguage.php

3.23 BookLanguageController Class Reference

Inheritance diagram for BookLanguageController:



Collaboration diagram for BookLanguageController:



Public Member Functions

- actionLoad ($data)

3.23.1 Detailed Description

Book language controller class.

3.23.2 Member Function Documentation

3.23.2.1 BookLanguageController::actionLoad ($ *data*)

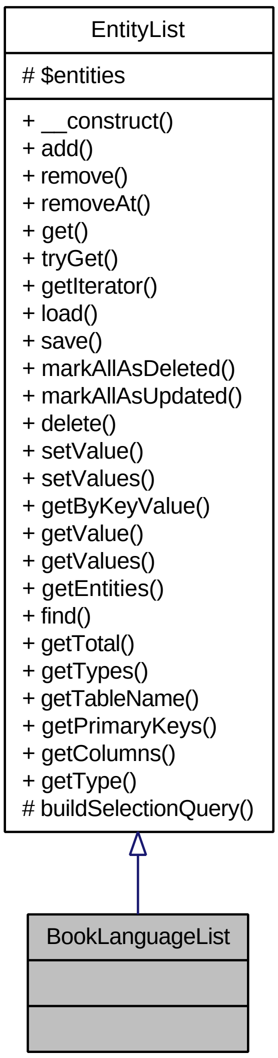
Loads languages associated to books.

The documentation for this class was generated from the following file:

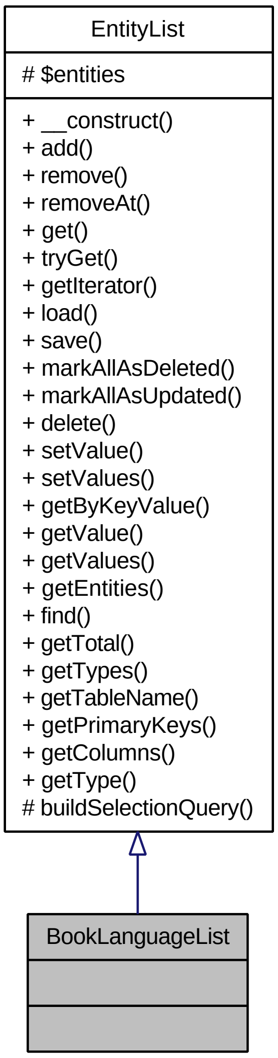
- www/backend/controllers/booklanguagecontroller.php

3.24 BookLanguageList Class Reference

Inheritance diagram for BookLanguageList:



Collaboration diagram for BookLanguageList:



3.24.1 Detailed Description

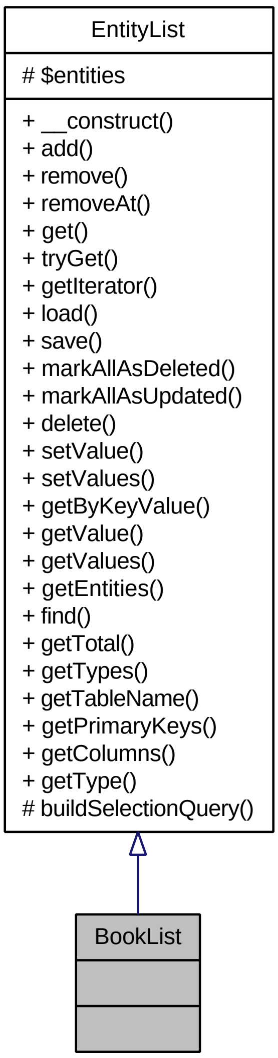
Class representing a book language entity list.

The documentation for this class was generated from the following file:

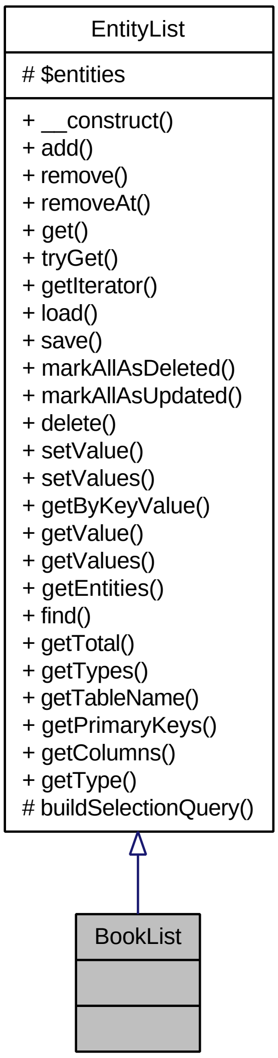
- www/backend/models/language/booklanguagelist.php

3.25 BookList Class Reference

Inheritance diagram for BookList:



Collaboration diagram for BookList:



3.25.1 Detailed Description

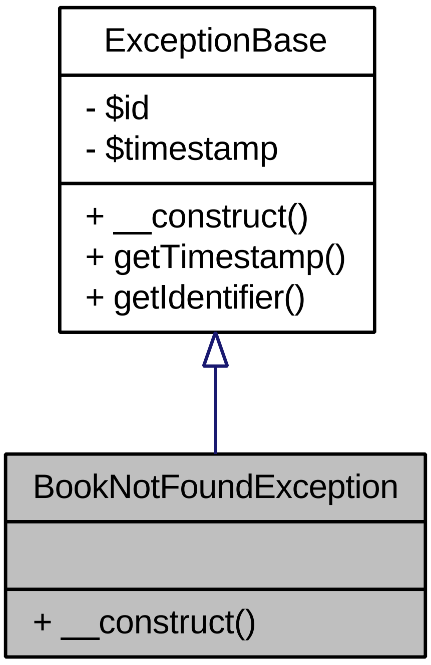
Class representing a library entity list.

The documentation for this class was generated from the following file:

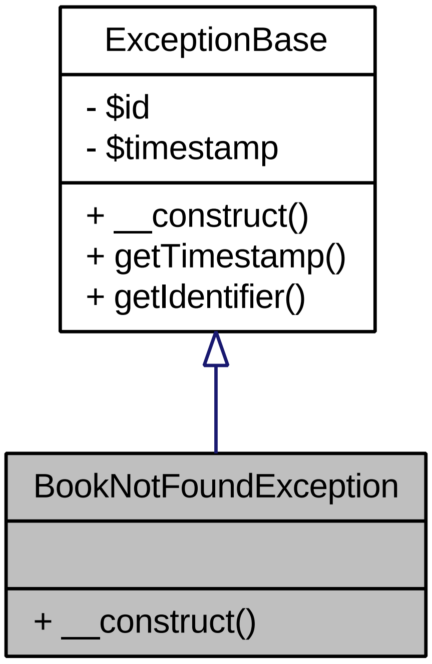
- www/backend/models/book/booklist.php

3.26 BookNotFoundException Class Reference

Inheritance diagram for BookNotFoundException:



Collaboration diagram for BookNotFoundException:



Public Member Functions

- **__construct** ($bookId)

3.26.1 Detailed Description

Exceptions.

The documentation for this class was generated from the following file:

- www/backend/controllers/bookcontroller.php

3.27 Cache Class Reference

Static Public Member Functions

- static getEntry ()
- static getFileEntry ()

3.27.1 Detailed Description

Cache class.

3.27.2 Member Function Documentation

3.27.2.1 static Cache::getEntry () `[static]`

Gets a cache entry.

Parameters

... Values on which cache depends.

Returns

The cache entry.

3.27.2.2 static Cache::getFileEntry () `[static]`

Gets a file cache entry.

Parameters

... Values on which cache depends.

Returns

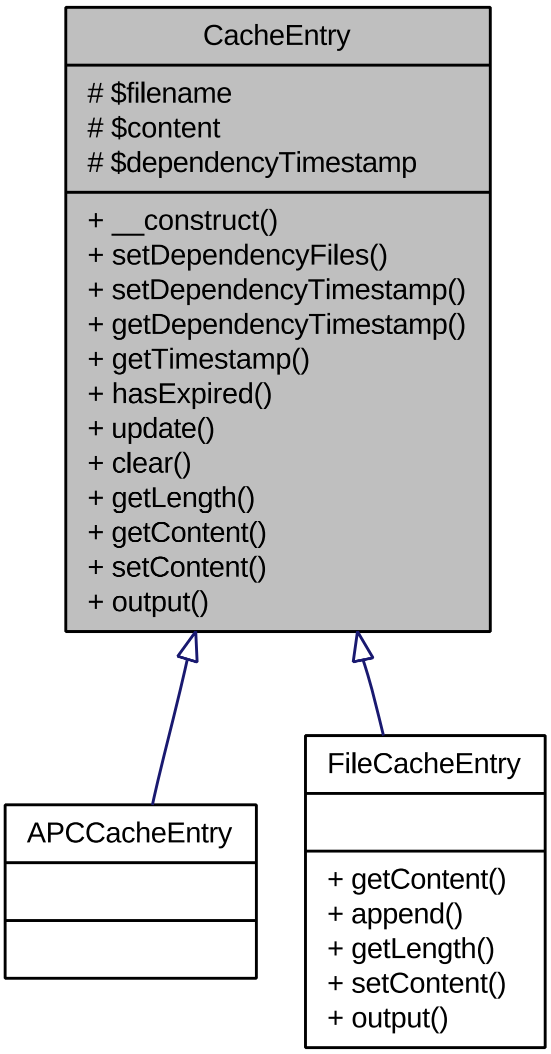
The cache entry.

The documentation for this class was generated from the following file:

- www/backend/framework/util/cache.php

3.28 CacheEntry Class Reference

Inheritance diagram for CacheEntry:



Public Member Functions

- __construct ($key)
- **setDependencyFiles** ($files)
- **setDependencyTimestamp** ($timestamp)
- **getDependencyTimestamp** ()
- **getTimestamp** ()
- **hasExpired** ()
- **update** ()

- **clear** ()
- **getLength** ()
- **getContent** ()
- **setContent** ($content)
- **output** ()

Protected Attributes

- **$filename**
- **$content**
- **$dependencyTimestamp**

3.28.1 Detailed Description

Cache entry class.

3.28.2 Constructor & Destructor Documentation

3.28.2.1 CacheEntry::__construct ($ *key*)

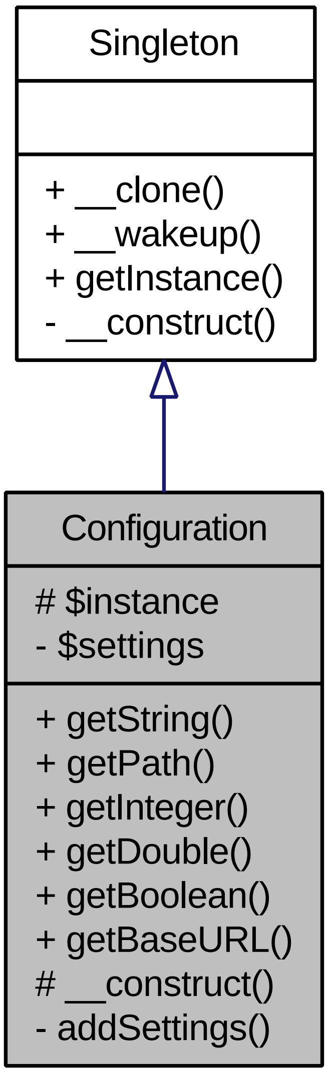
Constructs a cache entry.

The documentation for this class was generated from the following file:

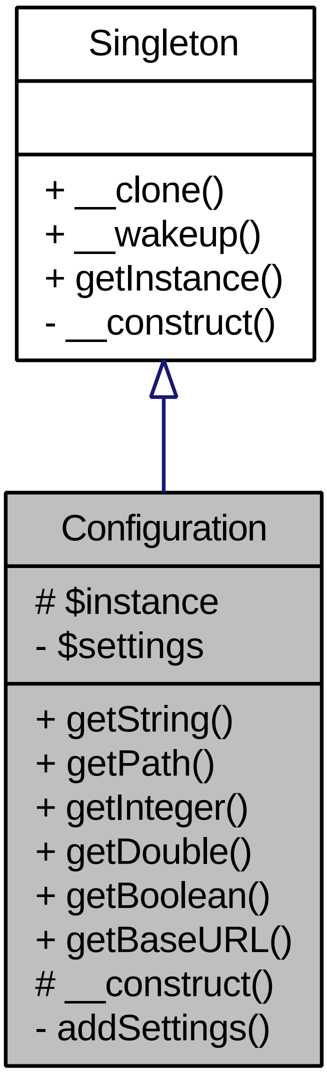
- www/backend/framework/util/cache.php

3.29 Configuration Class Reference

Inheritance diagram for Configuration:



Collaboration diagram for Configuration:



Public Member Functions

- getString ($name, $default=null)
- getPath ($name, $default=null)
- getInteger ($name, $default=null)
- getDouble ($name, $default=null)
- getBoolean ($name, $default=null)

Static Public Member Functions

- static getBaseURL ()

Protected Member Functions

- __construct ()

Static Protected Attributes

- static $instance

3.29.1 Detailed Description

Configuration class.

3.29.2 Constructor & Destructor Documentation

3.29.2.1 Configuration::__construct () `[protected]`

Constructs a configuration class instance.

Reimplemented from Singleton.

3.29.3 Member Function Documentation

3.29.3.1 static Configuration::getBaseURL () `[static]`

Returns the base URL.

3.29.3.2 Configuration::getBoolean ($ *name*, $ *default* = `null`)

Gets a boolean value.

Parameters

$name The name of the setting.

$default The default of this setting. Defaults to an exception if no setting with the given name is found.

Returns

The setting its value.

Exceptions

SettingNotFoundException If the setting could not be found and there is no default.

3.29.3.3 Configuration::getDouble ($ *name*, $ *default* = `null`)

Gets a floating point value.

Parameters

$name The name of the setting.

$default The default of this setting. Defaults to an exception if no setting with the given name is found.

Returns

The setting its value.

Exceptions

SettingNotFoundException If the setting could not be found and there is no default.

3.29.3.4 Configuration::getInteger ($ *name*, $ *default* = `null`)

Gets an integer value.

Parameters

$name The name of the setting.

$default The default of this setting. Defaults to an exception if no setting with the given name is found.

Returns

The setting its value.

Exceptions

SettingNotFoundException If the setting could not be found and there is no default.

3.29.3.5 Configuration::getPath ($ *name*, $ *default* = `null`)

Gets a string value denoting a path. If the path does not start with '/', the current directory is prepended.

Note: only works with Unix-style paths.

Parameters

$name The name of the setting.

$default The default of this setting. Defaults to an exception if no setting with the given name is found.

Returns

The setting its value.

Exceptions

SettingNotFoundException If the setting could not be found and there is no default.

3.29.3.6 Configuration::getString ($ *name*, $ *default* = `null`)

Gets a string value.

Parameters

$name The name of the setting.

$default The default of this setting. Defaults to an exception if no setting with the given name is found.

Returns

The setting its value.

Exceptions

SettingNotFoundException If the setting could not be found and there is no default.

3.29.4 Member Data Documentation

3.29.4.1 Configuration::$instance `[static, protected]`

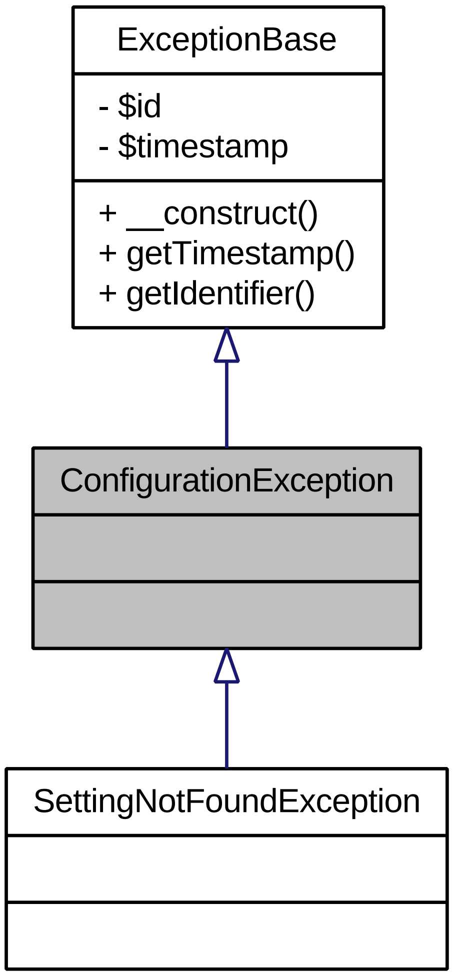
Unique instance.

The documentation for this class was generated from the following file:

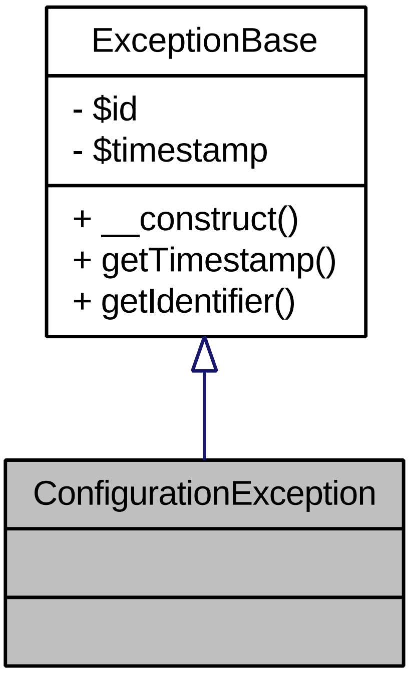
- www/backend/framework/util/configuration.php

3.30 ConfigurationException Class Reference

Inheritance diagram for ConfigurationException:



Collaboration diagram for ConfigurationException:

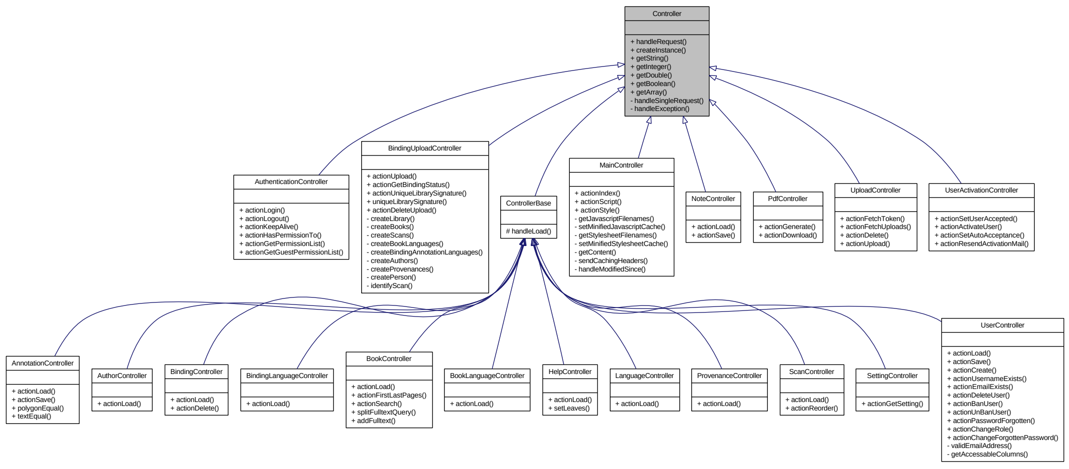


The documentation for this class was generated from the following file:

- www/backend/framework/util/configuration.php

3.31 Controller Class Reference

Inheritance diagram for Controller:



Static Public Member Functions

- static handleRequest ()
- static createInstance ($type)
- static getString (&$data, $key, $default= '', $trim=true, $maxLength=-1)
- static getInteger (&$data, $key, $default=0, $positive=false, $minValue=null, $maxValue=null)
- static getDouble (&$data, $key, $default=0, $positive=false, $minValue=null, $maxValue=null)
- static getBoolean (&$data, $key, $default=false)
- static getArray (&$data, $key, $default=array(), $maxLength=-1)

3.31.1 Detailed Description

Controller class.

3.31.2 Member Function Documentation

3.31.2.1 static Controller::createInstance ($ *type*) `[static]`

Creates a controller instance.

Parameters

$type Type name of the controller instance.

Returns

An instance of the controller of the given type.

3.31.2.2 static Controller::getArray (&$ *data*, $ *key*, $ *default* = `array()`, $ *maxLength* = `-1`) `[static]`

Gets a string from data.

Parameters

$data Data to fetch value from.

$key Key of the value.

$default Default value.

$maxLength Maximum length of the array.

Returns

The sanitized array value.

3.31.2.3 static Controller::getBoolean (&$ *data*, $ *key*, $ *default* = `false`) `[static]`

Gets a boolean from data.

Parameters

$data Data to fetch value from.

$key Key of the value.

$default Default value.

Returns

The sanitized boolean value.

3.31.2.4 static Controller::getDouble (&$ *data*, $ *key*, $ *default* = `0`, $ *positive* = `false`, $ *minValue* = `null`, $ *maxValue* = `null`) `[static]`

Gets a double from data.

Parameters

$data Data to fetch value from.

$key Key of the value.

$default Default value.

$positive Whether the value must be positive.

$minValue Minimum value.

$maxValue Maximum value.

Returns

The sanitized double value.

3.31.2.5 static Controller::getInteger (&$ *data*, $ *key*, $ *default* = `0`, $ *positive* = `false`, $ *minValue* = `null`, $ *maxValue* = `null`) `[static]`

Gets an integer from data.

Parameters

$data Data to fetch value from.

$key Key of the value.

$default Default value.

$positive Whether the value must be positive.

$minValue Minimum value.

$maxValue Maximum value.

Returns

The sanitized integer value.

3.31.2.6 static Controller::getString (&$ *data*, $ *key*, $ *default* = ″, $ *trim* = `true`, $ *maxLength* = `-1`) `[static]`

Gets a string from data.

Parameters

$data Data to fetch value from.

$key Key of the value.

$default Default value.

$trim Whether to trim spaces of value.

$maxLength Maximum length of value.

Returns

The sanitized string value.

3.31.2.7 static Controller::handleRequest () `[static]`

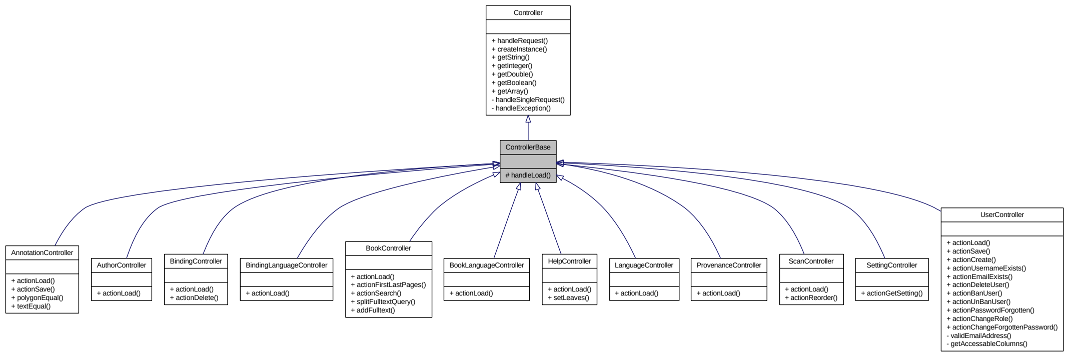
Handles a request.

The documentation for this class was generated from the following file:

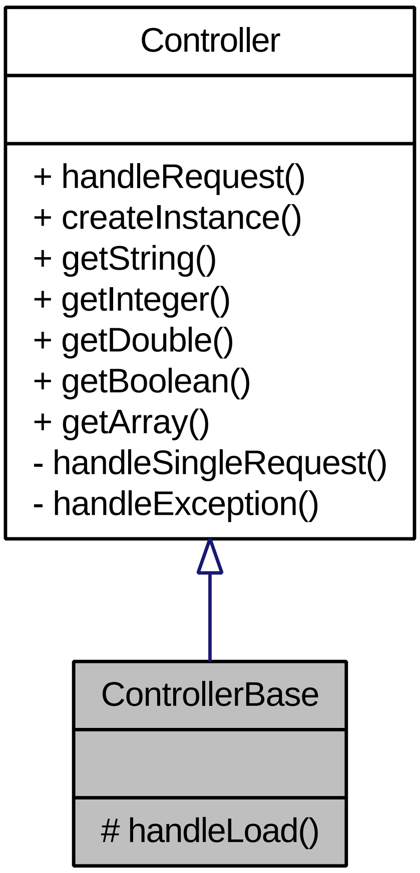
- www/backend/framework/controller/controller.php

3.32 ControllerBase Class Reference

Inheritance diagram for ControllerBase:



Collaboration diagram for ControllerBase:



Protected Member Functions

- handleLoad ($data, $type, $idColumn=null, $columns=null, array $defaultSorters=array())

3.32.1 Detailed Description

Controller base class.

3.32.2 Member Function Documentation

3.32.2.1 ControllerBase::handleLoad ($ *data*, $ *type*, $ *idColumn* = `null`, $ *columns* = `null`, array $ *defaultSorters* = `array()`) `[protected]`

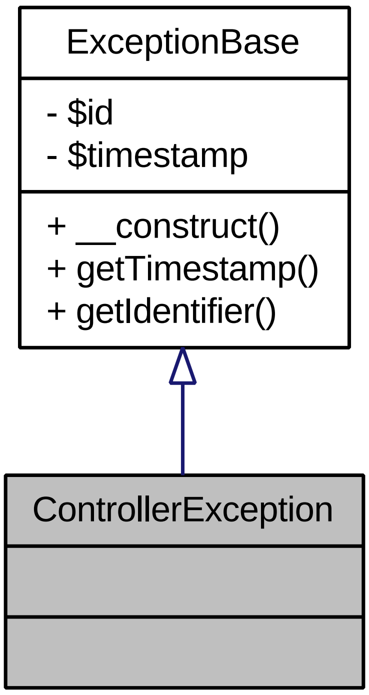
Generalizes a load query.

The documentation for this class was generated from the following file:

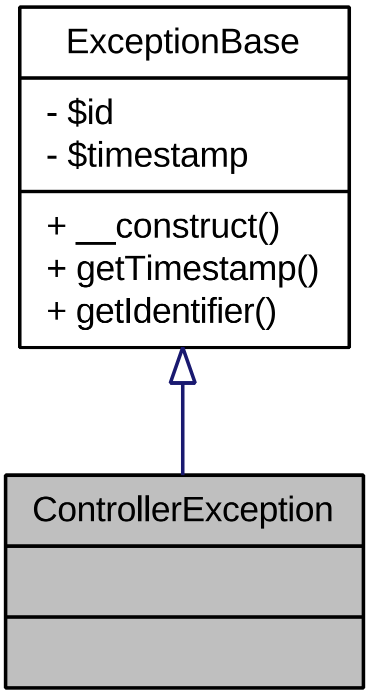
- www/backend/controllers/controllerbase.php

3.33 ControllerException Class Reference

Inheritance diagram for ControllerException:



Collaboration diagram for ControllerException:

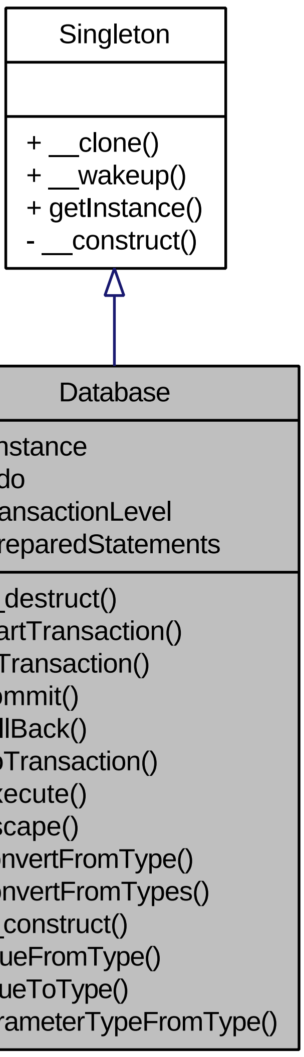


The documentation for this class was generated from the following file:

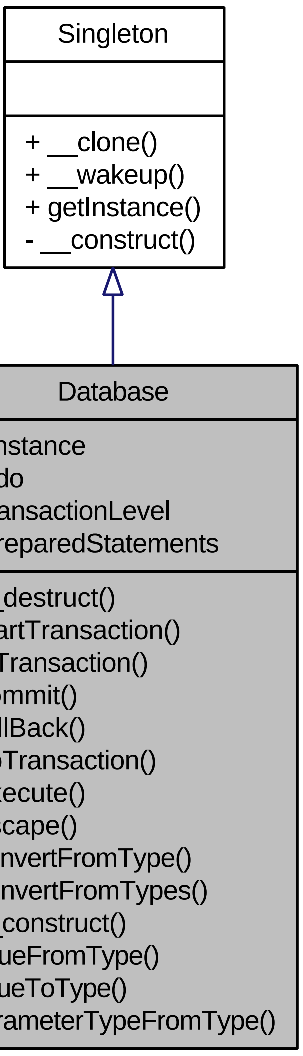
- www/backend/framework/controller/controller.php

3.34 Database Class Reference

Inheritance diagram for Database:



Collaboration diagram for Database:



Public Member Functions

- startTransaction ()
- inTransaction ()
- commit ()
- rollBack ()
- doTransaction ($callback)
- execute ($query, $arguments=array(), $types=null)
- **escape** ($value)

Static Public Member Functions

- static convertFromType ($value, $type)
- static convertFromTypes ($values, $types)

Static Protected Attributes

- static $instance

3.34.1 Member Function Documentation

3.34.1.1 Database::commit ()

Commits the current transaction.

Commits the current transaction, finalizing all changes made to the database. The transaction will now have ended and startTransaction can be called start a new one (or the query methods can be called directly).

Exceptions

DatabaseException If no transaction has started or the commit failed for some other reason.

3.34.1.2 static Database::convertFromType ($ *value*, $ *type*) `[static]`

Converts database data to normal data.

Parameters

$value Value to convert.

$type Type of the value.

Returns

Resulting value.

3.34.1.3 static Database::convertFromTypes ($ *values*, $ *types*) `[static]`

Converts database data to normal data.

Parameters

$values Values to convert.

$types Types of those values.

Returns

Resulting values.

3.34.1.4 Database::doTransaction ($ *callback*)

Exception-safe transaction handler.

Starts a transaction and executes the provided callback. If that callback terminates normally the transaction is committed, if it throws an exception however the transaction will be rolled back and it is rethrown.

Parameters

callback $callback The function to execute as a transaction. May contain calls to this method for recursive transactions.

Returns

mixed Returns whatever value the callback returns, if any.

Exceptions

Exception Rethrows exceptions from the callback.

3.34.1.5 Database::execute ($ *query*, $ *arguments* = `array()`, $ *types* = `null`)

Executes query.

Parameters

$query Query to execute.

$arguments Arguments to bind to query.

$types Types of those arguments.

Returns

Result set.

3.34.1.6 Database::inTransaction ()

Checks whether currently in a transaction.

Returns

A boolean indicating whether currently in a transaction.

Exceptions

DatabaseException

3.34.1.7 Database::rollBack ()

Rolls back a transaction.

Undoes all queries made in the current transaction. The transaction will have ended, so \ startTransaction() should be called again when trying again.

Exceptions

DatabaseException If no transaction has started, rollback is not supported or it failed for some other reason.

3.34.1.8 Database::startTransaction ()

Starts a database transaction. Nested transaction are allowed.

Exceptions

DatabaseException If the transaction could not be started.

3.34.2 Member Data Documentation

3.34.2.1 Database::$instance `[static, protected]`

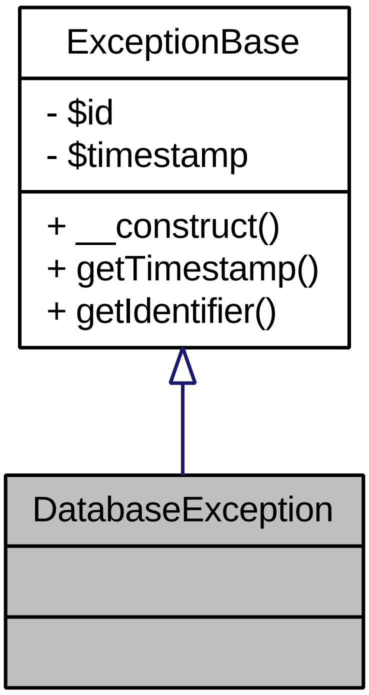
Unique instance.

The documentation for this class was generated from the following file:

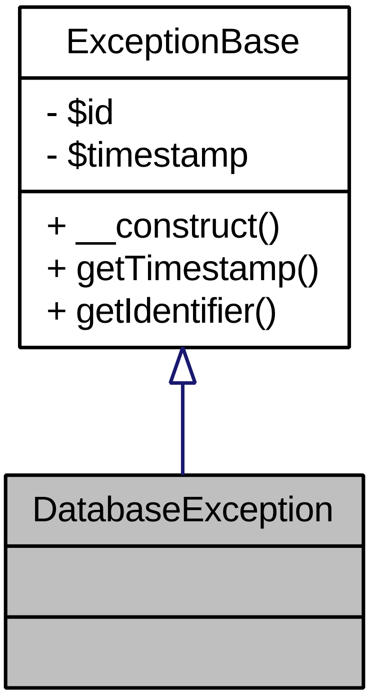
- www/backend/framework/database/database.php

3.35 DatabaseException Class Reference

Inheritance diagram for DatabaseException:



Collaboration diagram for DatabaseException:

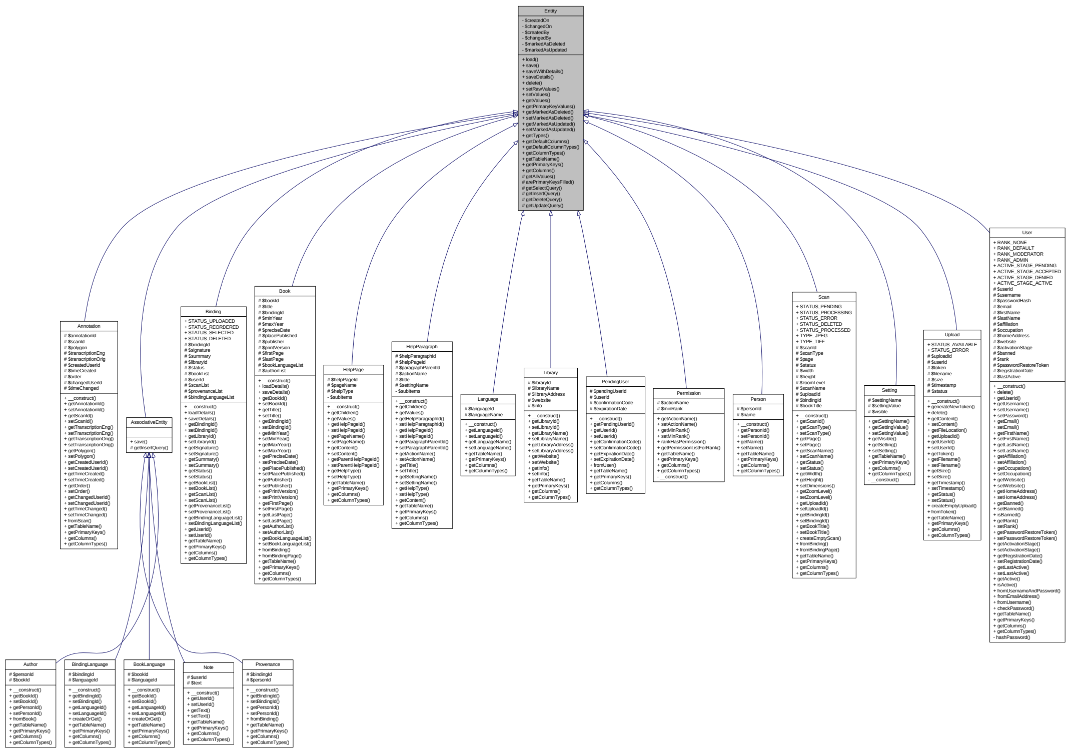


The documentation for this class was generated from the following file:

- www/backend/framework/database/database.php

3.36 Entity Class Reference

Inheritance diagram for Entity:



Public Member Functions

- load ()
- save ()
- saveWithDetails ()
- saveDetails ()
- delete ()
- setRawValues ($values)
- setValues ($values)
- getValues ($columns=null)
- getPrimaryKeyValues ()
- getMarkedAsDeleted ()
- **setMarkedAsDeleted** ($marked)
- **getMarkedAsUpdated** ()
- **setMarkedAsUpdated** ($marked)

Static Public Member Functions

- static getTypes ($default=true)
- static getDefaultColumns ()
- static getDefaultColumnTypes ()
- static getColumnTypes ()
- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()

Protected Member Functions

- getAllValues ($keys=true, $default=true)
- arePrimaryKeysFilled ()
- getSelectQuery ()
- getInsertQuery ($returning=false)
- getDeleteQuery ()
- getUpdateQuery ()

3.36.1 Detailed Description

Abstract class for any database entity.

3.36.2 Member Function Documentation

3.36.2.1 Entity::arePrimaryKeysFilled () `[protected]`

Checks if all primary keys are filled.

Returns

Whether the primary keys are filled.

3.36.2.2 Entity::delete ()

Deletes the entity from the database.

Reimplemented in Upload, and User.

3.36.2.3 Entity::getAllValues ($ *keys* = `true`, $ *default* = `true`) `[protected]`

Gets all values of this entity.

Returns

All values of this entity.

3.36.2.4 static Entity::getColumns () `[static]`

Gets all the columns.

Returns

Array of all columns, except primary keys.

Reimplemented in Annotation, Author, Binding, Book, HelpPage, HelpParagraph, BindingLanguage, BookLanguage, Language, Library, Note, Permission, Person, Provenance, Scan, Setting, Upload, PendingUser, and User.

3.36.2.5 static Entity::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

The istring type denotes a string that should be compared in a case insensitive manner.

Returns

Array of all column types.

Reimplemented in Annotation, Author, Binding, Book, HelpPage, HelpParagraph, BindingLanguage, BookLanguage, Language, Library, Note, Permission, Person, Provenance, Scan, Setting, Upload, PendingUser, and User.

3.36.2.6 static Entity::getDefaultColumns () `[static]`

Gets columns that are available in all entities.

Returns

Query to select an entity from the database.

3.36.2.7 static Entity::getDefaultColumnTypes () `[static]`

Gets all the default column types, per column.

Returns

Array of all default column types.

3.36.2.8 Entity::getDeleteQuery () `[protected]`

Returns the query needed to delete this entity from the database.

Returns

Query to delete this entity from the database.

3.36.2.9 Entity::getInsertQuery ($ *returning* = `false`) `[protected]`

Returns the query needed to insert this entity into the database.

Parameters

$returning If true, a returning clause is added to the query which returns all primary keys.

Returns

Query to insert this entity in the database.

Reimplemented in AssociativeEntity.

3.36.2.10 Entity::getMarkedAsDeleted ()

Getters and setters.

3.36.2.11 static Entity::getPrimaryKeys () `[static]`

Gets the primary keys.

Returns

Array of all primary keys.

Reimplemented in Annotation, Author, Binding, Book, HelpPage, HelpParagraph, BindingLanguage, BookLanguage, Language, Library, Note, Permission, Person, Provenance, Scan, Setting, Upload, PendingUser, and User.

3.36.2.12 Entity::getPrimaryKeyValues ()

Gets all primary key values of this entity.

Returns

All primary key values of this entity.

3.36.2.13 Entity::getSelectQuery () `[protected]`

Returns the query needed to select this entity from the database.

Returns

Query to select an entity from the database.

3.36.2.14 static Entity::getTableName () `[static]`

Gets the table name.

Returns

The table name.

Reimplemented in Annotation, Author, Binding, Book, HelpPage, HelpParagraph, BindingLanguage, BookLanguage, Language, Library, Note, Permission, Person, Provenance, Scan, Setting, Upload, PendingUser, and User.

3.36.2.15 static Entity::getTypes ($ *default* = `true`) `[static]`

Gets all types of this entity.

Returns

All types of this entity, by column name.

3.36.2.16 Entity::getUpdateQuery () `[protected]`

Returns the query needed to update this entity in the database.

Returns

Query to update this entity in the database.

3.36.2.17 Entity::getValues ($ *columns* = `null`)

Gets some values of this entity.

Parameters

$values Array of names to fetch, or null if you want to fetch everything.

Reimplemented in HelpPage, and HelpParagraph.

3.36.2.18 Entity::load ()

Loads this entity.

3.36.2.19 Entity::save ()

Saves the entity to the database. A database row is inserted if the entity does not exist in the database yet. A database row is updated if the entity exists in the database.

Reimplemented in AssociativeEntity.

3.36.2.20 Entity::saveDetails ()

Saves entity its relations.

Reimplemented in Binding, and Book.

3.36.2.21 Entity::saveWithDetails ()

Saves entity with its relations.

3.36.2.22 Entity::setRawValues ($ *values*)

Sets raw values of this entity. Only for use by entity list!

Parameters

$values	Array of name-value pairs to set.

3.36.2.23 Entity::setValues ($ *values*)

Sets some values of this entity.

Parameters

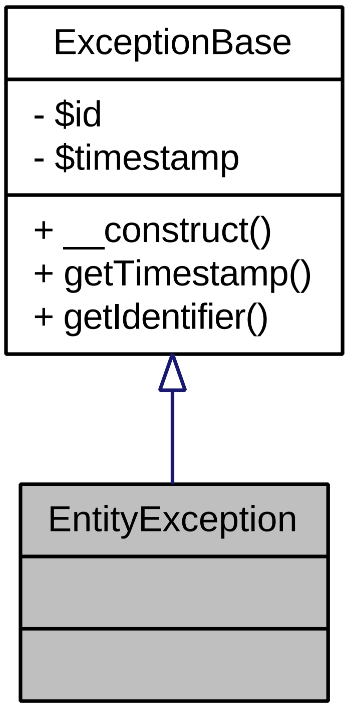
$values	Array of name-value pairs to set.

The documentation for this class was generated from the following file:

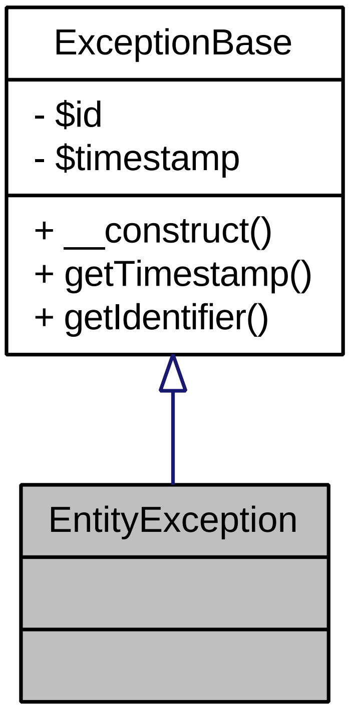
- www/backend/framework/database/entity.php

3.37 EntityException Class Reference

Inheritance diagram for EntityException:



Collaboration diagram for EntityException:

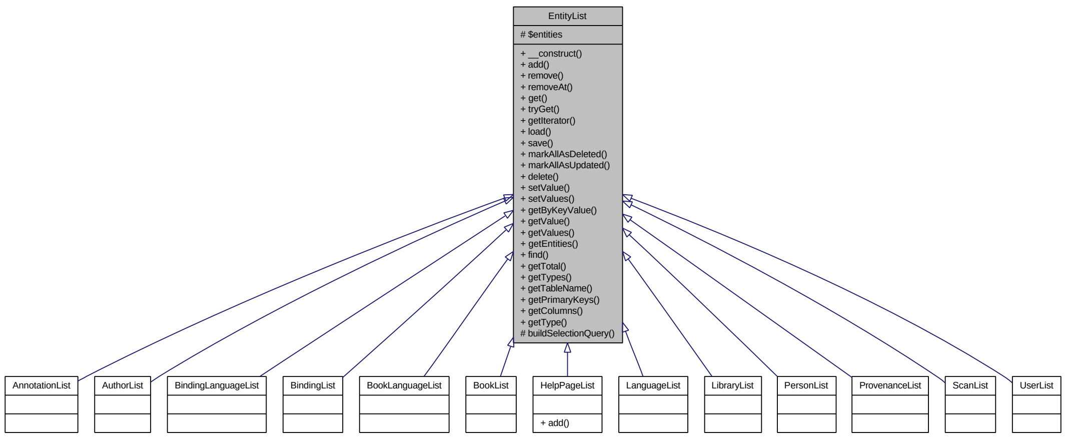


The documentation for this class was generated from the following file:

- www/backend/framework/database/entity.php

3.38 EntityList Class Reference

Inheritance diagram for EntityList:



Public Member Functions

- __construct ()
- add ($entity)
- remove ($entity)
- removeAt ($index)
- get ($index)
- tryGet ($index)
- getIterator ()
- load ($keyValues)
- save ()
- markAllAsDeleted ($marked)
- markAllAsUpdated ($marked)
- delete ()
- setValue ($name, $value)
- setValues ($values)
- getByKeyValue ($key, $value)
- getValue ($name)
- getValues ($names)
- getEntities ()

Static Public Member Functions

- static find ($conditions=array(), $offset=0, $limit=null, $ordering=array(), &$total=null)
- static getTotal ()
- static getTypes ($default=true)

- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()
- static getType ()

Static Protected Member Functions

- static buildSelectionQuery ()

Protected Attributes

- **$entities**

3.38.1 Detailed Description

Abstract class for a list of database entities.

3.38.2 Constructor & Destructor Documentation

3.38.2.1 EntityList::__construct ()

Constructs an entity list.

3.38.3 Member Function Documentation

3.38.3.1 EntityList::add ($ *entity*)

Adds an entity.

Parameters

$entity Entity to add.

Reimplemented in HelpPageList.

3.38.3.2 static EntityList::buildSelectionQuery () `[static, protected]`

Returns the query to select fields of this entity type.

3.38.3.3 EntityList::delete ()

Deletes all entities from the database.

3.38.3.4 static EntityList::find ($ *conditions* = `array()`, $ *offset* = `0`, $ *limit* = `null`, $ *ordering* = `array()`, &$ *total* = `null`) `[static]`

Finds entities.

Parameters

$conditions Column-value pairs of equal conditions the list should satisfy. case insensitive strings will be compared Case insensitively.

$offset Offset to start list at.

$limit Amount of entities to return. Pass null for no limit.

$ordering Column-direction pairs of ordering.

$total Will contain the total number of records, without the limit or offset constraint.

Returns

Entity list with entities that pass the given criteria.

3.38.3.5 EntityList::get ($ *index*)

Fetches an entity by index.

Parameters

$index

Returns

Entity at index.

3.38.3.6 EntityList::getByKeyValue ($ *key*, $ *value*)

Gets an entity by a key value combination.

Parameters

$key Name of the value.

$value Value.

Returns

Array of values.

3.38.3.7 static EntityList::getColumns () `[static]`

Gets all the columns.

Returns

Array of all columns, except primary keys.

3.38.3.8 EntityList::getEntities ()

Returns the entities.

Returns

Array of models.

3.38.3.9 EntityList::getIterator ()

Gets an iterator of this list.

Returns

Entity list iterator.

3.38.3.10 static EntityList::getPrimaryKeys () `[static]`

Gets the primary keys.

Returns

Array of all primary keys.

3.38.3.11 static EntityList::getTableName () `[static]`

Gets the table name.

Returns

The table name.

3.38.3.12 static EntityList::getTotal () `[static]`

Gets the total amount of entities in database.

3.38.3.13 static EntityList::getType () `[static]`

Gets the type of the entity of this entitiy list.

Returns

Type of the entity.

3.38.3.14 static EntityList::getTypes ($ *default* = `true`) `[static]`

Gets all types of this entity list.

Returns

All types of this entity list, by column name.

3.38.3.15 EntityList::getValue ($ *name*)

Gets a value of all these entities.

Parameters

$name Name of the value.

Returns

Array of values.

3.38.3.16 EntityList::getValues ($ *names*)

Gets some values of all these entities.

Parameters

$names Array of names to get.

Returns

Array of array with key value pairs.

3.38.3.17 EntityList::load ($ *keyValues*)

Loads entities.

3.38.3.18 EntityList::markAllAsDeleted ($ *marked*)

Marks all entities as deleted.

3.38.3.19 EntityList::markAllAsUpdated ($ *marked*)

Marks all entities as updated.

3.38.3.20 EntityList::remove ($ *entity*)

Removes an entity.

Parameters

$entity Entity to remove.

3.38.3.21 EntityList::removeAt ($ *index*)

Removes an entity at an index.

Parameters

$index Index of entity to remove.

3.38.3.22 EntityList::save ()

Saves all entities to the database.

3.38.3.23 EntityList::setValue ($ *name*, $ *value*)

Sets a value to all these entities.

Parameters

$name Name of the value.

$value Its value.

3.38.3.24 EntityList::setValues ($ *values*)

Sets some values to all these entities.

Parameters

$values Array of name-value pairs to set.

3.38.3.25 EntityList::tryGet ($ *index*)

Tries to fetch an entity by index.

Parameters

$index

Returns

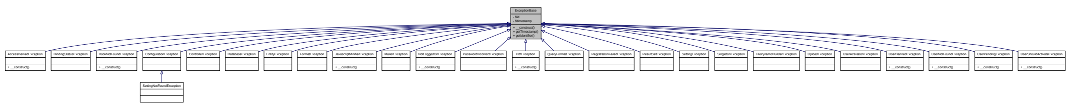
Entity at index or null if not found.

The documentation for this class was generated from the following file:

- www/backend/framework/database/entitylist.php

3.39 ExceptionBase Class Reference

Inheritance diagram for ExceptionBase:



Public Member Functions

- **__construct** ($id)
- getTimestamp ()
- getIdentifier ()

3.39.1 Detailed Description

Exception base class.

3.39.2 Member Function Documentation

3.39.2.1 ExceptionBase::getIdentifier ()

Gets the exception unique identifier.

Returns

Identifier to the exception.

3.39.2.2 ExceptionBase::getTimestamp ()

Gets the exception its formatted timestamp.

Returns

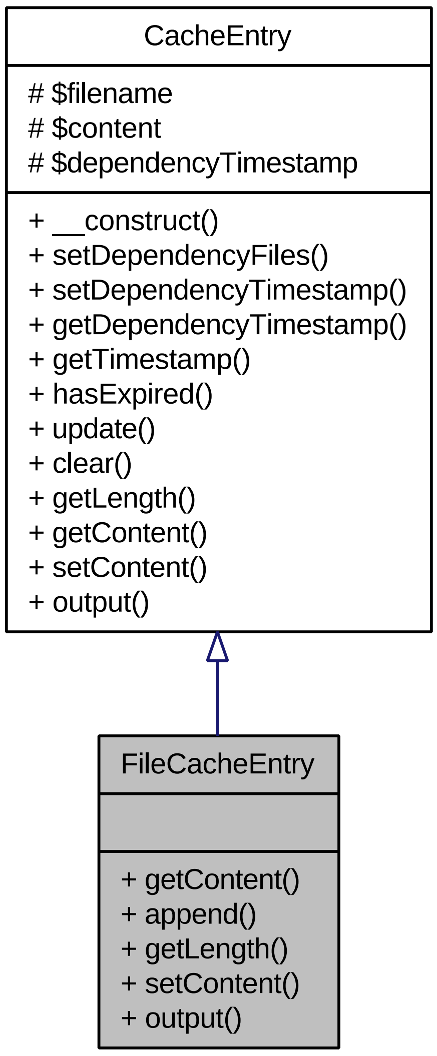
The exception its timestamp.

The documentation for this class was generated from the following file:

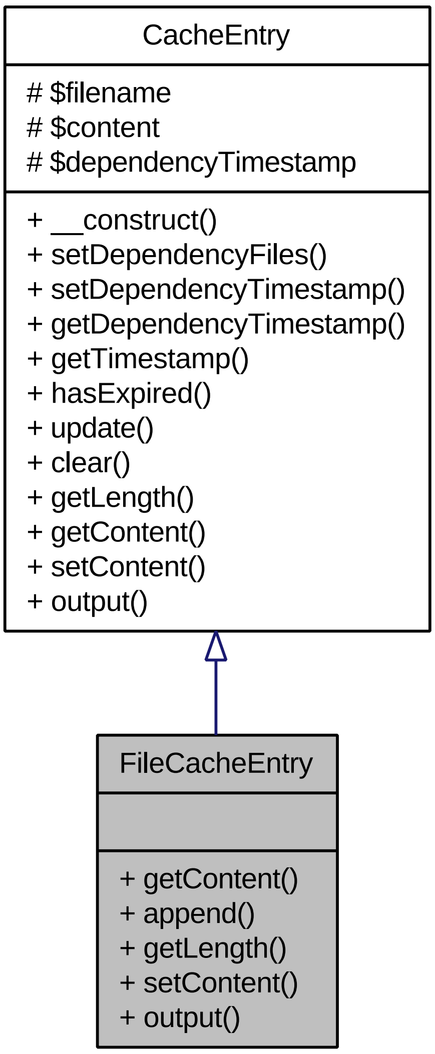
- www/backend/framework/util/exceptionbase.php

3.40 FileCacheEntry Class Reference

Inheritance diagram for FileCacheEntry:



Collaboration diagram for FileCacheEntry:



Public Member Functions

- **getContent** ()
- **append** ($content)
- **getLength** ()
- **setContent** ($content)
- **output** ()

3.40.1 Detailed Description

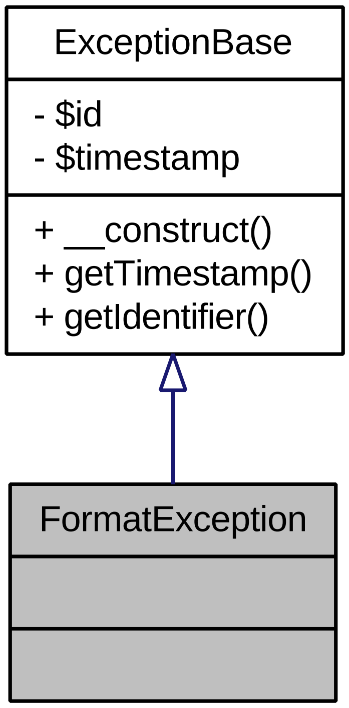
File cache entry class.

The documentation for this class was generated from the following file:

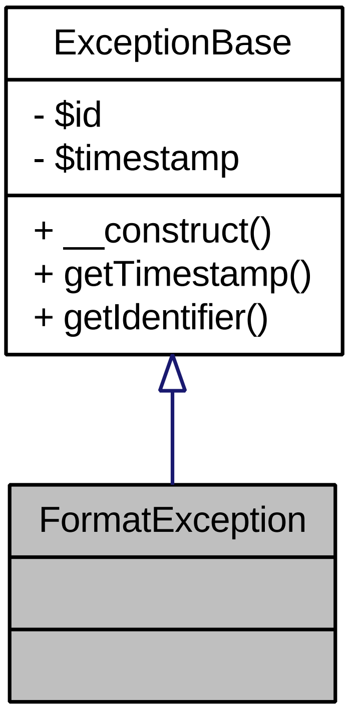
- www/backend/framework/util/cache.php

3.41 FormatException Class Reference

Inheritance diagram for FormatException:



Collaboration diagram for FormatException:

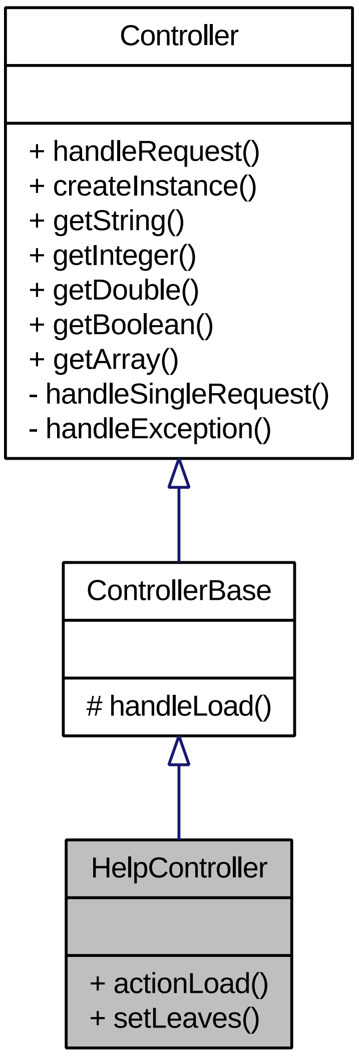


The documentation for this class was generated from the following file:

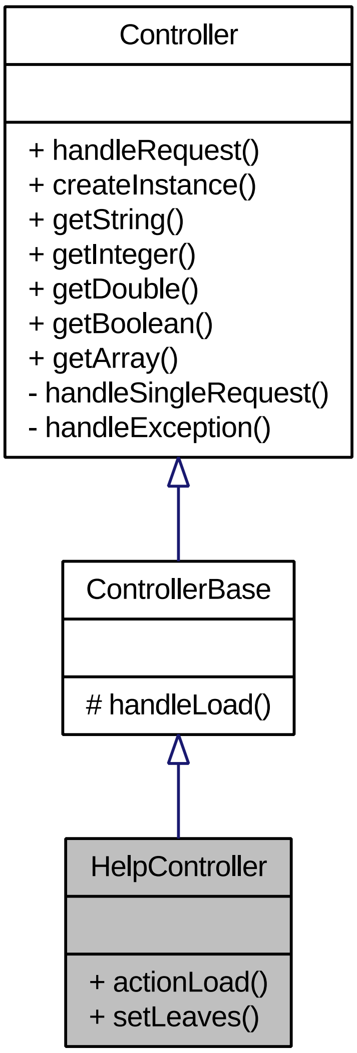
- www/backend/framework/util/exceptionbase.php

3.42 HelpController Class Reference

Inheritance diagram for HelpController:



Collaboration diagram for HelpController:



Public Member Functions

- actionLoad ($data)
- setLeaves (&$helpItem)

3.42.1 Detailed Description

Help controller class.

3.42.2 Member Function Documentation

3.42.2.1 HelpController::actionLoad ($ *data*)

Loads help pages.

3.42.2.2 HelpController::setLeaves (&$ *helpItem*)

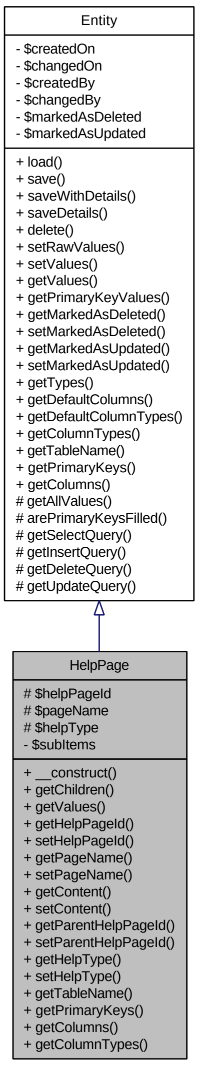
Loads the children of the requested node and checks whether they are leaves or not.

The documentation for this class was generated from the following file:

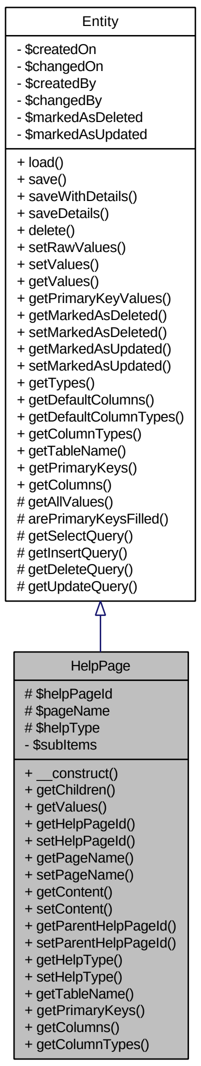
- www/backend/controllers/helpcontroller.php

3.43 HelpPage Class Reference

Inheritance diagram for HelpPage:



Collaboration diagram for HelpPage:



Public Member Functions

- __construct ($id=null)
- getChildren ()
- getValues ($columns=null)
- getHelpPageId ()
- **setHelpPageId** ($id)
- **getPageName** ()
- **setPageName** ($name)
- **getContent** ()
- **setContent** ($con)

- **getParentHelpPageId** ()
- **setParentHelpPageId** ($id)
- **getHelpType** ()
- **setHelpType** ($type)

Static Public Member Functions

- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Protected Attributes

- $helpPageId
- $pageName
- $helpType

3.43.1 Detailed Description

Entity representing a help page.

3.43.2 Constructor & Destructor Documentation

3.43.2.1 HelpPage::__construct ($ *id* = `null`)

Constructs a HelpPage by id.

Parameters

int $id Id of the page. Default (null) will create a new help page.

3.43.3 Member Function Documentation

3.43.3.1 HelpPage::getChildren ()

Returns all the children of a node based on the current permissions

Returns

Array of help paragraphs.

3.43.3.2 static HelpPage::getColumns () `[static]`

Gets all the columns.

Returns

Array of all columns, except primary keys.

Reimplemented from Entity.

3.43.3.3 static HelpPage::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.43.3.4 HelpPage::getHelpPageId ()

Getters and setters.

3.43.3.5 static HelpPage::getPrimaryKeys () `[static]`

Gets the primary keys.

Returns

Array of all primary keys.

Reimplemented from Entity.

3.43.3.6 static HelpPage::getTableName () `[static]`

Gets the table name.

Returns

The table name.

Reimplemented from Entity.

3.43.3.7 HelpPage::getValues ($ *columns* = `null`)

Gets some values of this entity.

Parameters

$values Array of names to fetch, or null if you want to fetch everything.

Reimplemented from Entity.

3.43.4 Member Data Documentation

3.43.4.1 HelpPage::$helpPageId `[protected]`

Identifier.

3.43.4.2 HelpPage::$helpType `[protected]`

The type of the page.

3.43.4.3 HelpPage::$pageName `[protected]`

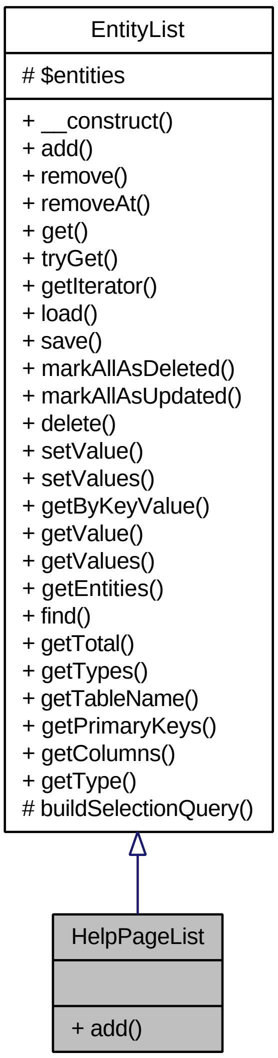
The name of the page.

The documentation for this class was generated from the following file:

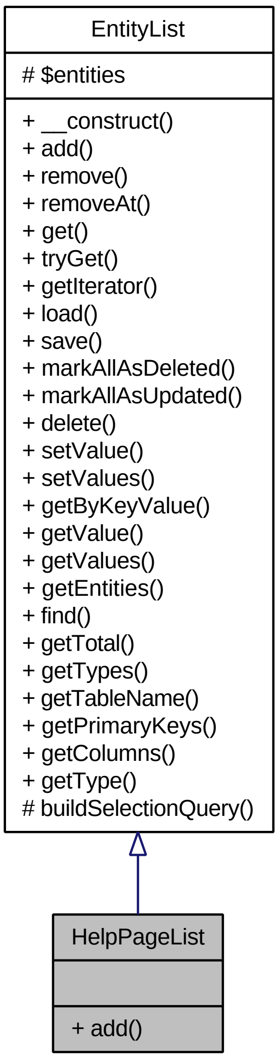
- www/backend/models/help/helppage.php

3.44 HelpPageList Class Reference

Inheritance diagram for HelpPageList:



Collaboration diagram for HelpPageList:



Public Member Functions

- add ($helpPage)

3.44.1 Detailed Description

Class representing a help entity list.

3.44.2 Member Function Documentation

3.44.2.1 HelpPageList::add ($ *entity*)

Adds an entity.

Parameters

$entity Entity to add.

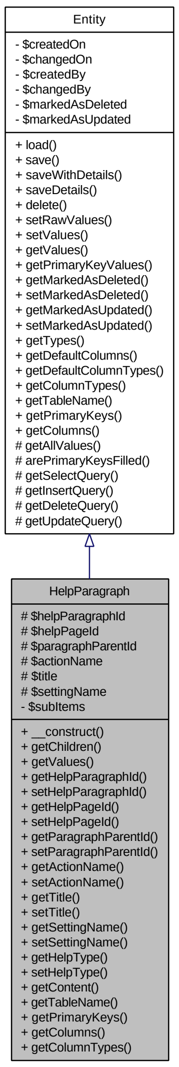
Reimplemented from EntityList.

The documentation for this class was generated from the following file:

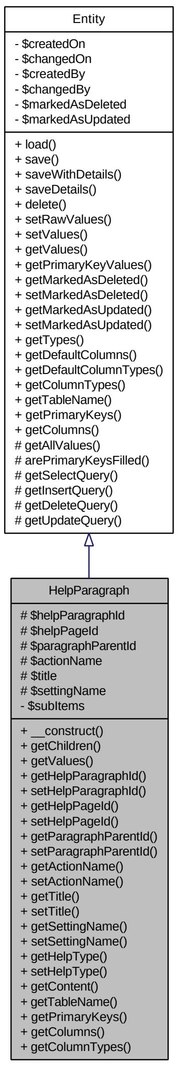
- www/backend/models/help/helppagelist.php

3.45 HelpParagraph Class Reference

Inheritance diagram for HelpParagraph:



Collaboration diagram for HelpParagraph:



Public Member Functions

- __construct ($id=null)
- getChildren ()
- getValues ($columns=null)
- getHelpParagraphId ()
- **setHelpParagraphId** ($id)
- **getHelpPageId** ()
- **setHelpPageId** ($id)
- **getParagraphParentId** ()
- **setParagraphParentId** ($id)

- **getActionName** ()
- **setActionName** ($name)
- **getTitle** ()
- **setTitle** ($title)
- **getSettingName** ()
- **setSettingName** ($name)
- **getHelpType** ()
- **setHelpType** ($type)
- getContent ()

Static Public Member Functions

- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Protected Attributes

- $helpParagraphId
- $helpPageId
- $paragraphParentId
- $actionName
- $title
- $settingName

3.45.1 Detailed Description

Entity representing a paragraph in a help page.

3.45.2 Constructor & Destructor Documentation

3.45.2.1 HelpParagraph::__construct ($ *id* = `null`)

Constructs a HelpPage by id.

Parameters

int $id Id of the page. Default (null) will create a new help page.

3.45.3 Member Function Documentation

3.45.3.1 HelpParagraph::getChildren ()

Returns all the children of a node based on the current permissions

Returns

Array of help paragraphs.

3.45.3.2 static HelpParagraph::getColumns () `[static]`

Gets all the columns.

Returns

Array of all columns, except primary keys.

Reimplemented from Entity.

3.45.3.3 static HelpParagraph::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.45.3.4 HelpParagraph::getContent ()

Retrieves the HTML content of this paragraph using the HelpContents table.

The entity should be loaded before this is called.

Returns

string The content of this paragraph.

3.45.3.5 HelpParagraph::getHelpParagraphId ()

Getters and setters.

3.45.3.6 static HelpParagraph::getPrimaryKeys () `[static]`

Gets the primary keys.

Returns

Array of all primary keys.

Reimplemented from Entity.

3.45.3.7 static HelpParagraph::getTableName () `[static]`

Gets the table name.

Returns

The table name.

Reimplemented from Entity.

3.45.3.8 HelpParagraph::getValues ($ *columns* = `null`)

Gets some values of this entity.

Parameters

$values Array of names to fetch, or null if you want to fetch everything.

Reimplemented from Entity.

3.45.4 Member Data Documentation

3.45.4.1 HelpParagraph::$actionName `[protected]`

The action described by this paragraph (possibly null). Not displayed to users who can't do this action.

3.45.4.2 HelpParagraph::$helpPageId `[protected]`

The page on which this paragraph is displayed.

3.45.4.3 HelpParagraph::$helpParagraphId `[protected]`

Identifier.

3.45.4.4 HelpParagraph::$paragraphParentId `[protected]`

The paragraph containing this one, or null.

3.45.4.5 HelpParagraph::$settingName `[protected]`

If not null, the content depends on this setting.

3.45.4.6 HelpParagraph::$title `[protected]`

The title of the paragraph.

The documentation for this class was generated from the following file:

- www/backend/models/help/helpparagraph.php

3.46 JavascriptMinifier Class Reference

Public Member Functions

- __construct ($input)

Static Public Member Functions

- static minify ($js)

Public Attributes

- const **ORD_LF** = 10
- const **ORD_SPACE** = 32
- const **ACTION_KEEP_A** = 1
- const **ACTION_DELETE_A** = 2
- const **ACTION_DELETE_A_B** = 3

Protected Member Functions

- action ($command)
- get ()
- isAlphaNum ($c)
- min ()
- next ()
- peek ()

Protected Attributes

- **$a** = ”
- **$b** = ”
- **$input** = ”
- **$inputIndex** = 0
- **$inputLength** = 0
- **$lookAhead** = null
- **$output** = ”

3.46.1 Detailed Description

Javascript minifier class.

3.46.2 Constructor & Destructor Documentation

3.46.2.1 JavascriptMinifier::__construct ($ *input*)

Constructor.

Parameters

string $input Javascript to be minified.

3.46.3 Member Function Documentation

3.46.3.1 JavascriptMinifier::action ($ *command*) `[protected]`

Action -- do something! What to do is determined by the $command argument.

action treats a string as a single character. Wow! action recognizes a regular expression if it is preceded by (or , or =.

next() get()

Exceptions

JavascriptMinifierException If parser errors are found:

- Unterminated string literal
- Unterminated regular expression set in regex literal
- Unterminated regular expression literal

Parameters

int $command One of class constants: ACTION_KEEP_A Output A. Copy B to A. Get the next B. ACTION_DELETE_A Copy B to A. Get the next B. (Delete A). ACTION_DELETE_A_B Get the next B. (Delete B).

3.46.3.2 JavascriptMinifier::get () `[protected]`

Get next char. Convert ctrl char to space.

Returns

string|null

3.46.3.3 JavascriptMinifier::isAlphaNum ($ *c*) `[protected]`

Is $c a letter, digit, underscore, dollar sign, or non-ASCII character.

Returns

bool

3.46.3.4 JavascriptMinifier::min () `[protected]`

Perform minification, return result

action() isAlphaNum()

Returns

string

3.46.3.5 static JavascriptMinifier::minify ($*js*) `[static]`

Minifies Javascript.

__construct() min()

Parameters

string $js Javascript to be minified

Returns

string

3.46.3.6 JavascriptMinifier::next () `[protected]`

Get the next character, skipping over comments. peek() is used to see if a '/' is followed by a '/' or '*'.

get() peek()

Exceptions

JavascriptMinifierException On unterminated comment.

Returns

string

3.46.3.7 JavascriptMinifier::peek () `[protected]`

Get next char. If is ctrl character, translate to a space or newline.

get()

Returns

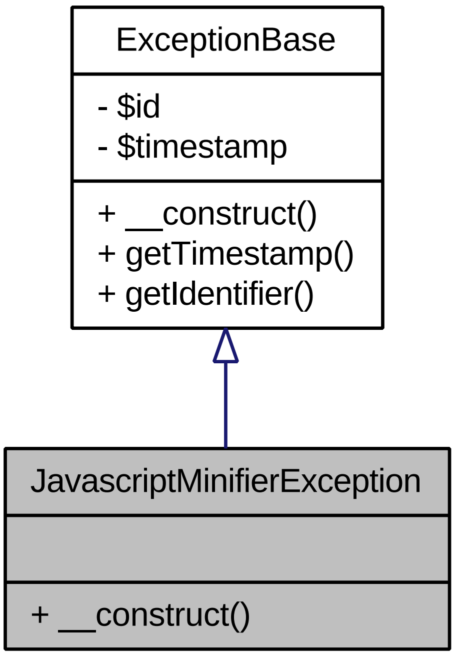
string|null

The documentation for this class was generated from the following file:

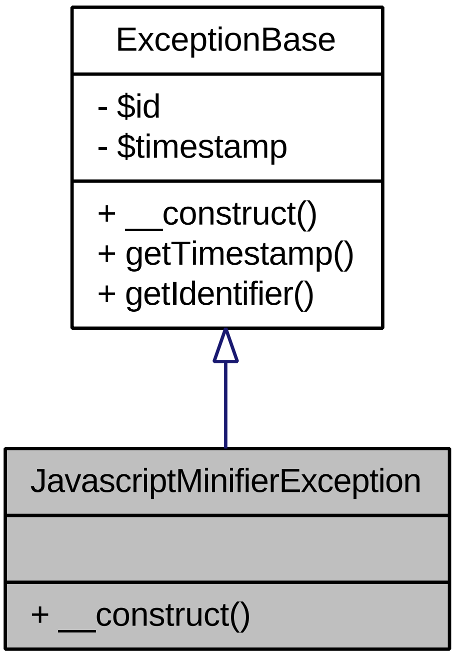
- www/backend/util/jsmin.php

3.47 JavascriptMinifierException Class Reference

Inheritance diagram for JavascriptMinifierException:



Collaboration diagram for JavascriptMinifierException:



Public Member Functions

- **__construct** ($msg)

3.47.1 Detailed Description

jsmin.php - PHP implementation of Douglas Crockford's JSMin.

This is pretty much a direct port of jsmin.c to PHP with just a few PHP-specific performance tweaks. Also, whereas jsmin.c reads from stdin and outputs to stdout, this library accepts a string as input and returns another string as output.

PHP 5 or higher is required.

Permission is hereby granted to use this version of the library under the same terms as jsmin.c, which has the following license:

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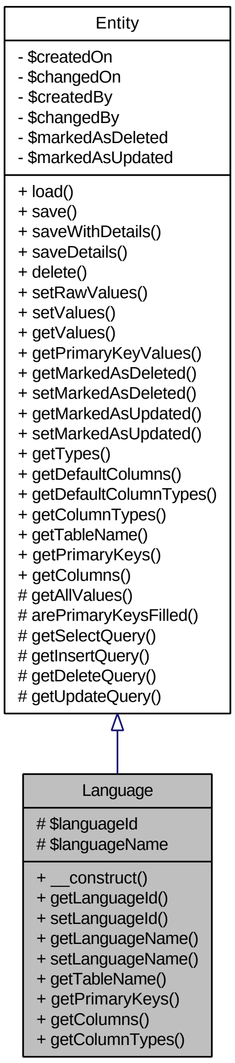
The documentation for this class was generated from the following file:

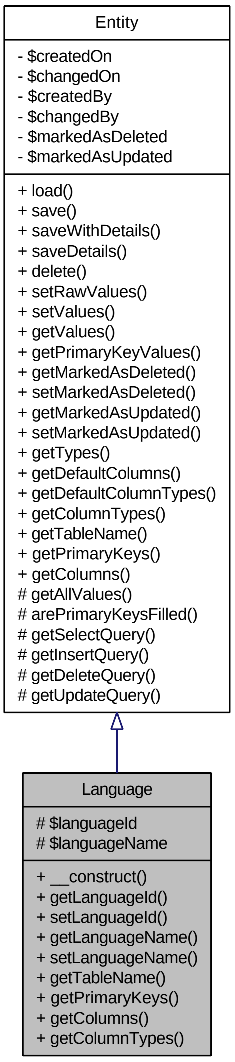
- www/backend/util/jsmin.php

3.48 Language Class Reference

Inheritance diagram for Language:



Collaboration diagram for Language:



Public Member Functions

- __construct ($id=null)
- getLanguageId ()
- **setLanguageId** ($id)
- **getLanguageName** ()
- **setLanguageName** ($name)

Static Public Member Functions

- static getTableName ()

- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Protected Attributes

- $languageId
- $languageName

3.48.1 Detailed Description

Class representing a language.

3.48.2 Constructor & Destructor Documentation

3.48.2.1 Language::__construct ($ *id* = `null`)

Constructs a language entity.

Parameters

$id Id of the language. Default (null) will create a new one.

3.48.3 Member Function Documentation

3.48.3.1 static Language::getColumns () `[static]`

Gets all the columns that are not primary keys as an array.

Reimplemented from Entity.

3.48.3.2 static Language::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.48.3.3 Language::getLanguageId ()

Getters and setters.

3.48.3.4 static Language::getPrimaryKeys () `[static]`

Get an array with the primary keys.

Reimplemented from Entity.

3.48.3.5 static Language::getTableName () `[static]`

Get the name of the corresponding table.

Reimplemented from Entity.

3.48.4 Member Data Documentation

3.48.4.1 Language::$languageId `[protected]`

The identifier of a language.

3.48.4.2 Language::$languageName `[protected]`

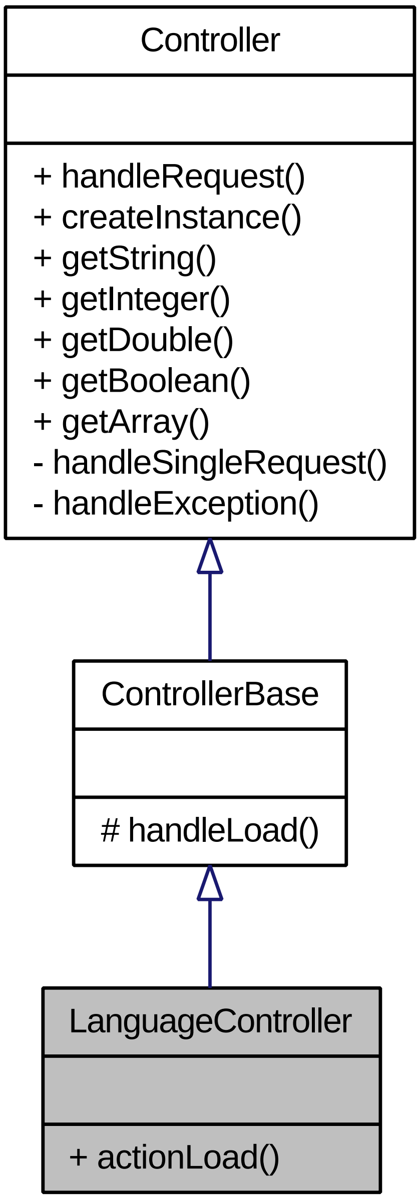
The name of the language.

The documentation for this class was generated from the following file:

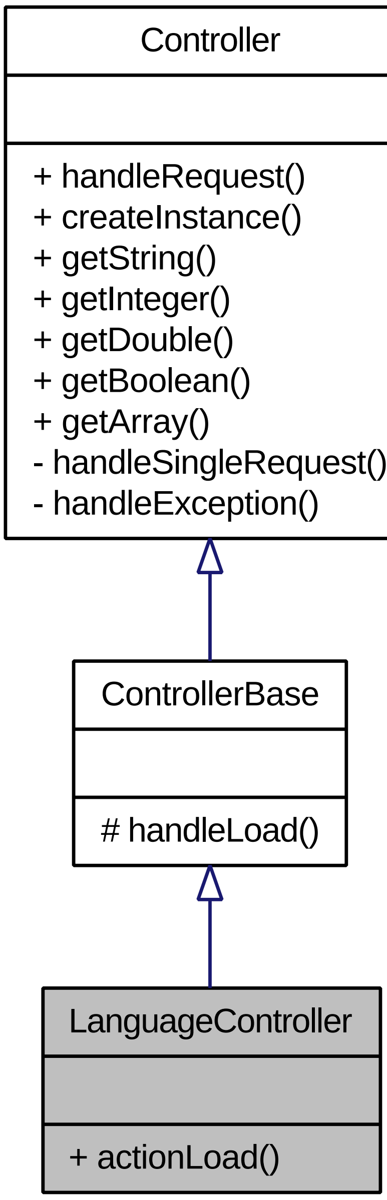
- www/backend/models/language/language.php

3.49 LanguageController Class Reference

Inheritance diagram for LanguageController:



Collaboration diagram for LanguageController:



Public Member Functions

- actionLoad ($data)

3.49.1 Detailed Description

Language controller class.

3.49.2 Member Function Documentation

3.49.2.1 LanguageController::actionLoad ($ *data*)

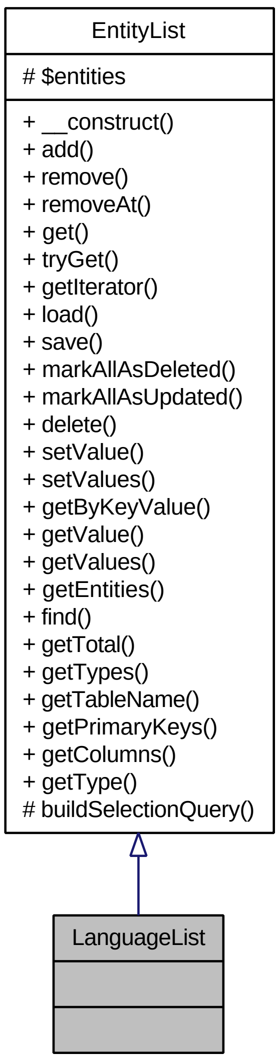
Loads languages.

The documentation for this class was generated from the following file:

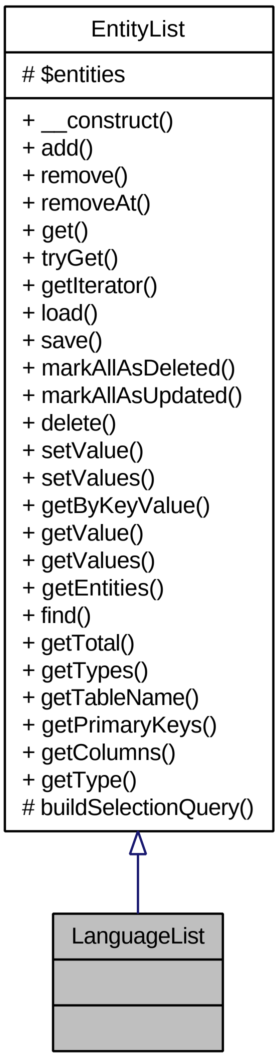
- www/backend/controllers/languagecontroller.php

3.50 LanguageList Class Reference

Inheritance diagram for LanguageList:



Collaboration diagram for LanguageList:



3.50.1 Detailed Description

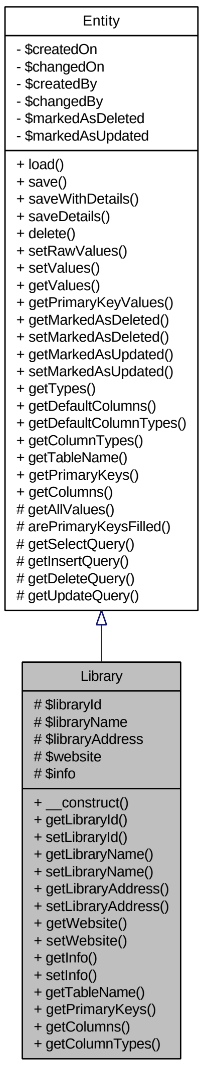
Class representing a language entity list.

The documentation for this class was generated from the following file:

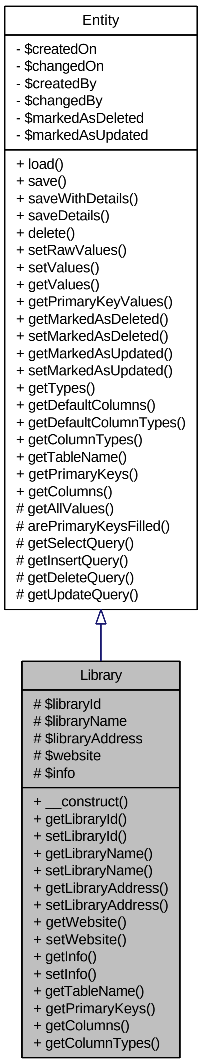
- www/backend/models/language/languagelist.php

3.51 Library Class Reference

Inheritance diagram for Library:



Collaboration diagram for Library:



Public Member Functions

- __construct ($libraryId=null)
- getLibraryId ()
- **setLibraryId** ($libraryId)
- **getLibraryName** ()
- **setLibraryName** ($libraryName)
- **getLibraryAddress** ()
- **setLibraryAddress** ($libraryAddress)
- **getWebsite** ()
- **setWebsite** ($website)

- **getInfo** ()
- **setInfo** ($info)

Static Public Member Functions

- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Protected Attributes

- $libraryId
- $libraryName
- $libraryAddress
- $website
- $info

3.51.1 Detailed Description

Class representing a library entity.

3.51.2 Constructor & Destructor Documentation

3.51.2.1 Library::__construct ($ *libraryId* = `null`)

Constructs a library by id.

Parameters

$id Id of the library. Default (null) will create a new library.

3.51.3 Member Function Documentation

3.51.3.1 static Library::getColumns () `[static]`

Gets all the columns.

Returns

Array of all columns, except primary keys.

Reimplemented from Entity.

3.51.3.2 static Library::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.51.3.3 Library::getLibraryId ()

Getters and setters.

3.51.3.4 static Library::getPrimaryKeys () `[static]`

Gets the primary keys.

Returns

Array of all primary keys.

Reimplemented from Entity.

3.51.3.5 static Library::getTableName () `[static]`

Gets the table name.

Returns

The table name.

Reimplemented from Entity.

3.51.4 Member Data Documentation

3.51.4.1 Library::$info `[protected]`

Info text about this library.

3.51.4.2 Library::$libraryAddress `[protected]`

Library address

3.51.4.3 Library::$libraryId `[protected]`

Id of this library.

3.51.4.4 Library::$libraryName `[protected]`

Library name.

3.51.4.5 Library::$website `[protected]`

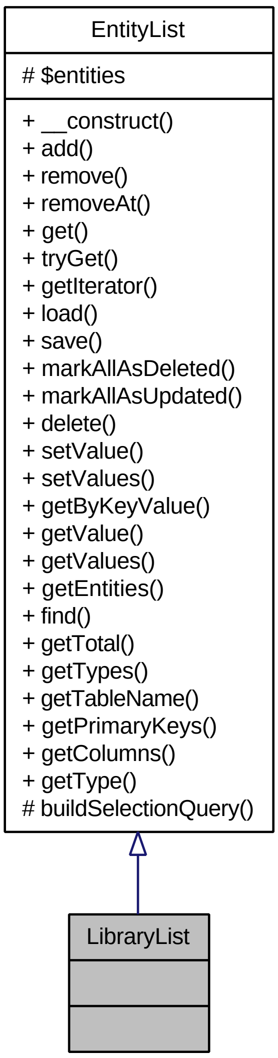
Library website.

The documentation for this class was generated from the following file:

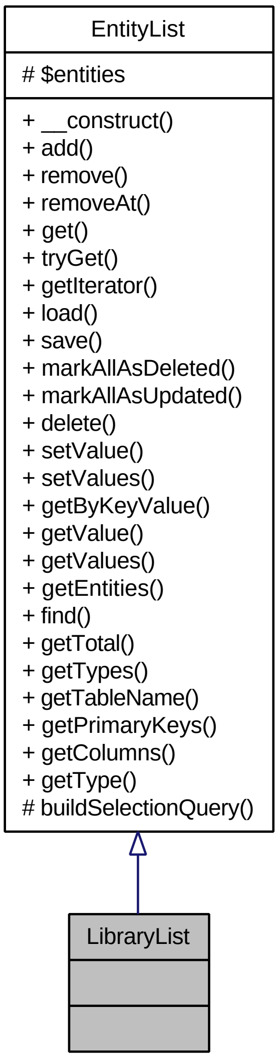
- www/backend/models/library/library.php

3.52 LibraryList Class Reference

Inheritance diagram for LibraryList:



Collaboration diagram for LibraryList:



3.52.1 Detailed Description

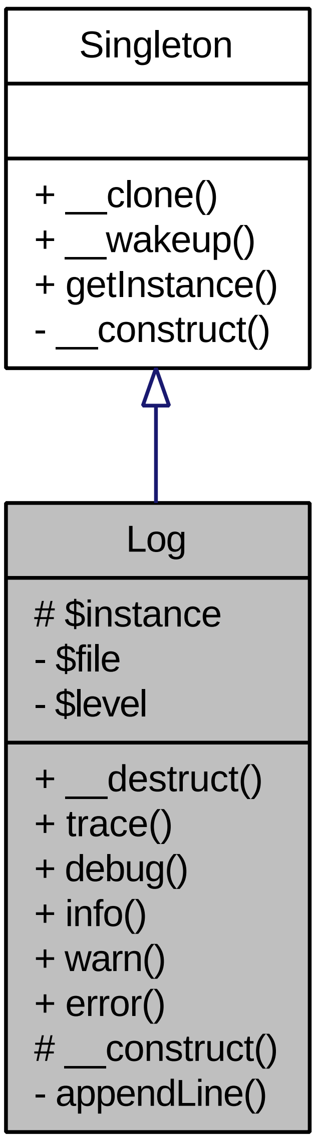
Class representing a library entity list.

The documentation for this class was generated from the following file:

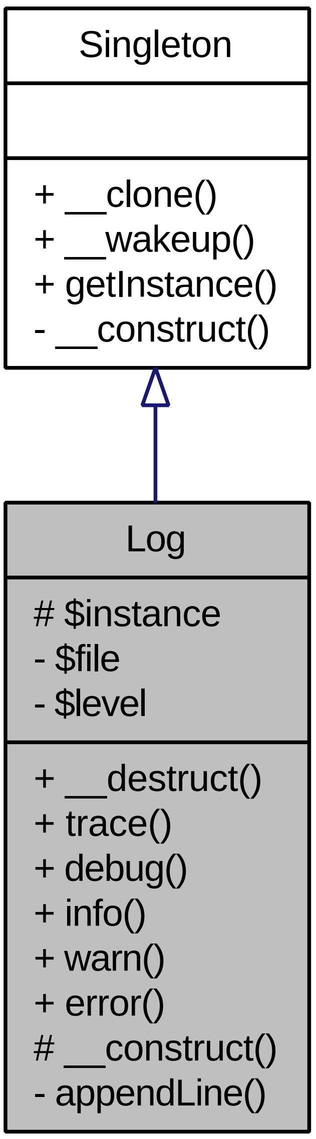
- www/backend/models/library/librarylist.php

3.53 Log Class Reference

Inheritance diagram for Log:



Collaboration diagram for Log:



Public Member Functions

- __destruct ()

Static Public Member Functions

- static trace ($format)
- static debug ($format)

- static info ($format)
- static warn ($format)
- static error ($format)

Protected Member Functions

- __construct ()

Static Protected Attributes

- static $instance

3.53.1 Detailed Description

Log class.

3.53.2 Constructor & Destructor Documentation

3.53.2.1 Log::__construct () `[protected]`

Constructs a log class instance.

Reimplemented from Singleton.

3.53.2.2 Log::__destruct ()

Closes log file.

3.53.3 Member Function Documentation

3.53.3.1 static Log::debug ($ *format*) `[static]`

Adds a debug message.

Parameters

$format	The format of the message.
...	The arguments of the format.

3.53.3.2 static Log::error ($ *format*) `[static]`

Adds an error message.

Parameters

$format	The format of the message.
...	The arguments of the format.

3.53.3.3 static Log::info ($*format*) `[static]`

Adds an info message.

Parameters

$format	The format of the message.
...	The arguments of the format.

3.53.3.4 static Log::trace ($*format*) `[static]`

Adds a trace message.

Parameters

$format	The format of the message.
...	The arguments of the format.

3.53.3.5 static Log::warn ($*format*) `[static]`

Adds a warning message.

Parameters

$format	The format of the message.
...	The arguments of the format.

3.53.4 Member Data Documentation

3.53.4.1 Log::$instance `[static, protected]`

Unique instance.

The documentation for this class was generated from the following file:

- www/backend/framework/util/log.php

3.54 Mailer Class Reference

Static Public Member Functions

- static sendMail ($recipient, $subject, $message)
- static sendActivationMail ($puser)
- static sendUserDeclinedMail ($puser)
- static sendPasswordRestorationMail ($user)

3.54.1 Detailed Description

General helper class for sending e-mails.

3.54.2 Member Function Documentation

3.54.2.1 static Mailer::sendActivationMail ($ *puser*) `[static]`

Sends a standard activation mail to the specified PendingUser containing his or her activation code.

Parameters

PendingUser $puser The pending user entity, its values should be set.

Exceptions

MailerException When something goes wrong, like the e-mail not being accepted for delivery.

3.54.2.2 static Mailer::sendMail ($ *recipient*, $ *subject*, $ *message*) `[static]`

Sends an e-mail. Opens up and closes an SMTP connection and therefore is not very suitable for 'mass mailing' a large numbers of users at once.

Parameters

string $recipient The e-mail address of the recipient.

string $subject The subject of the mail.

string $message The message in the body of the mail.

Exceptions

MailException When an e-mail is not accepted for delivery.

3.54.2.3 static Mailer::sendPasswordRestorationMail ($ *user*) `[static]`

Sends a standard password restoration mail to the specified User.

Parameters

User $user The user entity, its values should be set.

Exceptions

MailerException When something goes wrong, like the e-mail not being accepted for delivery.

3.54.2.4 static Mailer::sendUserDeclinedMail ($ *puser*) `[static]`

Sends a standard registration declined mail to the specified PendingUser.

Parameters

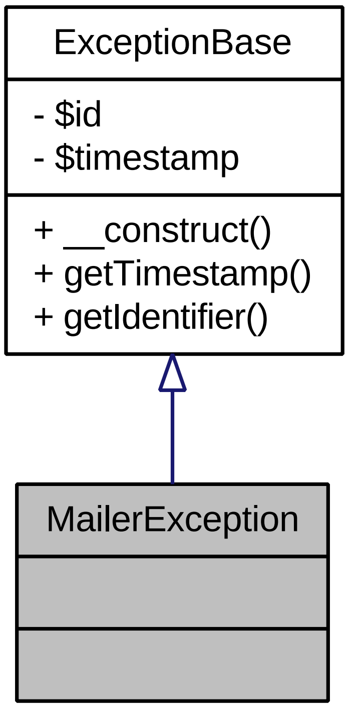
PendingUser $puser The pending user entity, its values should be set.

The documentation for this class was generated from the following file:

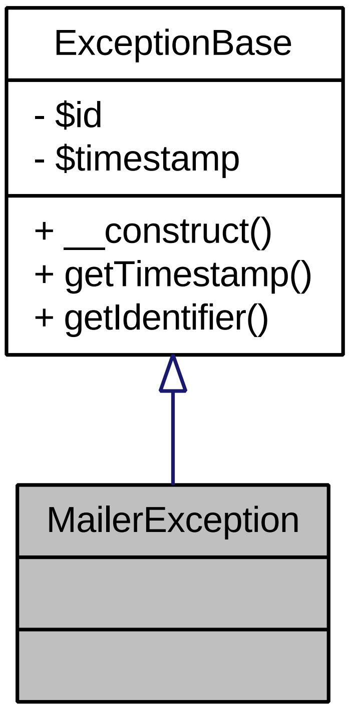
- www/backend/util/mailer.php

3.55 MailerException Class Reference

Inheritance diagram for MailerException:



Collaboration diagram for MailerException:



3.55.1 Detailed Description

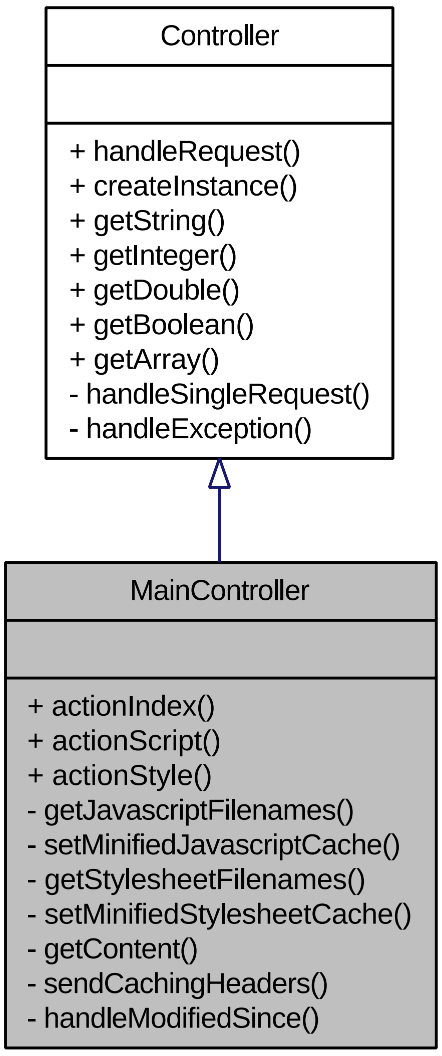
Exceptions.

The documentation for this class was generated from the following file:

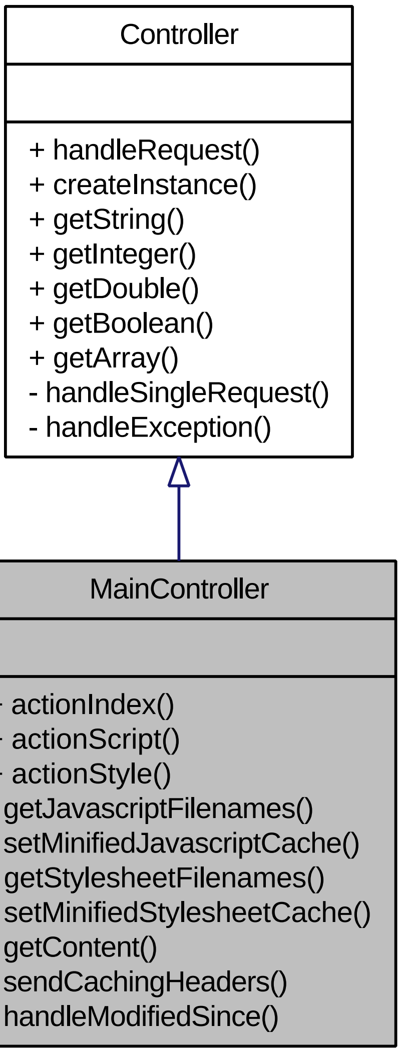
- www/backend/util/mailer.php

3.56 MainController Class Reference

Inheritance diagram for MainController:



Collaboration diagram for MainController:



Public Member Functions

- actionIndex ($data)
- actionScript ($data)
- actionStyle ($data)

3.56.1 Detailed Description

Main controller class.

3.56.2 Member Function Documentation

3.56.2.1 MainController::actionIndex ($ *data*)

Loads index page.

3.56.2.2 MainController::actionScript ($ *data*)

Loads Javascript.

3.56.2.3 MainController::actionStyle ($ *data*)

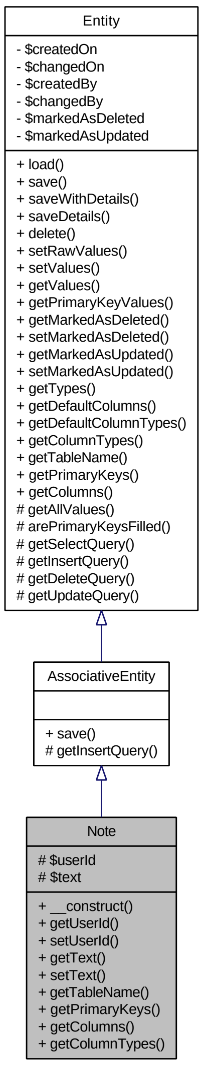
Loads stylesheets.

The documentation for this class was generated from the following file:

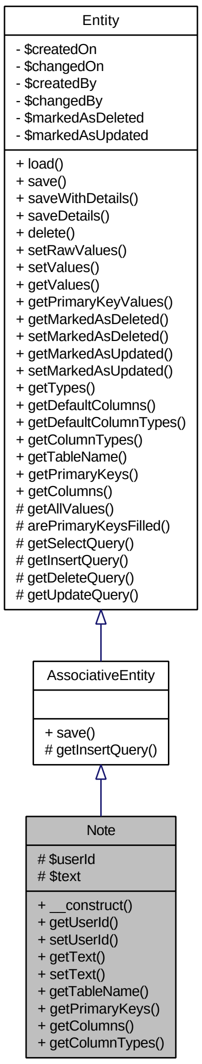
- www/backend/controllers/maincontroller.php

3.57 Note Class Reference

Inheritance diagram for Note:



Collaboration diagram for Note:



Public Member Functions

- __construct ($id=null)
- getUserId ()
- **setUserId** ($userId)
- **getText** ()
- **setText** ($text)

Static Public Member Functions

- static getTableName ()

- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Protected Attributes

- $userId
- $text

3.57.1 Detailed Description

Class representing a note entity.

3.57.2 Constructor & Destructor Documentation

3.57.2.1 Note::__construct ($ *id* = `null`)

Constructs a note by user id.

Parameters

$id Id of the user. Default (null) will create a new note.

3.57.3 Member Function Documentation

3.57.3.1 static Note::getColumns () `[static]`

Gets all the columns.

Returns

Array of all columns, except primary keys.

Reimplemented from Entity.

3.57.3.2 static Note::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.57.3.3 static Note::getPrimaryKeys () `[static]`

Gets the primary keys.

Returns

Array of all primary keys.

Reimplemented from Entity.

3.57.3.4 static Note::getTableName () `[static]`

Gets the table name.

Returns

The table name.

Reimplemented from Entity.

3.57.3.5 Note::getUserId ()

Getters and setters.

3.57.4 Member Data Documentation

3.57.4.1 Note::$text `[protected]`

Text inside the note.

3.57.4.2 Note::$userId `[protected]`

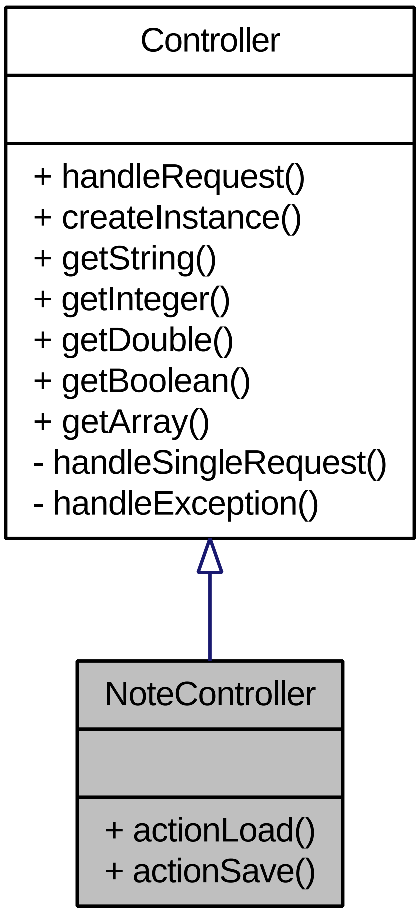
Id of the user who made the notes.

The documentation for this class was generated from the following file:

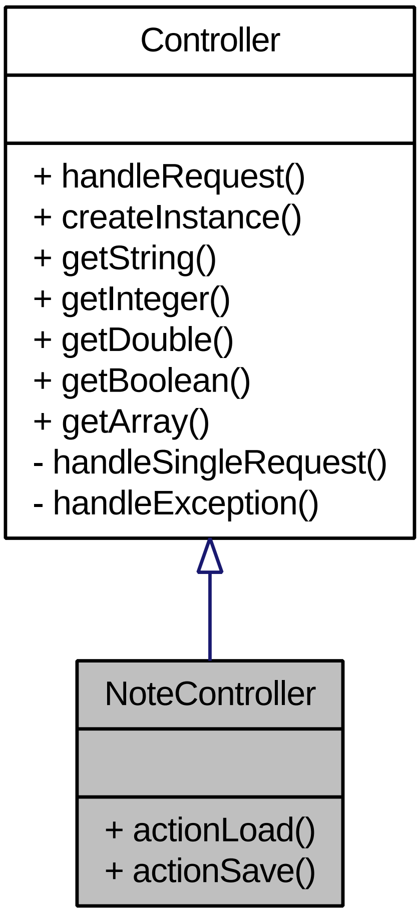
- www/backend/models/note/note.php

3.58 NoteController Class Reference

Inheritance diagram for NoteController:



Collaboration diagram for NoteController:



Public Member Functions

- actionLoad ($data)
- actionSave ($data)

3.58.1 Detailed Description

Note controller class.

3.58.2 Member Function Documentation

3.58.2.1 NoteController::actionLoad ($ *data*)

Loads a note.

3.58.2.2 NoteController::actionSave ($ *data*)

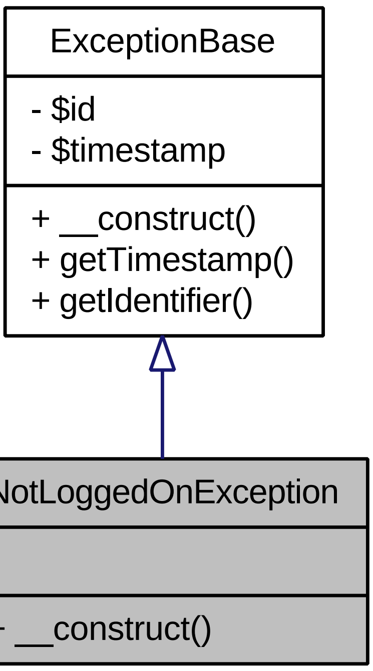
Saves a note.

The documentation for this class was generated from the following file:

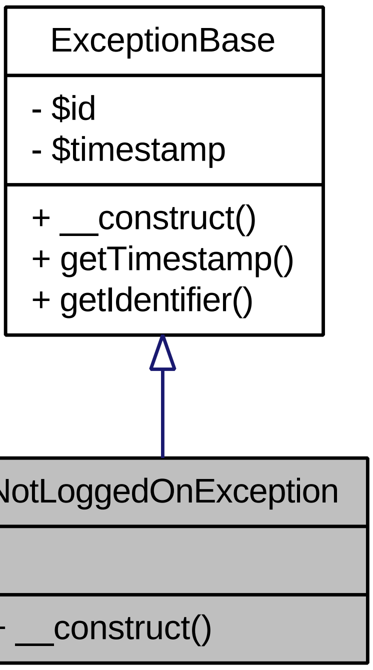
- www/backend/controllers/notecontroller.php

3.59 NotLoggedOnException Class Reference

Inheritance diagram for NotLoggedOnException:



Collaboration diagram for NotLoggedOnException:



3.59.1 Detailed Description

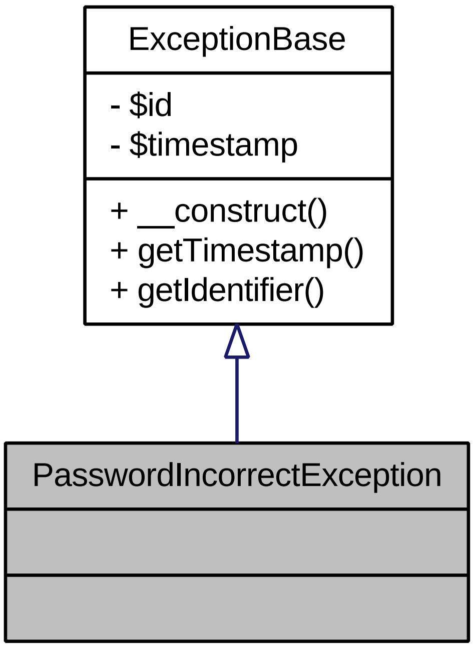
Exceptions.

The documentation for this class was generated from the following file:

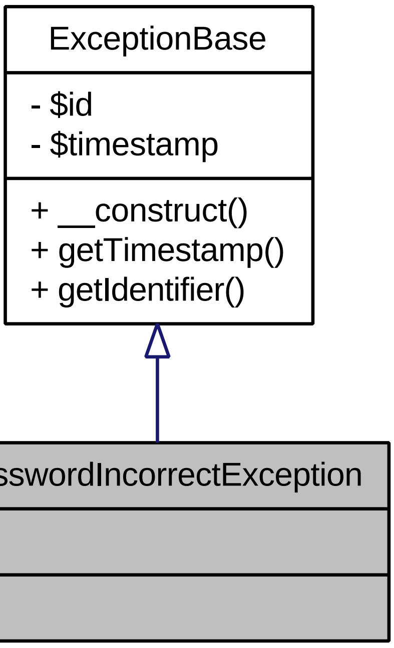
- www/backend/util/authentication.php

3.60 PasswordIncorrectException Class Reference

Inheritance diagram for PasswordIncorrectException:



Collaboration diagram for PasswordIncorrectException:



The documentation for this class was generated from the following file:

- www/backend/controllers/usercontroller.php

3.61 Pdf Class Reference

Public Member Functions

- __construct (Binding $binding, CacheEntry $cacheEntry, $range=null, $transcriptions=null, $annotations=false)

3.61.1 Detailed Description

A PDF exporting class. Exports bindings or a subset thereof to the PDF format.

This class has no public methods other than its constructor: it immediately exports to the given CacheEntry.

All dimensions are in points, equalling 1/72 inch, unless indicated otherwise.

3.61.2 Constructor & Destructor Documentation

3.61.2.1 Pdf::__construct (Binding $ *binding*, CacheEntry $ *cacheEntry*, $ *range* = `null`, $ *transcriptions* = `null`, $ *annotations* = `false`)

Creates a new PDF based on the given scan.

Parameters

Binding $binding The Binding to export.

CacheEntry $cacheEntry The CacheEntry to export to.

mixed $range The range of pages to export. This may be null for all, a number for a single page and an array of two numbers for a range.

callback $transcriptions Function that extracts required transcription languages from Annotations.

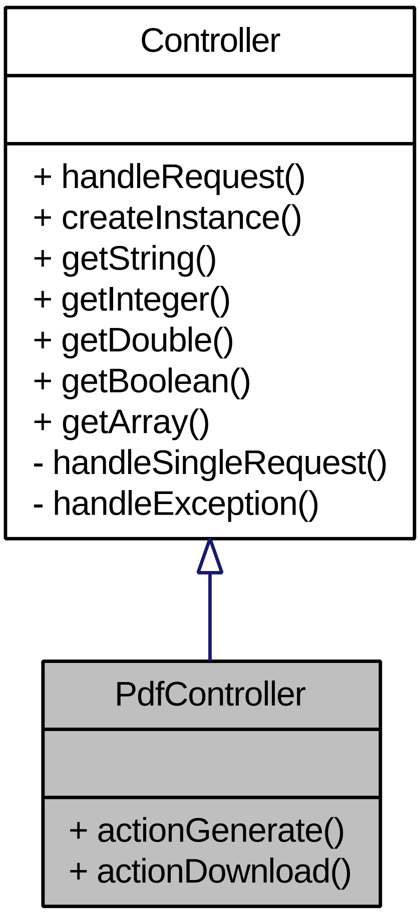
boolean $annotations Whether to include annotations on the scans. Only valid on combination with transcriptions parameter set.

The documentation for this class was generated from the following file:

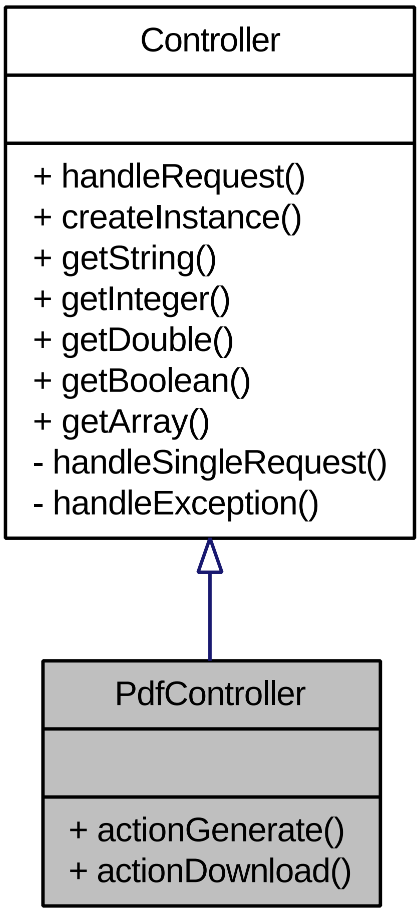
- www/backend/util/pdf.php

3.62 PdfController Class Reference

Inheritance diagram for PdfController:



Collaboration diagram for PdfController:



Public Member Functions

- actionGenerate ($data)
- actionDownload ($data)

3.62.1 Detailed Description

PDF controller class.

3.62.2 Member Function Documentation

3.62.2.1 PdfController::actionDownload ($ *data*)

Outputs the PDF as a file for downloading. Also sets the correct headers for file download.

3.62.2.2 PdfController::actionGenerate ($ *data*)

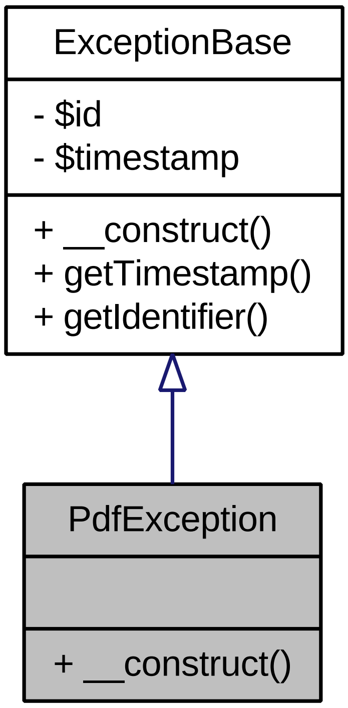
Generates the PDF and stores it in a cache file.

The documentation for this class was generated from the following file:

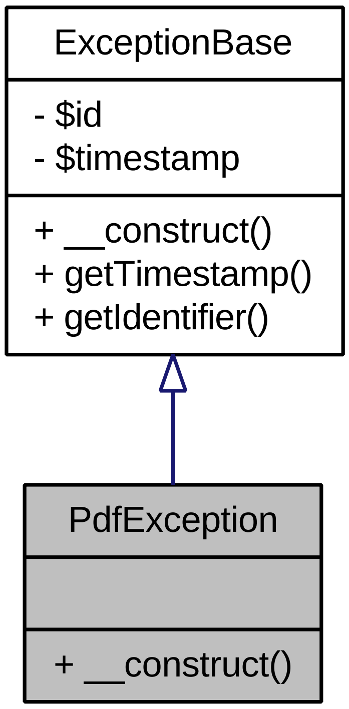
- www/backend/controllers/pdfcontroller.php

3.63 PdfException Class Reference

Inheritance diagram for PdfException:



Collaboration diagram for PdfException:

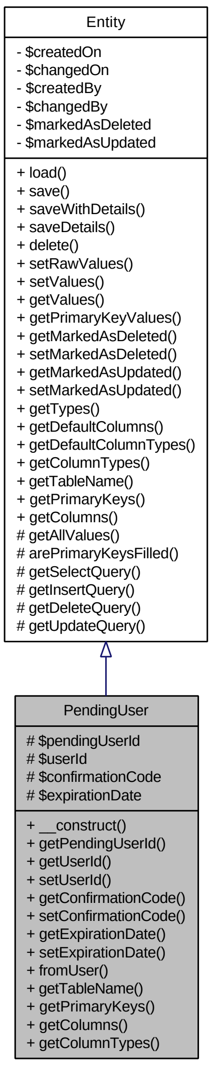


The documentation for this class was generated from the following file:

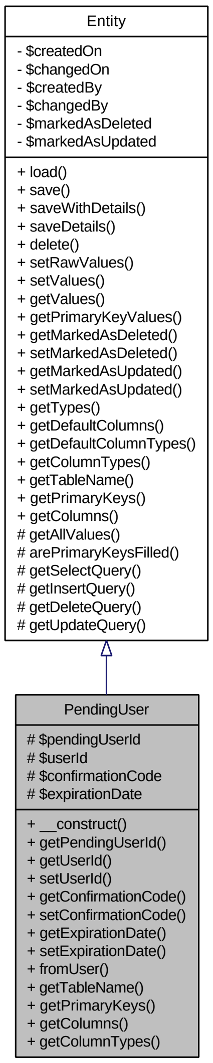
- www/backend/util/pdf.php

3.64 PendingUser Class Reference

Inheritance diagram for PendingUser:



Collaboration diagram for PendingUser:



Public Member Functions

- __construct ($id=null)
- getPendingUserId ()
- **getUserId** ()
- **setUserId** ($id)
- **getConfirmationCode** ()
- **setConfirmationCode** ($code)
- **getExpirationDate** ()
- **setExpirationDate** ($date)

Static Public Member Functions

- static fromUser ($user)
- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Protected Attributes

- $pendingUserId
- $userId
- $confirmationCode
- $expirationDate

3.64.1 Detailed Description

Class representing a yet unactivated user entity.

3.64.2 Constructor & Destructor Documentation

3.64.2.1 PendingUser::__construct ($ *id* = `null`)

Constructs a pending user.

Parameters

$id Id of the pending user. Default (null) will create a new pending user.

3.64.3 Member Function Documentation

3.64.3.1 static PendingUser::fromUser ($ *user*) `[static]`

Constructs a new PendingUser based on an existing User. This method will also generate a confirmation code and set a expiration date. Accepted will be set to NULL.

This new pending user can subsequently be saved to create a new database entry or update an existing one.

Returns

PendingUser The new pending user.

3.64.3.2 static PendingUser::getColumns () `[static]`

Gets all the columns that are not primary keys as an array.

Reimplemented from Entity.

3.64.3.3 static PendingUser::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.64.3.4 PendingUser::getPendingUserId ()

Getters and setters.

3.64.3.5 static PendingUser::getPrimaryKeys () `[static]`

Get an array with the primary keys.

Reimplemented from Entity.

3.64.3.6 static PendingUser::getTableName () `[static]`

Get the name of the corresponding table.

Reimplemented from Entity.

3.64.4 Member Data Documentation

3.64.4.1 PendingUser::$confirmationCode `[protected]`

Confirmation code.

3.64.4.2 PendingUser::$expirationDate `[protected]`

The date of when this pending user will expire. Will be a timestamp.

3.64.4.3 PendingUser::$pendingUserId `[protected]`

Pending user id

3.64.4.4 PendingUser::$userId `[protected]`

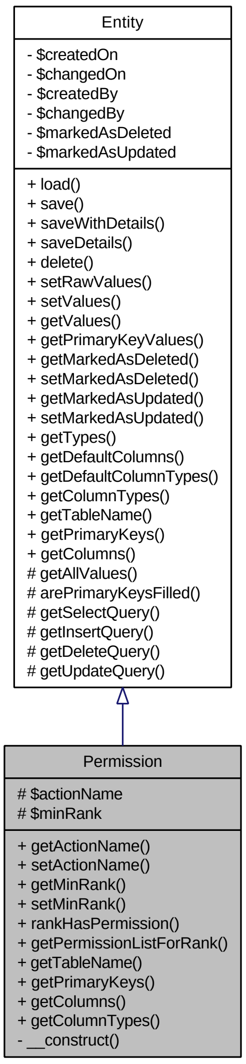
User id.

The documentation for this class was generated from the following file:

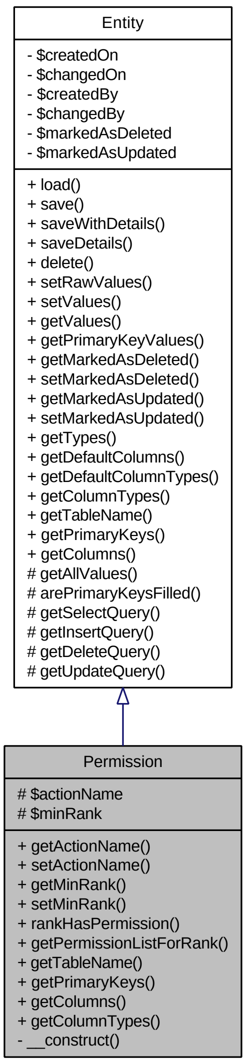
- www/backend/models/user/pendinguser.php

3.65 Permission Class Reference

Inheritance diagram for Permission:



Collaboration diagram for Permission:



Public Member Functions

- getActionName ()
- **setActionName** ($name)
- **getMinRank** ()
- **setMinRank** ($rank)

Static Public Member Functions

- static rankHasPermission ($action, $rank)
- static getPermissionListForRank ($rank)

- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Protected Attributes

- $actionName
- $minRank

3.65.1 Detailed Description

Permission entity. This represents actions restricted to specific users.

3.65.2 Member Function Documentation

3.65.2.1 Permission::getActionName ()

Getters and setters.

3.65.2.2 static Permission::getColumns () `[static]`

Gets all the columns that are not primary keys as an array.

Reimplemented from Entity.

3.65.2.3 static Permission::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.65.2.4 static Permission::getPermissionListForRank ($ *rank*) `[static]`

Returns an array of all actions a user with the specified rank is allowed to perform.

Parameters

int $rank The rank of the kind of user for which to receive the permission list.

Returns

array An array of strings representing action names.

3.65.2.5 static Permission::getPrimaryKeys () `[static]`

Get an array with the primary keys.

Reimplemented from Entity.

3.65.2.6 static Permission::getTableName () `[static]`

Get the name of the corresponding table.

Reimplemented from Entity.

3.65.2.7 static Permission::rankHasPermission ($ *action*, $ *rank*) `[static]`

Indicates whether some user with the provided rank has permission to undertake the action with a certain name.

Parameters

string $action The name of the action.

int $rank The user rank for which to test the permission.

Returns

bool true if if the rank is high enough for this action, false otherwise.

Exceptions

EntityException If no action with this name could be found in the database.

3.65.3 Member Data Documentation

3.65.3.1 Permission::$actionName `[protected]`

Name of the associated action.

3.65.3.2 Permission::$minRank `[protected]`

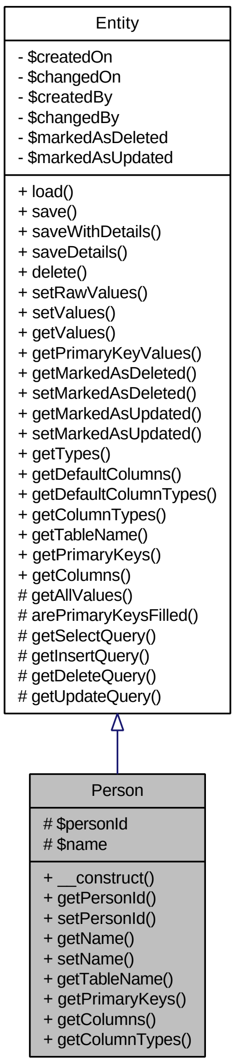
Minimal rank required to undertake this action.

The documentation for this class was generated from the following file:

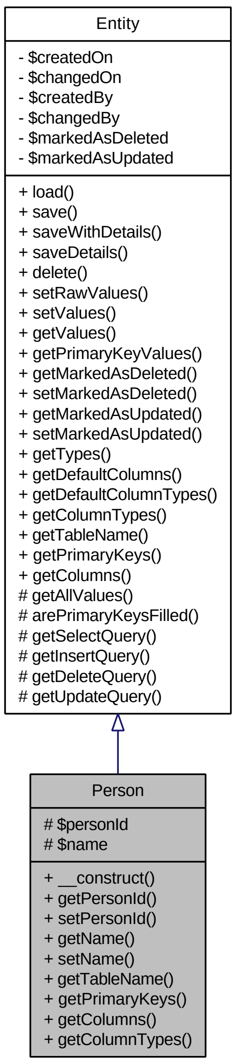
- www/backend/models/permission/permission.php

3.66 Person Class Reference

Inheritance diagram for Person:



Collaboration diagram for Person:



Public Member Functions

- __construct ($personId=null)
- getPersonId ()
- **setPersonId** ($personId)
- **getName** ()
- **setName** ($name)

Static Public Member Functions

- static getTableName ()

- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Protected Attributes

- $personId
- $name

3.66.1 Detailed Description

Class representing a person entity.

3.66.2 Constructor & Destructor Documentation

3.66.2.1 Person::__construct ($ *personId* = `null`)

Constructs a person by id.

Parameters

$id Id of the person. Default (null) will create a new person.

3.66.3 Member Function Documentation

3.66.3.1 static Person::getColumns () `[static]`

Gets all the columns.

Returns

Array of all columns, except primary keys.

Reimplemented from Entity.

3.66.3.2 static Person::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.66.3.3 Person::getPersonId ()

Getters and setters.

3.66.3.4 static Person::getPrimaryKeys () `[static]`

Gets the primary keys.

Returns

Array of all primary keys.

Reimplemented from Entity.

3.66.3.5 static Person::getTableName () `[static]`

Gets the table name.

Returns

The table name.

Reimplemented from Entity.

3.66.4 Member Data Documentation

3.66.4.1 Person::$name `[protected]`

Full name of the person.

3.66.4.2 Person::$personId `[protected]`

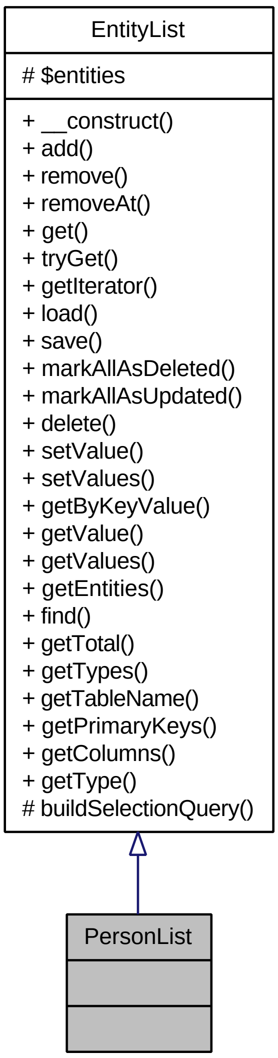
Person id.

The documentation for this class was generated from the following file:

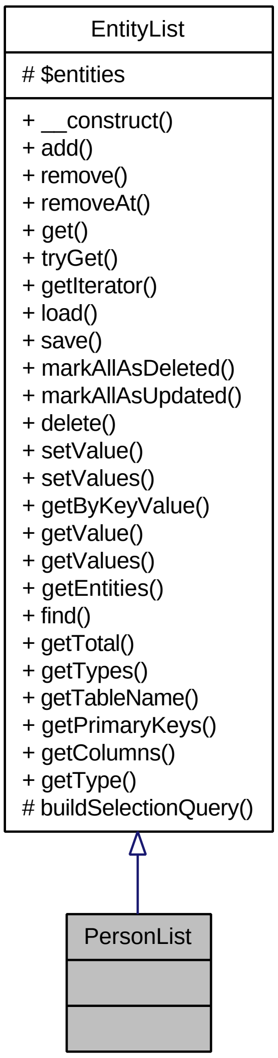
- www/backend/models/person/person.php

3.67 PersonList Class Reference

Inheritance diagram for PersonList:



Collaboration diagram for PersonList:



3.67.1 Detailed Description

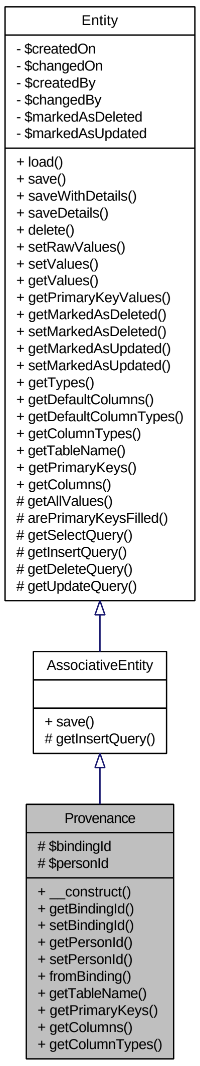
Class representing a person entity list.

The documentation for this class was generated from the following file:

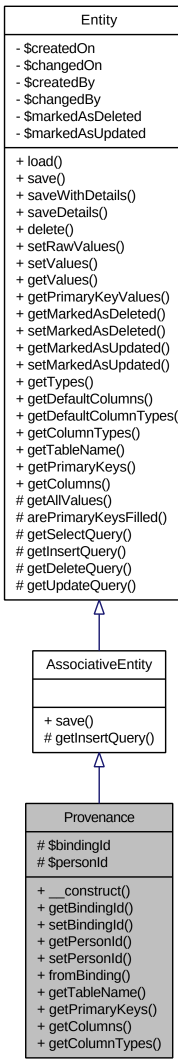
- www/backend/models/person/personlist.php

3.68 Provenance Class Reference

Inheritance diagram for Provenance:



Collaboration diagram for Provenance:



Public Member Functions

- __construct ($bindingId=null, $personId=null)
- getBindingId ()
- **setBindingId** ($bindingId)
- **getPersonId** ()
- **setPersonId** ($personId)

Static Public Member Functions

- static fromBinding ($binding)

- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Protected Attributes

- $bindingId
- $personId

3.68.1 Detailed Description

Class representing a provenance entity. Associatieve between binding and person.

3.68.2 Constructor & Destructor Documentation

3.68.2.1 Provenance::__construct ($ *bindingId* = `null`, $ *personId* = `null`)

Constructs a provenance by binding and person ids.

Parameters

$bindingId Id of the binding. Default (null) will create a new provenance.

$personId Id of the person. Default (null) will create a new provenance.

3.68.3 Member Function Documentation

3.68.3.1 static Provenance::fromBinding ($ *binding*) `[static]`

Returns all the readers of one binding

Parameters

$binding The binding model

Returns

Array of provenance models

3.68.3.2 Provenance::getBindingId ()

Getters and setters.

3.68.3.3 static Provenance::getColumns () `[static]`

Gets all the columns.

Returns

Array of all columns, except primary keys.

Reimplemented from Entity.

3.68.3.4 static Provenance::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.68.3.5 static Provenance::getPrimaryKeys () `[static]`

Gets the primary keys.

Returns

Array of all primary keys.

Reimplemented from Entity.

3.68.3.6 static Provenance::getTableName () `[static]`

Gets the table name.

Returns

The table name.

Reimplemented from Entity.

3.68.4 Member Data Documentation

3.68.4.1 Provenance::$bindingId `[protected]`

Binding id.

3.68.4.2 Provenance::$personId `[protected]`

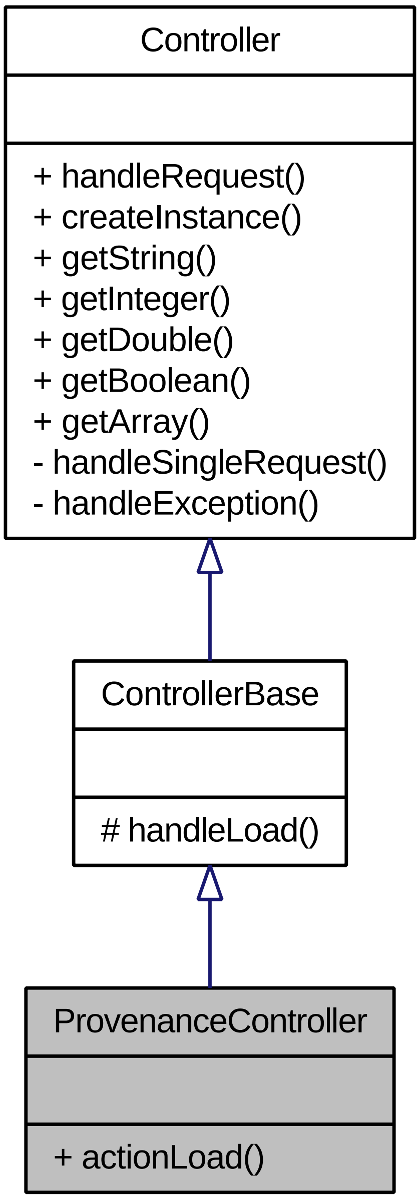
Person id.

The documentation for this class was generated from the following file:

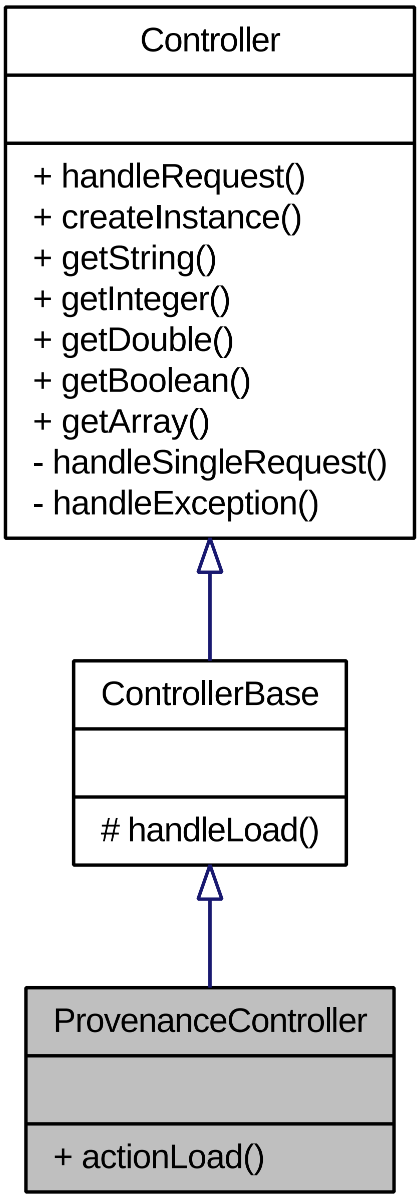
- www/backend/models/provenance/provenance.php

3.69 ProvenanceController Class Reference

Inheritance diagram for ProvenanceController:



Collaboration diagram for ProvenanceController:



Public Member Functions

- actionLoad ($data)

3.69.1 Detailed Description

Provenance controller class.

3.69.2 Member Function Documentation

3.69.2.1 ProvenanceController::actionLoad ($ *data*)

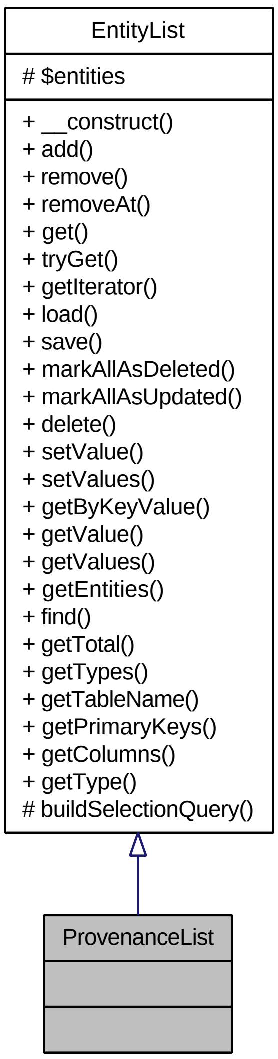
Loads provenances.

The documentation for this class was generated from the following file:

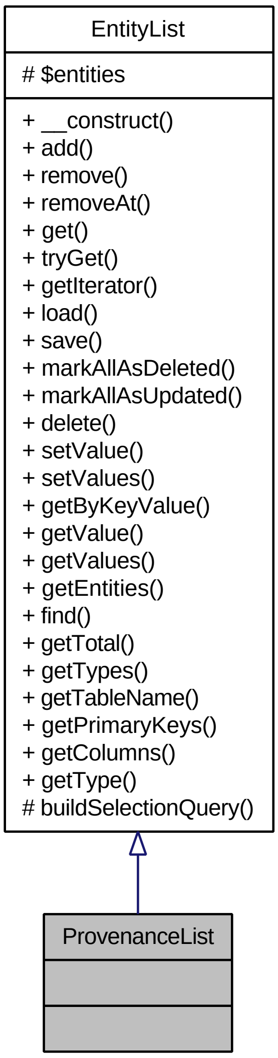
- www/backend/controllers/provenancecontroller.php

3.70 ProvenanceList Class Reference

Inheritance diagram for ProvenanceList:



Collaboration diagram for ProvenanceList:



3.70.1 Detailed Description

Class representing a provenance entity list.

The documentation for this class was generated from the following file:

- www/backend/models/provenance/provenancelist.php

3.71 Query Class Reference

Public Member Functions

- clear ($fields=null)
- **columns** ()
- **count** ($column= '∗', $as= 'total')
- **aggregate** ($function, $as= 'aggregate', $column= '∗')
- **headline** ($columns, $query, $as)
- returning ()
- from ()
- **join** ($table, $conditions= '', $type= '')
- where ()
- **whereOr** ()
- **having** ()
- **havingOr** ()
- whereFulltext ($columns, $query, $orNull=false, $isVector=false)
- **limit** ($limit=null, $offset=0)
- **groupBy** ()
- **orderBy** ($column, $direction= 'asc')
- **execute** ($arguments=array(), $types=null)

Static Public Member Functions

- static select ()
- static insert ($table, $values)
- static update ($table, $values)
- static delete ($table)

3.71.1 Detailed Description

EXAMPLES:

Complex example:

$query = Query::select('u.userId')-> from('Users u')-> count('id', 'grantTotal')-> aggregate('MAX', 'maximum')-> where('username = :username', 'passwordHash = :hash')-> whereOr('username = :username', 'passwordHash = :hash')-> join('OtherTable o', array('o.id = u.id', 'o.name = u.name'), 'LEFT')-> limit(0, 1)-> orderBy('u.username', 'desc')-> groupBy('u.name');

$rowSet = $query->execute(array(':username' => $username, ':hash' => self::secureHash($password)));

Simple example:

Query::delete('Users')->where('userId = :id')->execute(array('id' => $userId);

See also the User model.

3.71.2 Member Function Documentation

3.71.2.1 Query::clear ($ *fields* = `null`)

Clears all query elements that have been set.

Parameters

> ***array*** $fields The elements to clear. When null (default), will clear all elements.

3.71.2.2 static Query::delete ($ *table*) `[static]`

Determine the query should be a DELETE-statement. Should generally be followed by a where.

Parameters

> ***string*** $table The table from which to delete.

3.71.2.3 Query::from ()

When constructing a SELECT-statement, specifies which table(s) to select from.

Parameters

> ***string/array*** $tables An array of SQL identifiers representing tables to select from. It's also possible to specify a single string, which will be interpreted as an array containing only that.

3.71.2.4 static Query::insert ($ *table*, $ *values*) `[static]`

Determines the query should be an INSERT-statement and specifies its parameters.

Parameters

> ***string*** $table The name of the table in which to insert.
>
> ***array*** $vals An associative array with column names as keys and as values parameter marks or SQL values.

3.71.2.5 Query::returning ()

Specifies a column to be added to the returning clause.

Returning is a very useful PostgreSQL feature. See also the PostgreSQL documentation at `http://www.postgresql.org/docs/9.1/static/sql-insert.html`

Parameters

string ... The names of the column of which the value should be added to the result set.

3.71.2.6 static Query::select () `[static]`

Determines the query should be a SELECT-statement, if not yet the case, and specifies which columns should be selected. If already called on the same object before, it will extend the columns to be selected. If a single select with no argument or an empty array has been made, all columns will be selected.

Parameters

... SQL Identifiers representing columns to limit the result of the selection to.

3.71.2.7 static Query::update ($ *table*, $ *values*) `[static]`

Determines the query should be an UPDATE-statement and specifies its parameters. Can (and usually should) be followed by a where.

Parameters

string $table The name of the table in which to update rows.

array $vals An associative array with column names as keys and as values parameter marks or SQL values.

3.71.2.8 Query::where ()

Specify the a condition of a query. Each argument should be a string containing a predicate that will be directly placed in the where-statement of the query. Note that its contents will NOT be escaped or validated, so make sure they do not directly depend on user input. Parameter markers should be used instead.

The currently supported operators are '<','>','>=','<=', '=','==', 'is','like', 'ilike', '!=', '<>', 'not is', 'not like', 'not ilike', 'overlaps', 'in' and 'not in'. Operators are case insensitive.

The arguments are separated by a logical AND's. Use whereOr to separate them with OR's.

3.71.2.9 Query::whereFulltext ($ *columns*, $ *query*, $ *orNull* = `false`, $ *isVector* = `false`)

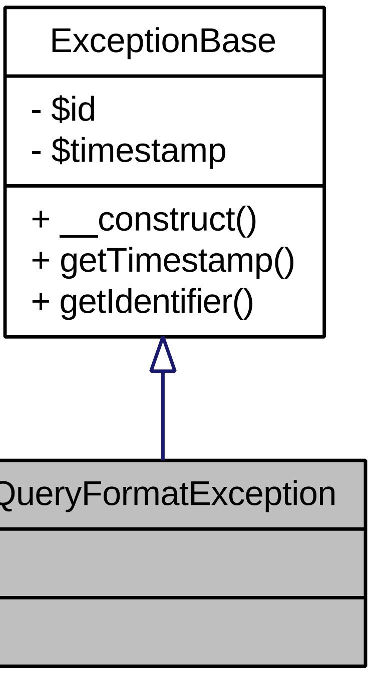
A specific where implementation for fulltext searches.

The documentation for this class was generated from the following file:

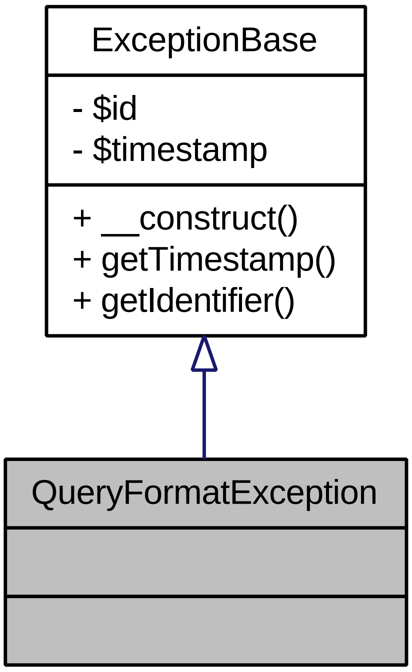
- www/backend/framework/database/query.php

3.72 QueryFormatException Class Reference

Inheritance diagram for QueryFormatException:



Collaboration diagram for QueryFormatException:

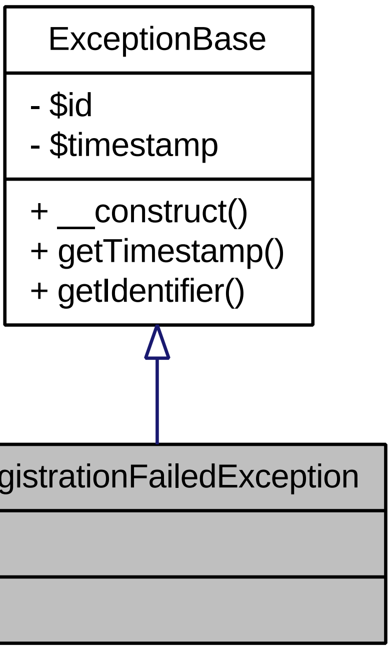


The documentation for this class was generated from the following file:

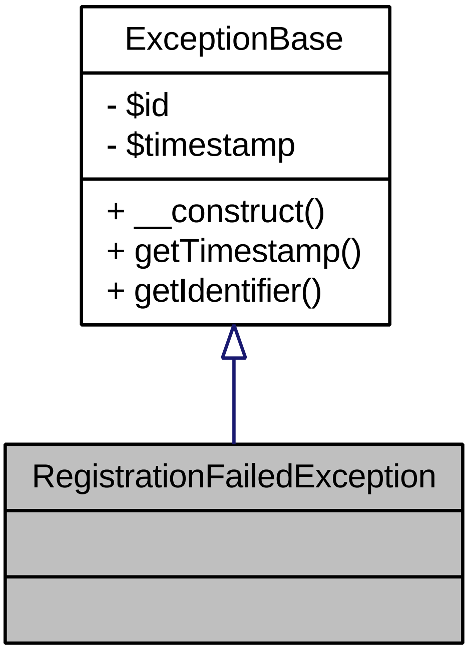
- www/backend/framework/database/database.php

3.73 RegistrationFailedException Class Reference

Inheritance diagram for RegistrationFailedException:



Collaboration diagram for RegistrationFailedException:



The documentation for this class was generated from the following file:

- www/backend/controllers/usercontroller.php

3.74 ResultSet Class Reference

Public Member Functions

- __construct ($statement)
- __destruct ()
- getIterator ()
- getAmount ()
- tryGetFirstRow ()
- getFirstRow ()
- asArrays ()

3.74.1 Detailed Description

An IteratorAggregate for the results of a query.

Can be used to iterate over the rows in the result set of a query.
Example:

```
* $results = $dbc->query('SELECT user_name FROM users WHERE birth_date = %a', unixtojd());
* foreach($results as $result)
* {
*       print 'Happy birthday, ' . $result->getValue('user_name') . '!\n'
* }
*
```

3.74.2 Constructor & Destructor Documentation

3.74.2.1 ResultSet::__construct ($ *statement*)

Constructs a ResultSet from a prepared PDO statement.

Parameters

PDOStamement $statement The PDO statement. Should already have been executed.

3.74.2.2 ResultSet::__destruct ()

Destructs a ResultSet.

Parameters

PDOStamement $statement The PDO statement. Should already have been executed.

3.74.3 Member Function Documentation

3.74.3.1 ResultSet::asArrays ()

Returns an array of the ResultSet's contents

3.74.3.2 ResultSet::getAmount ()

Returns the amount of rows in a ResultSet.

3.74.3.3 ResultSet::getFirstRow ()

Returns first row of a ResultSet or throws an exception.

3.74.3.4 ResultSet::getIterator ()

Returns an Iterator of a ResultSet.

3.74.3.5 ResultSet::tryGetFirstRow ()

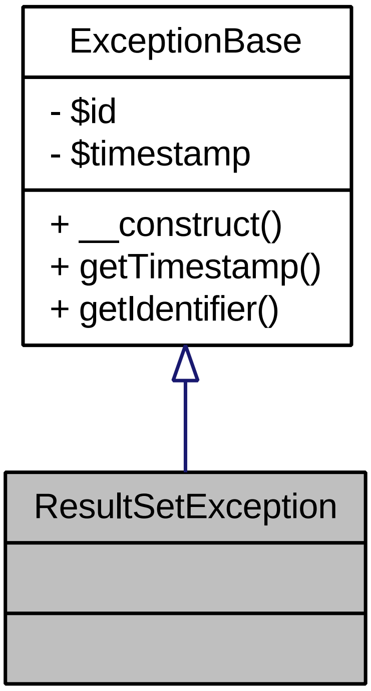
Returns first row of a ResultSet or returns null.

The documentation for this class was generated from the following file:

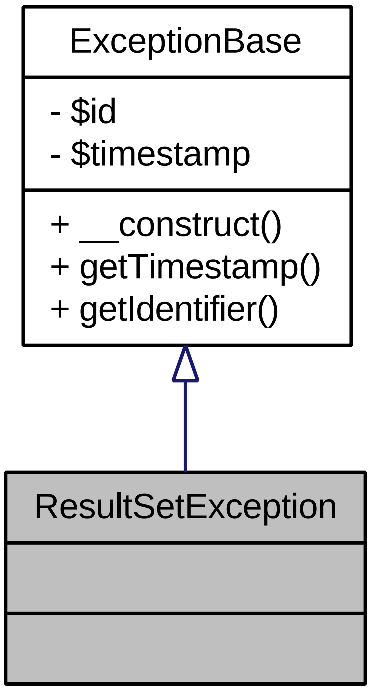
- www/backend/framework/database/resultset.php

3.75 ResultSetException Class Reference

Inheritance diagram for ResultSetException:



Collaboration diagram for ResultSetException:



The documentation for this class was generated from the following file:

- www/backend/framework/database/resultset.php

3.76 ResultSetIterator Class Reference

Public Member Functions

- **__construct** ($rset, $stat)
- next ()
- key ()
- current ()
- valid ()
- rewind ()

3.76.1 Detailed Description

An iterator of ResultSetRows used by ResultSet.

3.76.2 Member Function Documentation

3.76.2.1 ResultSetIterator::current ()

Returns the current value.

3.76.2.2 ResultSetIterator::key ()

Returns the current key.

3.76.2.3 ResultSetIterator::next ()

Returns the next value.

3.76.2.4 ResultSetIterator::rewind ()

Sets the current index to zero.

3.76.2.5 ResultSetIterator::valid ()

Checks whether there exists another value.

The documentation for this class was generated from the following file:

- www/backend/framework/database/resultset.php

3.77 ResultSetRow Class Reference

Public Member Functions

- __construct ($row)
- getValue ($name, $type=null)
- getValues ($types=null)

3.77.1 Detailed Description

Contains the items in a result set from a single row.

3.77.2 Constructor & Destructor Documentation

3.77.2.1 ResultSetRow::__construct ($ *row*)

Constructs a ResultSetRow.

3.77.3 Member Function Documentation

3.77.3.1 ResultSetRow::getValue ($ *name*, $ *type* = `null`)

Get the value from the column with the specified name as a string.

Parameters

string $name The name of the column, is case incensitive.

array $type Type of the value returned

Returns

A string representing the value stored at the specified column, or null if there is no column with this name.

3.77.3.2 ResultSetRow::getValues ($ *types* = `null`)

Returns an associative array with the column names and corresponding values.

Parameters

$types Types of the values returned by column name.

Returns

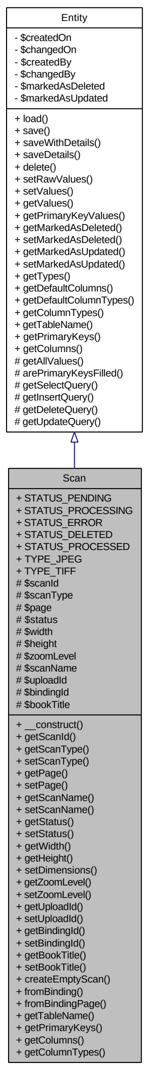
The array of row values.

The documentation for this class was generated from the following file:

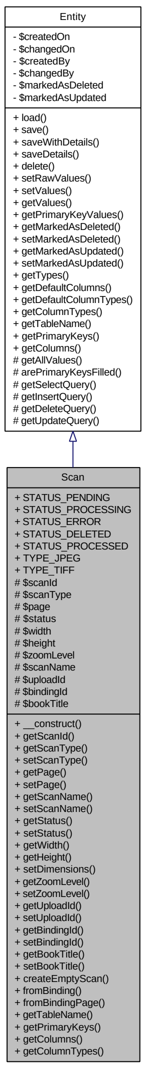
- www/backend/framework/database/resultset.php

3.78 Scan Class Reference

Inheritance diagram for Scan:



Collaboration diagram for Scan:



Public Member Functions

- __construct ($id=null)
- getScanId ()
- **getScanType** ()
- **setScanType** ($type)
- **getPage** ()
- **setPage** ($page)
- **getScanName** ()
- **setScanName** ($scanName)
- **getStatus** ()

- **setStatus** ($status)
- **getWidth** ()
- **getHeight** ()
- **setDimensions** ($width, $height)
- **getZoomLevel** ()
- **setZoomLevel** ($level)
- **getUploadId** ()
- **setUploadId** ($id)
- **getBindingId** ()
- **setBindingId** ($id)
- **getBookTitle** ()
- **setBookTitle** ($bookTitle)

Static Public Member Functions

- static createEmptyScan ($scanType)
- static fromBinding ($binding)
- static fromBindingPage ($binding, $range)
- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Public Attributes

- const STATUS_PENDING = 1
- const **STATUS_PROCESSING** = 2
- const **STATUS_ERROR** = 3
- const **STATUS_DELETED** = 6
- const **STATUS_PROCESSED** = 5
- const TYPE_JPEG = "jpeg"
- const **TYPE_TIFF** = "tiff"

Protected Attributes

- $scanId
- $scanType
- $page
- $status
- $width
- $height
- $zoomLevel
- $scanName
- $uploadId
- $bindingId
- $bookTitle

3.78.1 Detailed Description

Class representing a scan entity.

3.78.2 Constructor & Destructor Documentation

3.78.2.1 Scan::__construct ($ *id* = `null`)

Constructs a scan entity.

Parameters

$id Id of the scan. Default (null) will create a new scan.

3.78.3 Member Function Documentation

3.78.3.1 static Scan::createEmptyScan ($ *scanType*) `[static]`

Creates a new empty scan with its status set to enqueued and saves it.

Parameters

$scanType The image type of the input image, should be either "tiff" or "jpeg".

Returns

The entity of the newly created scan, which is saved and therefor has its primary key set.

3.78.3.2 static Scan::fromBinding ($ *binding*) `[static]`

Returns all the books belonging to one binding

Parameters

$binding The binding model

Returns

Array of scan models

3.78.3.3 static Scan::fromBindingPage ($ *binding*, $ *range*) `[static]`

Returns all the scans of a certain page range which belong to one binding

Parameters

$binding The binding model

$range The page range

Returns

Array of scan models

3.78.3.4 static Scan::getColumns () `[static]`

Gets all the columns that are not primary keys as an array.

Reimplemented from Entity.

3.78.3.5 static Scan::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.78.3.6 static Scan::getPrimaryKeys () `[static]`

Get an array with the primary keys.

Reimplemented from Entity.

3.78.3.7 Scan::getScanId ()

Getters and setters.

3.78.3.8 static Scan::getTableName () `[static]`

Get the name of the corresponding table.

Reimplemented from Entity.

3.78.4 Member Data Documentation

3.78.4.1 Scan::$bindingId `[protected]`

The Id of the binding to which this scan belongs.

3.78.4.2 Scan::$bookTitle `[protected]`

Joined attributes.

3.78.4.3 Scan::$height `[protected]`

The height of this scan.

3.78.4.4 Scan::$page `[protected]`

The page number of this scan.

3.78.4.5 Scan::$scanId `[protected]`

The Id of this scan.

3.78.4.6 Scan::$scanName `[protected]`

The filename of this scan.

3.78.4.7 Scan::$scanType `[protected]`

The type of this scan.

3.78.4.8 Scan::$status `[protected]`

The status of this scan.

3.78.4.9 Scan::$uploadId `[protected]`

The Id of the upload corresponding to this scan.

3.78.4.10 Scan::$width `[protected]`

The width of this scan.

3.78.4.11 Scan::$zoomLevel `[protected]`

The maximum zoom level of this scan.

3.78.4.12 const Scan::STATUS_PENDING = 1

Scan status constants.

3.78.4.13 const Scan::TYPE_JPEG = "jpeg"

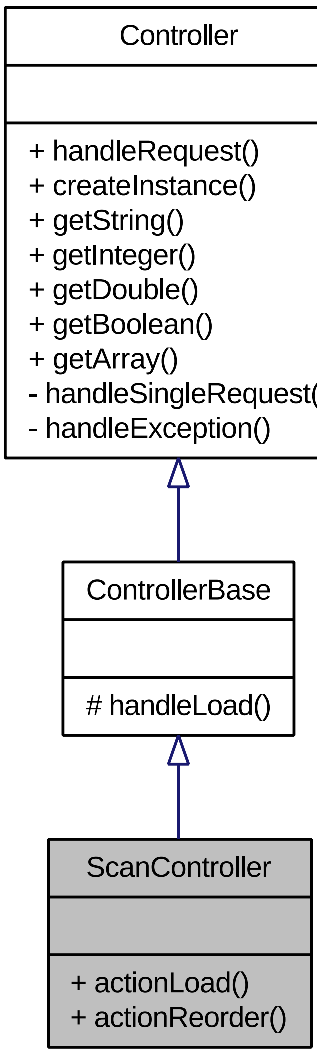
Scan type constants.

The documentation for this class was generated from the following file:

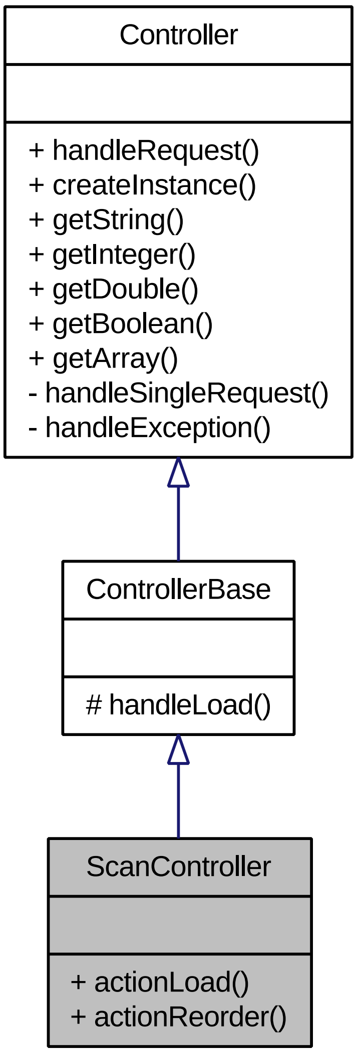
- www/backend/models/scan/scan.php

3.79 ScanController Class Reference

Inheritance diagram for ScanController:



Collaboration diagram for ScanController:



Public Member Functions

- actionLoad ($data)
- actionReorder ($data)

3.79.1 Detailed Description

Scan controller class.

3.79.2 Member Function Documentation

3.79.2.1 ScanController::actionLoad ($ *data*)

Loads scans.

3.79.2.2 ScanController::actionReorder ($ *data*)

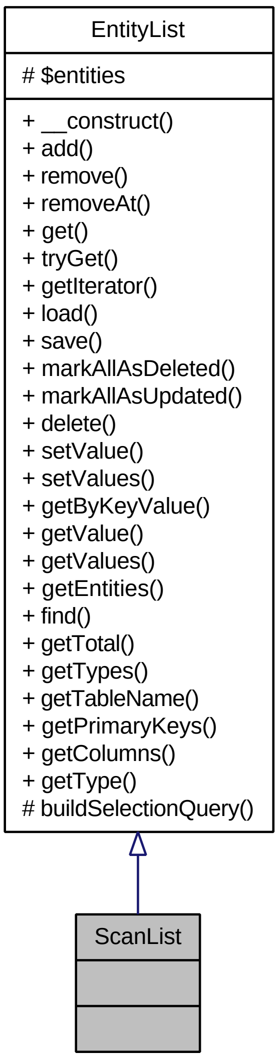
Reorders the scans of a binding

The documentation for this class was generated from the following file:

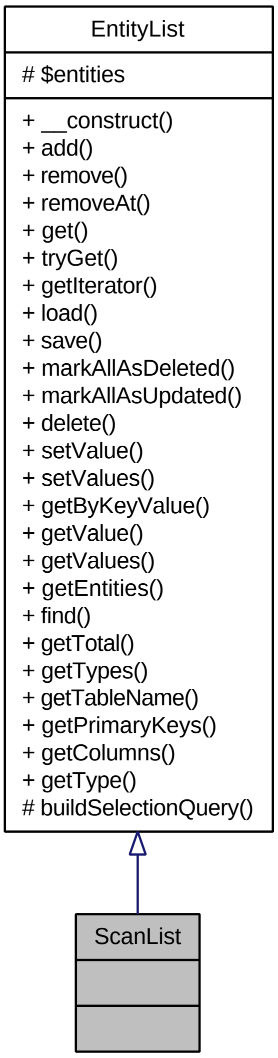
- www/backend/controllers/scancontroller.php

3.80 ScanList Class Reference

Inheritance diagram for ScanList:



Collaboration diagram for ScanList:



3.80.1 Detailed Description

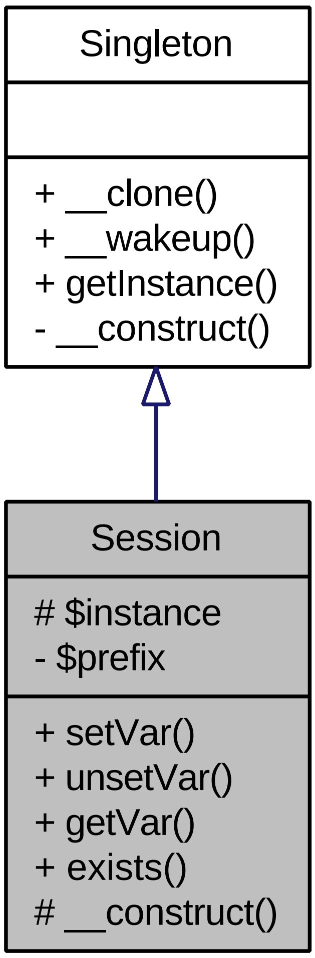
Class representing a scan entity list.

The documentation for this class was generated from the following file:

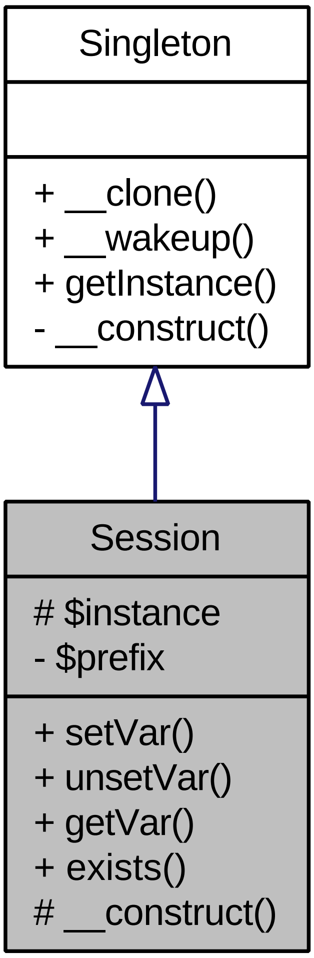
- www/backend/models/scan/scanlist.php

3.81 Session Class Reference

Inheritance diagram for Session:



Collaboration diagram for Session:



Public Member Functions

- setVar ($name, $value)
- unsetVar ($name)
- getVar ($name)
- exists ($name)

Protected Member Functions

- __construct ()

Static Protected Attributes

- static $instance

3.81.1 Detailed Description

Represents the current user session.

3.81.2 Constructor & Destructor Documentation

3.81.2.1 Session::__construct () `[protected]`

Constructs a session class instance.

Reimplemented from Singleton.

3.81.3 Member Function Documentation

3.81.3.1 Session::exists ($ *name*)

Checks whether a variable exists in the session.

Parameters

$name Name of the variable.

Returns

Whether the variable exists.

3.81.3.2 Session::getVar ($ *name*)

Sets a session variable.

Parameters

$name Name of the variable.

Returns

The value of the variable or the empty string if it does not exist.

3.81.3.3 Session::setVar ($ *name*, $ *value*)

Sets a session variable.

Parameters

$name Name of the variable.

$value Value of the variable.

3.81.3.4 Session::unsetVar ($ *name*)

Unsets a session variable.

Parameters

$name Name of the variable.

3.81.4 Member Data Documentation

3.81.4.1 Session::$instance `[static, protected]`

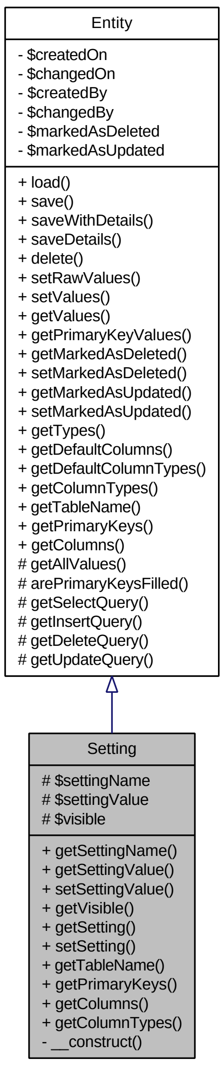
Unique instance.

The documentation for this class was generated from the following file:

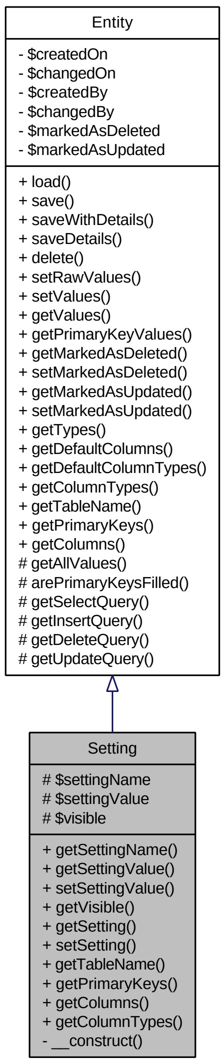
- www/backend/framework/util/session.php

3.82 Setting Class Reference

Inheritance diagram for Setting:



Collaboration diagram for Setting:



Public Member Functions

- getSettingName ()
- **getSettingValue** ()
- **setSettingValue** ($value)
- **getVisible** ()

Static Public Member Functions

- static getSetting ($name, $default=null, $onlyVisible=false)
- static setSetting ($name, $value)

- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Protected Attributes

- $settingName
- $settingValue
- $visible

3.82.1 Detailed Description

Setting entity. This represents settings that can be set in the database.

3.82.2 Member Function Documentation

3.82.2.1 static Setting::getColumns () `[static]`

Gets all the columns that are not primary keys as an array.

Reimplemented from Entity.

3.82.2.2 static Setting::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.82.2.3 static Setting::getPrimaryKeys () `[static]`

Get an array with the primary keys.

Reimplemented from Entity.

3.82.2.4 static Setting::getSetting ($ *name*, $ *default* = `null`, $ *onlyVisible* = `false`) `[static]`

Returns the value associated with the provided setting name. If such a setting does not exist, the default argument is returned (if one is defined; otherwise an exception is thrown).

Parameters

string $name The name of the setting.

string $default The result if the setting does not exist.

bool $onlyVisible Only publicly visible settings are returned.

Returns

string The value of the setting.

Exceptions

SettingException If default is null and the setting is not present.

3.82.2.5 Setting::getSettingName ()

Getters and setters.

3.82.2.6 static Setting::getTableName () `[static]`

Get the name of the corresponding table.

Reimplemented from Entity.

3.82.2.7 static Setting::setSetting ($ *name*, $ *value*) `[static]`

Sets the value of the specified setting, creating it if it does not yet exist.

Parameters

string $name The name of the setting.

string $value The new value of the setting.

3.82.3 Member Data Documentation

3.82.3.1 Setting::$settingName `[protected]`

Name of the setting.

3.82.3.2 Setting::$settingValue `[protected]`

Value of the setting.

3.82.3.3 Setting::$visible `[protected]`

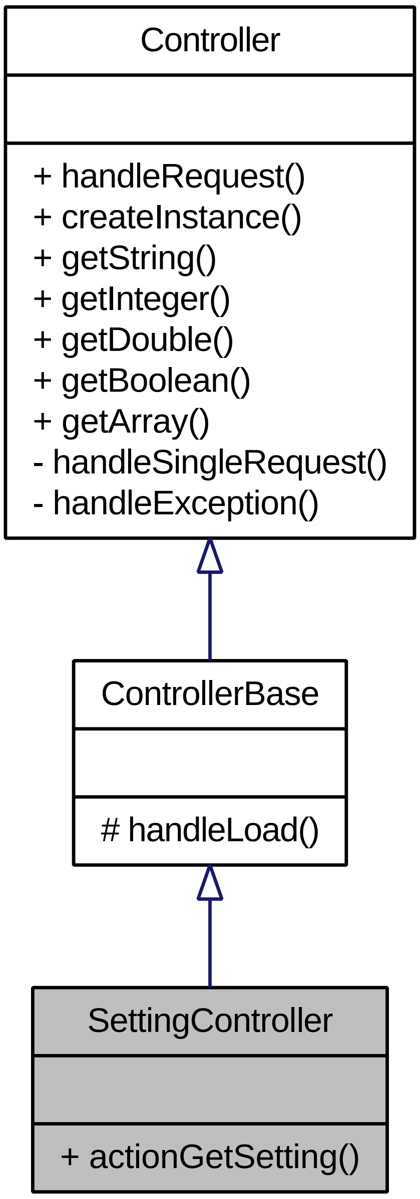
Whether the setting is visible to the client.

The documentation for this class was generated from the following file:

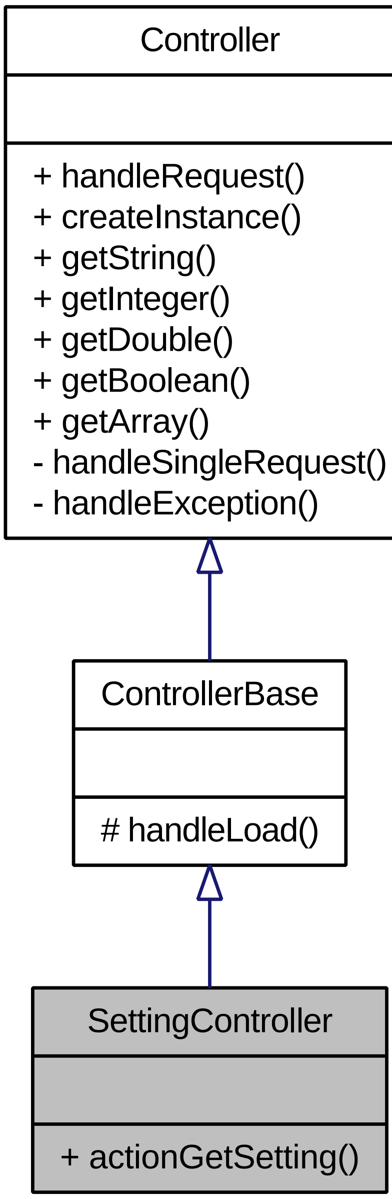
- www/backend/models/setting/setting.php

3.83 SettingController Class Reference

Inheritance diagram for SettingController:



Collaboration diagram for SettingController:



Public Member Functions

- actionGetSetting ($data)

3.83.1 Detailed Description

Settings controller. Can be used to view the values of publicly visible settings.

3.83.2 Member Function Documentation

3.83.2.1 SettingController::actionGetSetting ($ *data*)

Gets the value of a setting with the specified name. Only visible settings can be viewed by this.

Parameters

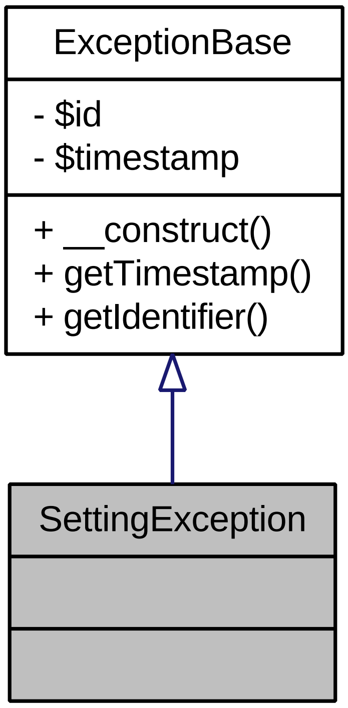
$data Should contain a string 'setting', containing the name of the setting.

The documentation for this class was generated from the following file:

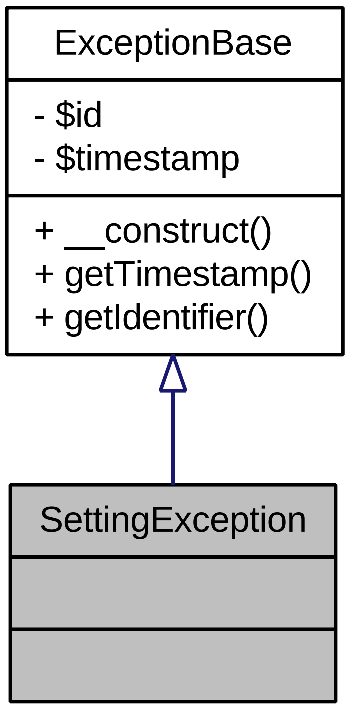
- www/backend/controllers/settingcontroller.php

3.84 SettingException Class Reference

Inheritance diagram for SettingException:



Collaboration diagram for SettingException:

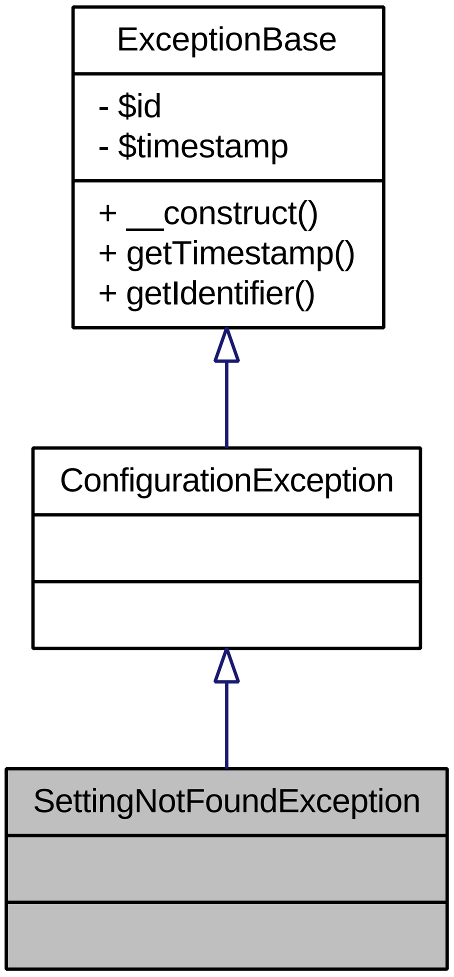


The documentation for this class was generated from the following file:

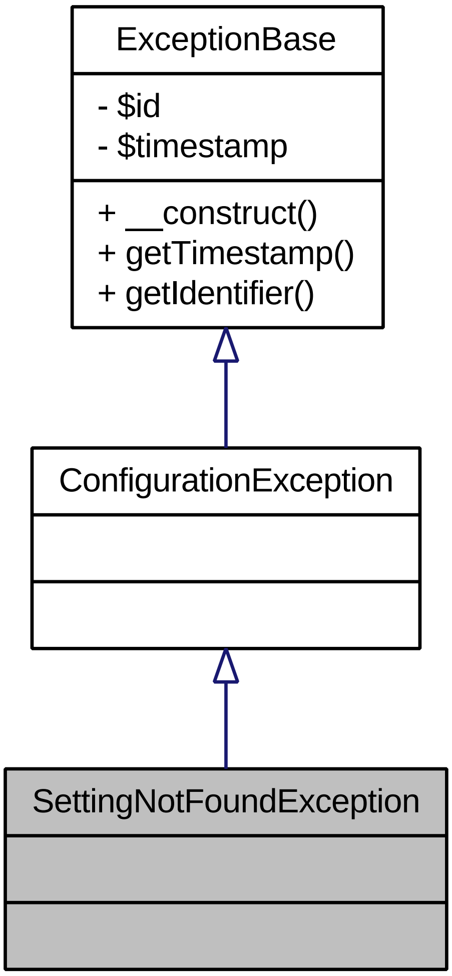
- www/backend/models/setting/setting.php

3.85 SettingNotFoundException Class Reference

Inheritance diagram for SettingNotFoundException:



Collaboration diagram for SettingNotFoundException:

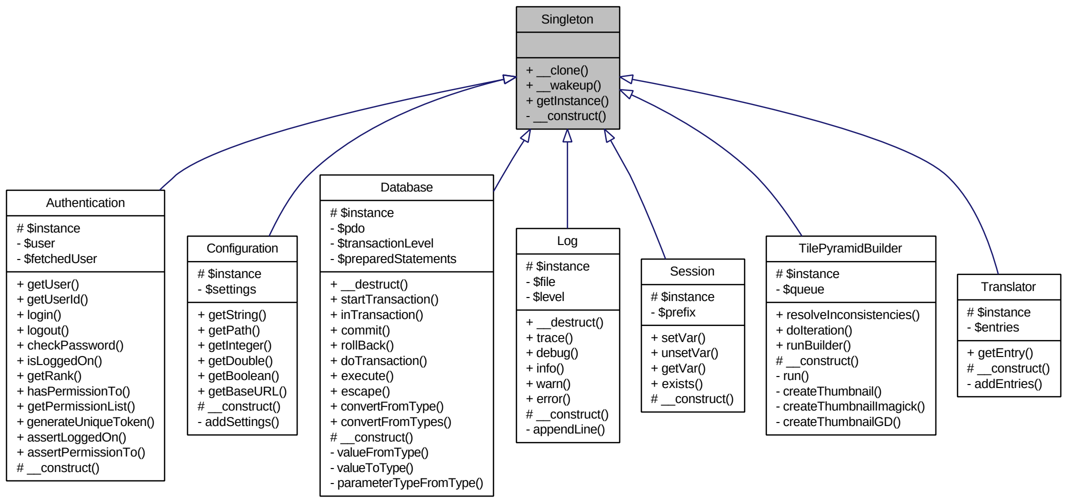


The documentation for this class was generated from the following file:

- www/backend/framework/util/configuration.php

3.86 Singleton Class Reference

Inheritance diagram for Singleton:



Public Member Functions

- **__clone** ()
- **__wakeup** ()

Static Public Member Functions

- static getInstance ()

3.86.1 Detailed Description

Base class for all singleton classes.

3.86.2 Member Function Documentation

3.86.2.1 static Singleton::getInstance () `[static]`

Gets the unique singleton instance.

Returns

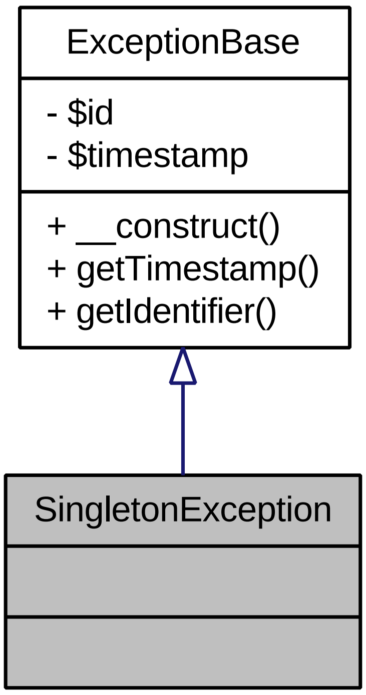
The unique instance of the subclass.

The documentation for this class was generated from the following file:

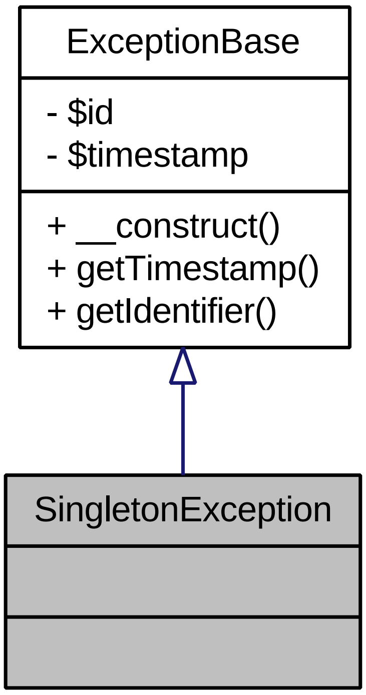
- www/backend/framework/util/singleton.php

3.87 SingletonException Class Reference

Inheritance diagram for SingletonException:



Collaboration diagram for SingletonException:



The documentation for this class was generated from the following file:

- www/backend/framework/util/singleton.php

3.88 StylesheetMinifier Class Reference

Public Member Functions

- __construct ($input, $filename)
- min ()

Static Public Member Functions

- static minify ($css, $location)

3.88.1 Detailed Description

Stylesheet minifier class.

3.88.2 Constructor & Destructor Documentation

3.88.2.1 StylesheetMinifier::__construct ($ *input*, $ *filename*)

Constructor

Parameters

string	$input CSS to be minified.
string	$filename Location of the minified file.

3.88.3 Member Function Documentation

3.88.3.1 StylesheetMinifier::min ()

Minifies CSS.

Returns

Minified CSS.

3.88.3.2 static StylesheetMinifier::minify ($ *css*, $ *location*) `[static]`

Minifies CSS.

Parameters

string	$css CSS to be minified.

Returns

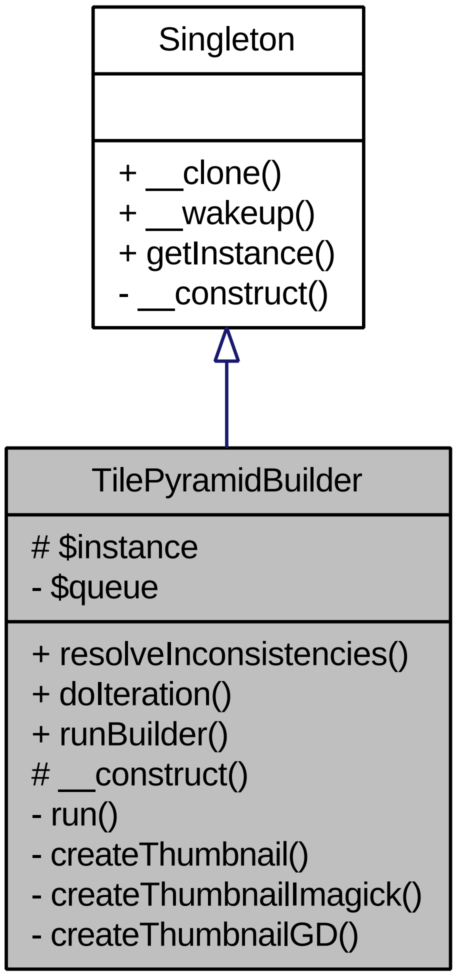
string Minified CSS.

The documentation for this class was generated from the following file:

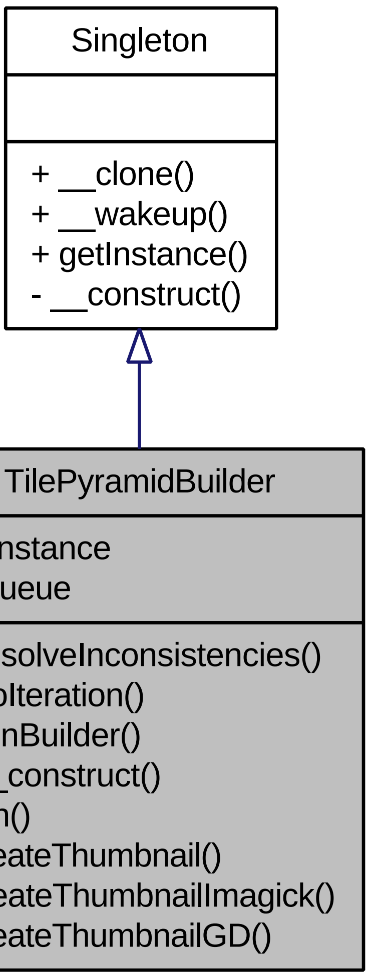
- www/backend/util/cssmin.php

3.89 TilePyramidBuilder Class Reference

Inheritance diagram for TilePyramidBuilder:



Collaboration diagram for TilePyramidBuilder:



Public Member Functions

- resolveInconsistencies ()
- doIteration ()
- runBuilder ($iterationPause=5)

Static Protected Attributes

- static $instance

3.89.1 Detailed Description

A class that can be used to register newly uploaded scans which will be put in a queue to be processed.

3.89.2 Member Function Documentation

3.89.2.1 TilePyramidBuilder::doIteration ()

First checks whether the queue is empty and, if so, fills it with new scans.

Then all scans in the queue are processed one by one.

Exceptions

Exception If processing a single scan fails or another error occurs while doing so. The method will try to set that scan's status to error. There might be other scans left in the queue, so calling doIteration again will make it continue with the rest.

3.89.2.2 TilePyramidBuilder::resolveInconsistencies ()

When the builder crashes while processing a scan but does not succeed to set its error flag, this method can be used to change the processing status of every scan to the error status.

NOTE: Only call this when there are no other threads running the tile pyramid builder simultaniously.

3.89.2.3 TilePyramidBuilder::runBuilder ($ *iterationPause* = `5`)

Continuously keep running the pyramid builder.

NOTE: This method resolves inconsistencies every 20 rounds, so make sure only a single thread is executing this method at a time.

Parameters

int $iterationPause The timeout in seconds after each iteration.

3.89.3 Member Data Documentation

3.89.3.1 TilePyramidBuilder::$instance `[static, protected]`

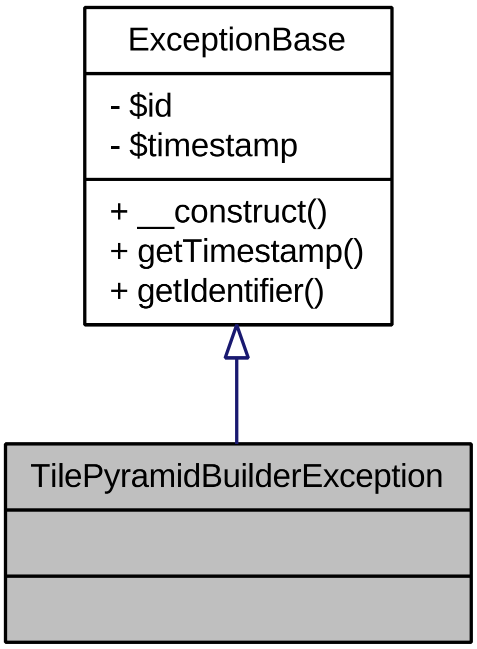
Singleton instance.

The documentation for this class was generated from the following file:

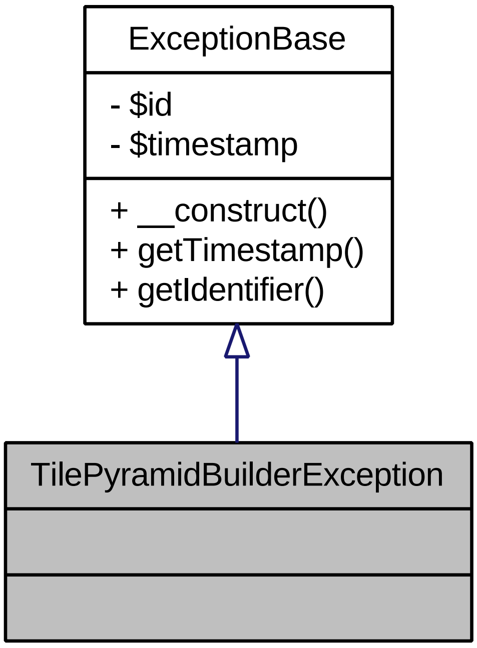
- www/backend/util/tilepyramidbuilder.php

3.90 TilePyramidBuilderException Class Reference

Inheritance diagram for TilePyramidBuilderException:



Collaboration diagram for TilePyramidBuilderException:



3.90.1 Detailed Description

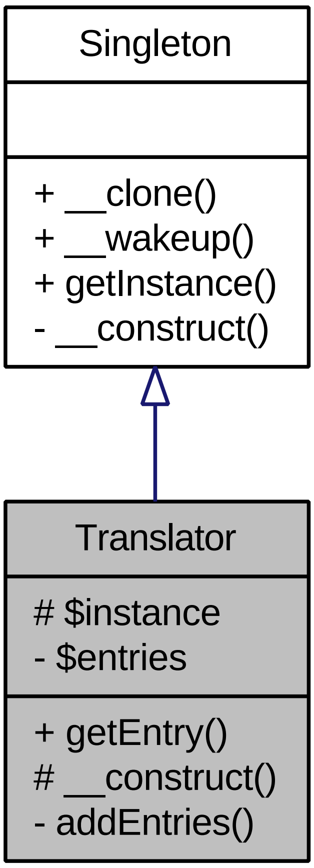
An exception thrown when the tile pyramid builder fails for some reason.

The documentation for this class was generated from the following file:

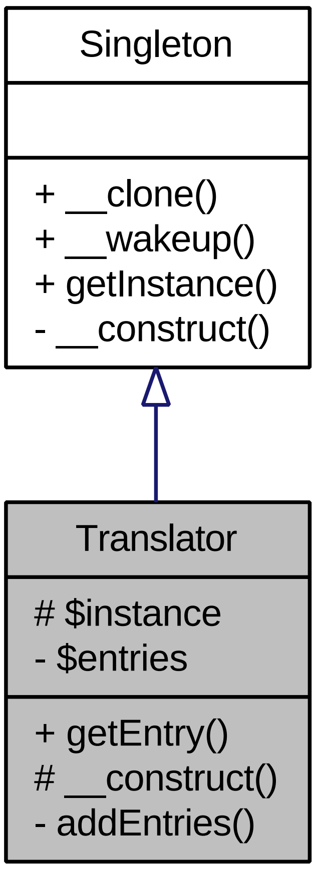
- www/backend/util/tilepyramidbuilder.php

3.91 Translator Class Reference

Inheritance diagram for Translator:



Collaboration diagram for Translator:



Public Member Functions

- getEntry ($id, $args=array())

Protected Member Functions

- __construct ()

Static Protected Attributes

- static $instance

3.91.1 Detailed Description

Translator class.

3.91.2 Constructor & Destructor Documentation

3.91.2.1 Translator::__construct () `[protected]`

Constructs a configuration class instance.

Reimplemented from Singleton.

3.91.3 Member Function Documentation

3.91.3.1 Translator::getEntry ($ *id*, $ *args* = `array()`)

Gets a language entry.

Parameters

$id The id of the entry.

$args The arguments to apply to the entry. Format is that of printf.

Returns

The language entry.

3.91.4 Member Data Documentation

3.91.4.1 Translator::$instance `[static, protected]`

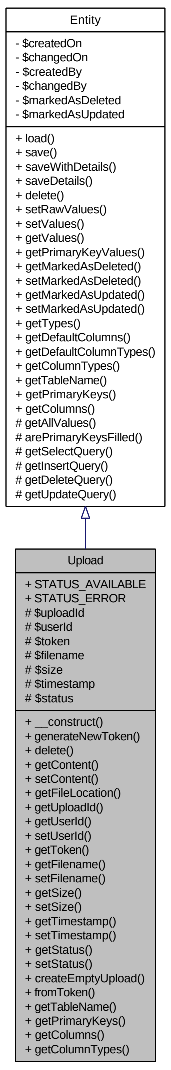
Unique instance.

The documentation for this class was generated from the following file:

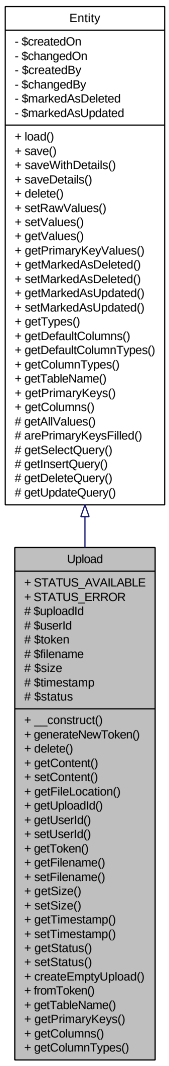
- www/backend/framework/util/translator.php

3.92 Upload Class Reference

Inheritance diagram for Upload:



Collaboration diagram for Upload:



Public Member Functions

- __construct ($id=null)
- generateNewToken ()
- delete ()
- getContent ()
- setContent ($filename, $move=false)
- getFileLocation ()
- getUploadId ()
- **getUserId** ()
- **setUserId** ($id)

- **getToken** ()
- **getFilename** ()
- **setFilename** ($filename)
- **getSize** ()
- **setSize** ($size)
- **getTimestamp** ()
- **setTimestamp** ($timestamp)
- **getStatus** ()
- **setStatus** ($status)

Static Public Member Functions

- static createEmptyUpload ($userId, $filename, $size)
- static fromToken ($token)
- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Public Attributes

- const STATUS_AVAILABLE = 0
- const **STATUS_ERROR** = 1

Protected Attributes

- $uploadId
- **$userId**
- **$token**
- **$filename**
- **$size**
- **$timestamp**
- **$status**

3.92.1 Detailed Description

Class representing an upload entity.

3.92.2 Constructor & Destructor Documentation

3.92.2.1 Upload::__construct ($ *id* = `null`)

Constructs an upload entity.

Parameters

$id Id of the upload. Default (null) will create a new upload.

3.92.3 Member Function Documentation

3.92.3.1 static Upload::createEmptyUpload ($ *userId*, $ *filename*, $ *size*) `[static]`

Creates a new empty upload with default settings.

Parameters

$userId
$filename
$size

Returns

The entity of the newly created upload, with its primary key set.

3.92.3.2 Upload::delete ()

Deletes the entity from the database.

Reimplemented from Entity.

3.92.3.3 static Upload::fromToken ($ *token*) `[static]`

Gets an upload by a token.

Parameters

$token	Token to lookup upload by.

Returns

Upload of that token or null.

Exceptions

EntityException	If upload could not be found.

3.92.3.4 Upload::generateNewToken ()

Sets a newly generated token.

3.92.3.5 static Upload::getColumns () `[static]`

Gets all the columns that are not primary keys as an array.

Reimplemented from Entity.

3.92.3.6 static Upload::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.92.3.7 Upload::getContent ()

Get the contents of the upload.

Returns

Upload file contents.

3.92.3.8 Upload::getFileLocation ()

Get the file location of this upload.

3.92.3.9 static Upload::getPrimaryKeys () `[static]`

Get an array with the primary keys.

Reimplemented from Entity.

3.92.3.10 static Upload::getTableName () `[static]`

Get the name of the corresponding table.

Reimplemented from Entity.

3.92.3.11 Upload::getUploadId ()

Getters and setters.

3.92.3.12 Upload::setContent ($*filename*, $ *move* = `false`)

Set the contents of the upload.

Parameters

$filename Filename with new content.

$move Whether to move file. Otherwise a copy is assumed.

3.92.4 Member Data Documentation

3.92.4.1 Upload::$uploadId `[protected]`

Fields.

3.92.4.2 const Upload::STATUS_AVAILABLE = 0

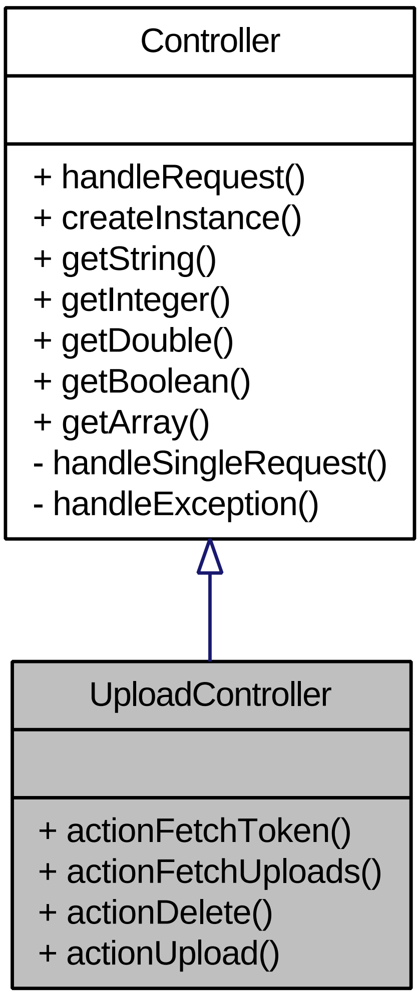
Upload status constants.

The documentation for this class was generated from the following file:

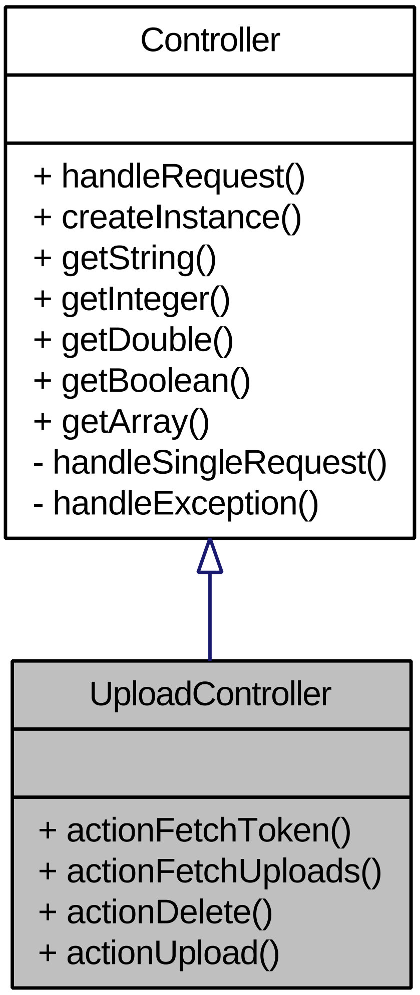
- www/backend/models/upload/upload.php

3.93 UploadController Class Reference

Inheritance diagram for UploadController:



Collaboration diagram for UploadController:



Public Member Functions

- actionFetchToken ($data)
- actionFetchUploads ($data)
- actionDelete ($data)
- actionUpload ($data)

3.93.1 Detailed Description

Upload controller class.

3.93.2 Member Function Documentation

3.93.2.1 UploadController::actionDelete ($ *data*)

Removed an upload

3.93.2.2 UploadController::actionFetchToken ($ *data*)

Fetches an upload token.

3.93.2.3 UploadController::actionFetchUploads ($ *data*)

Fetches an upload token.

3.93.2.4 UploadController::actionUpload ($ *data*)

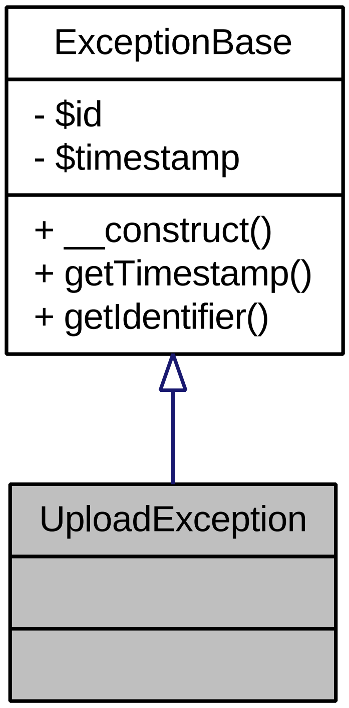
Upload a file.

The documentation for this class was generated from the following file:

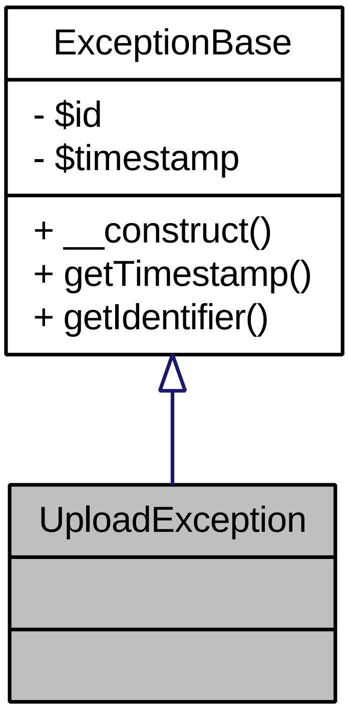
- www/backend/controllers/uploadcontroller.php

3.94 UploadException Class Reference

Inheritance diagram for UploadException:



Collaboration diagram for UploadException:

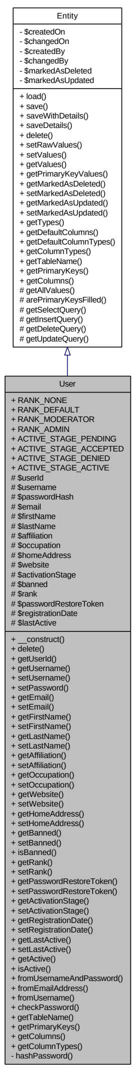


The documentation for this class was generated from the following file:

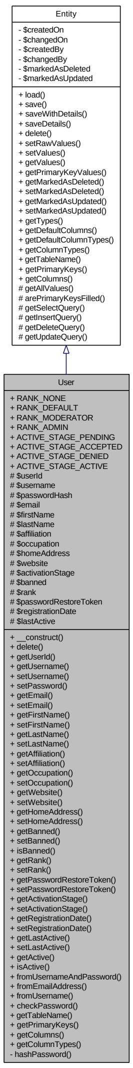
- www/backend/models/upload/upload.php

3.95 User Class Reference

Inheritance diagram for User:



Collaboration diagram for User:



Public Member Functions

- __construct ($id=null)
- delete ()
- getUserId ()
- **getUsername** ()
- **setUsername** ($username)
- **setPassword** ($password)
- **getEmail** ()
- **setEmail** ($email)
- **getFirstName** ()

- **setFirstName** ($firstName)
- **getLastName** ()
- **setLastName** ($lastName)
- **getAffiliation** ()
- **setAffiliation** ($affiliation)
- **getOccupation** ()
- **setOccupation** ($occupation)
- **getWebsite** ()
- **setWebsite** ($website)
- **getHomeAddress** ()
- **setHomeAddress** ($address)
- **getBanned** ()
- **setBanned** ($banned)
- **isBanned** ()
- **getRank** ()
- **setRank** ($rank)
- **getPasswordRestoreToken** ()
- **setPasswordRestoreToken** ($token)
- **getActivationStage** ()
- **setActivationStage** ($stage)
- **getRegistrationDate** ()
- **setRegistrationDate** ($registrationDate)
- **getLastActive** ()
- **setLastActive** ($lastActive)
- **getActive** ()
- **isActive** ()

Static Public Member Functions

- static fromUsernameAndPassword ($username, $password)
- static fromEmailAddress ($email)
- static fromUsername ($username)
- static checkPassword ($userId, $password)
- static getTableName ()
- static getPrimaryKeys ()
- static getColumns ()
- static getColumnTypes ()

Public Attributes

- const RANK_NONE = 0
- const **RANK_DEFAULT** = 10
- const **RANK_MODERATOR** = 40
- const **RANK_ADMIN** = 50
- const ACTIVE_STAGE_PENDING = 0
- const **ACTIVE_STAGE_ACCEPTED** = 1
- const **ACTIVE_STAGE_DENIED** = 2
- const **ACTIVE_STAGE_ACTIVE** = 3

Protected Attributes

- $userId
- $username
- $passwordHash
- $email
- $firstName
- $lastName
- $affiliation
- $occupation
- $homeAddress
- $website
- $activationStage
- $banned
- $rank
- $passwordRestoreToken
- $registrationDate
- $lastActive

3.95.1 Detailed Description

Class representing a user entity.

3.95.2 Constructor & Destructor Documentation

3.95.2.1 User::__construct ($ *id* = `null`)

Constructs a user by id.

Parameters

$id Id of the user. Default (null) will create a new user.

3.95.3 Member Function Documentation

3.95.3.1 static User::checkPassword ($ *userId*, $ *password*) `[static]`

Checks the password of the userId.

Parameters

$userId UserId of the user.

$password Password of the user.

Returns

Correctness of password.

3.95.3.2 User::delete ()

Deletes this user. Rreferences to this user will be referred to by a dummy user.

The user id of the entity should be set before calling this.

Reimplemented from Entity.

3.95.3.3 static User::fromEmailAddress ($ *email*) `[static]`

Creates a user entity based on an e-mail address.

Parameters

string $email An e-mail address.

Returns

User The user entity with this e-mail address, or null if there is no user with this e-mail.

3.95.3.4 static User::fromUsername ($ *username*) `[static]`

Loads the user with the specified username.

Parameters

string $username The name of the user to load.

Returns

User A fully loaded user entity of the user with this name.

Exceptions

EntityException If the user does not exist.

3.95.3.5 static User::fromUsernameAndPassword ($ *username*, $ *password*) `[static]`

Constructs a user by username and password. Also check whether the user is allowed to log in. If that is not the case, an exception is thrown.

Parameters

$username Username of the user.

$password Password of the user.

Returns

The matching user.

Exceptions

UserBannedException If the user is banned.

UserPendingException If the user is not yet activated.

UserNotFoundException If no user with the provided username/password combination exists.

3.95.3.6 static User::getColumns () `[static]`

Gets all the columns.

Returns

Array of all columns, except primary keys.

Reimplemented from Entity.

3.95.3.7 static User::getColumnTypes () `[static]`

Gets all the column types, per column, including primary keys.

Returns

Array of all column types.

Reimplemented from Entity.

3.95.3.8 static User::getPrimaryKeys () `[static]`

Gets the primary keys.

Returns

Array of all primary keys.

Reimplemented from Entity.

3.95.3.9 static User::getTableName () `[static]`

Gets the table name.

Returns

The table name.

Reimplemented from Entity.

3.95.3.10 User::getUserId ()

Getters and setters.

3.95.4 Member Data Documentation

3.95.4.1 User::$activationStage `[protected]`

The activation stage of the user.

3.95.4.2 User::$affiliation `[protected]`

Affiliation.

3.95.4.3 User::$banned `[protected]`

Whether this user is banned.

3.95.4.4 User::$email `[protected]`

Email address.

3.95.4.5 User::$firstName `[protected]`

First name.

3.95.4.6 User::$homeAddress `[protected]`

Home address.

3.95.4.7 User::$lastActive `[protected]`

Timestamp this user has last logged in.

3.95.4.8 User::$lastName `[protected]`

Last name.

3.95.4.9 User::$occupation `[protected]`

Occupation.

3.95.4.10 User::$passwordHash `[protected]`

Password hash.

3.95.4.11 User::$passwordRestoreToken `[protected]`

Password restoration token.

3.95.4.12 User::$rank `[protected]`

Rank number.

3.95.4.13 User::$registrationDate `[protected]`

Registration date of this user.

3.95.4.14 User::$userId `[protected]`

User id.

3.95.4.15 User::$username `[protected]`

Username.

3.95.4.16 User::$website `[protected]`

Website.

3.95.4.17 const User::ACTIVE_STAGE_PENDING = 0

Activation stage constants.

3.95.4.18 const User::RANK_NONE = 0

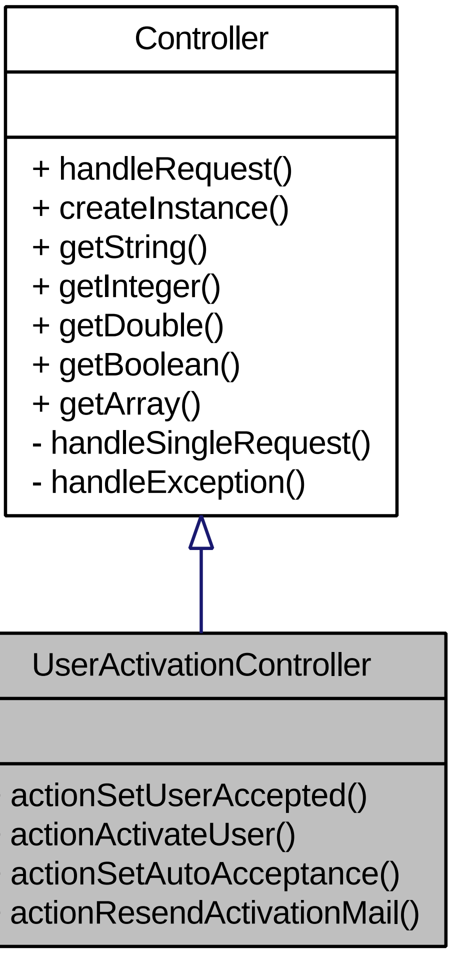
Rank constants: gaps in numbers are intentional to add more ranks if needed.

The documentation for this class was generated from the following file:

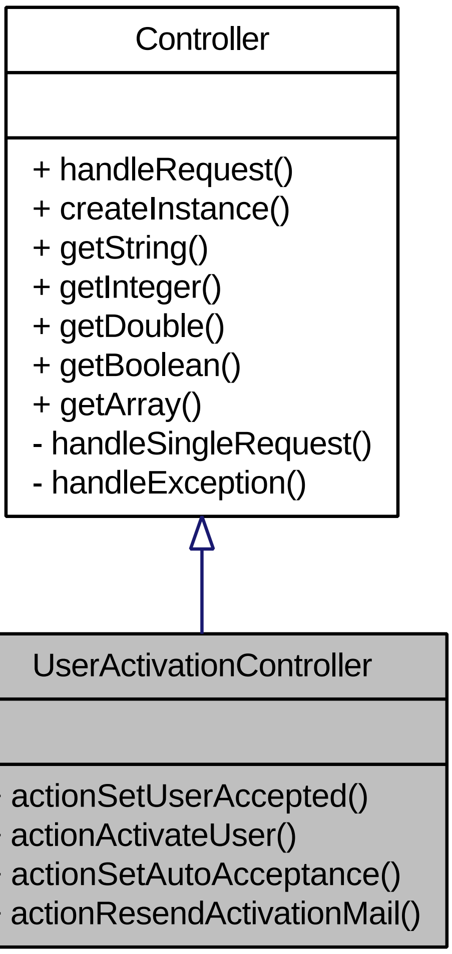
- www/backend/models/user/user.php

3.96 UserActivationController Class Reference

Inheritance diagram for UserActivationController:



Collaboration diagram for UserActivationController:



Public Member Functions

- actionSetUserAccepted ($data)
- actionActivateUser ($data)
- actionSetAutoAcceptance ($data)
- actionResendActivationMail ($data)

3.96.1 Detailed Description

User activation controller class.

3.96.2 Member Function Documentation

3.96.2.1 UserActivationController::actionActivateUser ($ *data*)

Activates a user based on a activation token. If the code matches with an existing pending user, this sets the active bit of the user to true and deletes the pending user entry.

Parameters

$data Should contain a 'token', which is the confirmation code of the activation.

3.96.2.2 UserActivationController::actionResendActivationMail ($ *data*)

Sends another activation mail in case a user did not receive or lost the initial one.

Parameters

$data Should contain the 'username' of the user to whom to send a new e-mail.

3.96.2.3 UserActivationController::actionSetAutoAcceptance ($ *data*)

Turns automatic user acceptance on or off. When off, administrators will manually have to accept or decline registrations. If on, registrations are accepted automatically.

In both cases users will still require to click an activation link though.

Parameters

$data Should contain a boolean 'autoAccept', which is true if the setting should be turned on and false if it should be turned off. Additionally, if autoAccept is true, there should be a boolean 'acceptAllPending' that indicates whether all users currently waiting for activation should also be activated.

3.96.2.4 UserActivationController::actionSetUserAccepted ($ *data*)

Accept or decline a pending user. If either is succesfull, the user will be send an e-mail. If the user was accepted the e-mail will also contain a confirmation code.

Parameters

$data Should have 'username' and 'accepted' entries; the latter indicated whether to accept or decline.

Exceptions

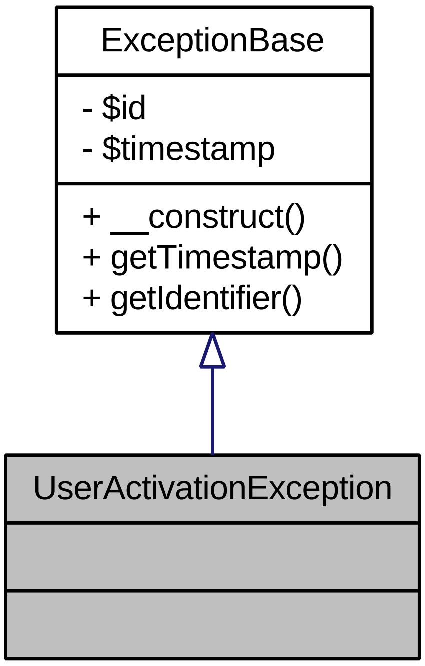
UserActivationException

The documentation for this class was generated from the following file:

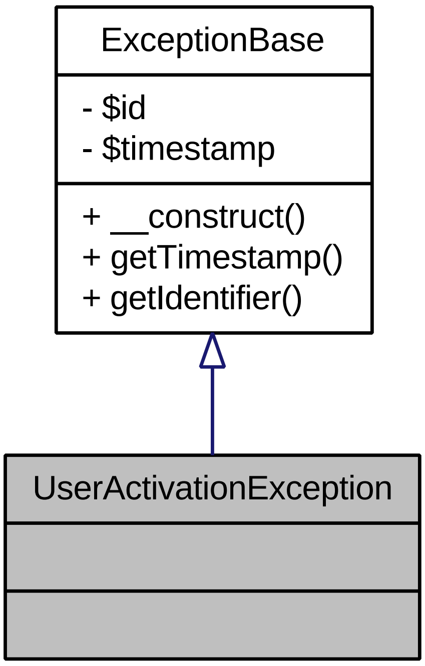
- www/backend/controllers/useractivationcontroller.php

3.97 UserActivationException Class Reference

Inheritance diagram for UserActivationException:



Collaboration diagram for UserActivationException:

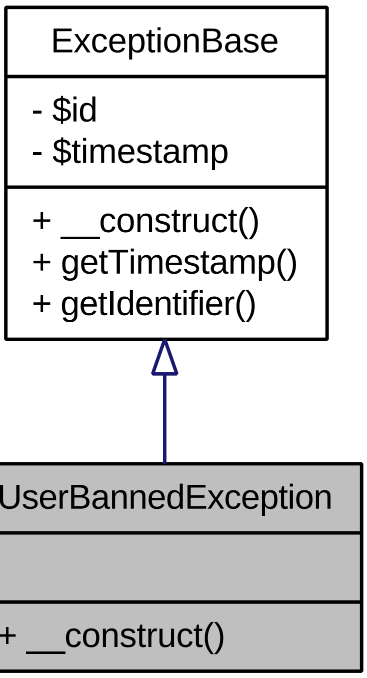


The documentation for this class was generated from the following file:

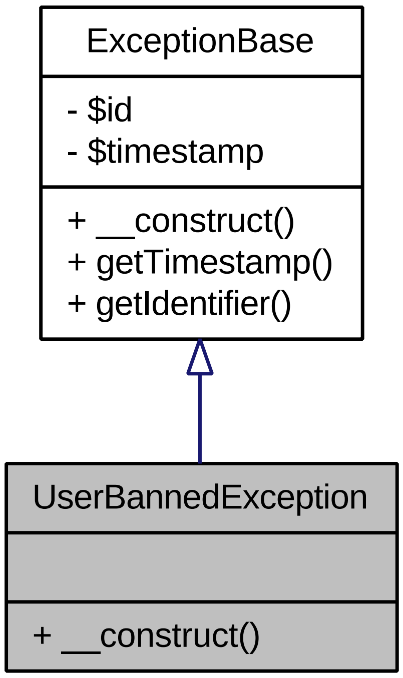
- www/backend/controllers/useractivationcontroller.php

3.98 UserBannedException Class Reference

Inheritance diagram for UserBannedException:



Collaboration diagram for UserBannedException:



Public Member Functions

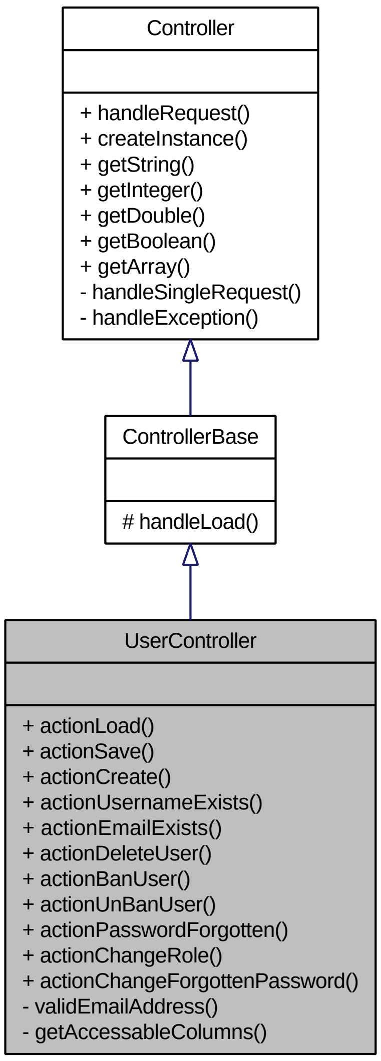
- **__construct** ($username)

The documentation for this class was generated from the following file:

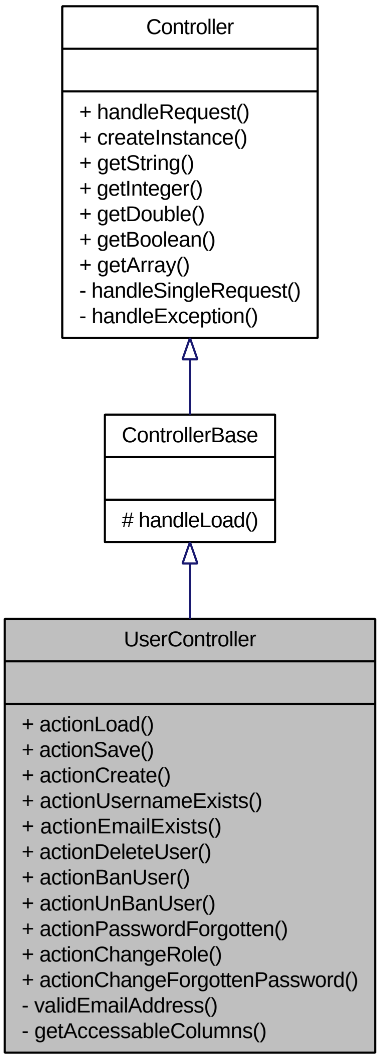
- www/backend/models/user/user.php

3.99 UserController Class Reference

Inheritance diagram for UserController:



Collaboration diagram for UserController:



Public Member Functions

- actionLoad ($data)
- actionSave ($data)
- actionCreate ($data)
- actionUsernameExists ($data)
- actionEmailExists ($data)
- actionDeleteUser ($data)
- actionBanUser ($data)
- actionUnBanUser ($data)
- actionPasswordForgotten ($data)

- actionChangeRole ($data)
- actionChangeForgottenPassword ($data)

3.99.1 Detailed Description

User controller class.

3.99.2 Member Function Documentation

3.99.2.1 UserController::actionBanUser ($ *data*)

Bans a user.

3.99.2.2 UserController::actionChangeForgottenPassword ($ *data*)

Changes a user's forgotten password based on a token.

3.99.2.3 UserController::actionChangeRole ($ *data*)

Change the role (rank) of a user.

Parameters

$data Should contain 'username' and 'role', the latter being a number indicating the new rank of this user.

3.99.2.4 UserController::actionCreate ($ *data*)

Creates a user.

3.99.2.5 UserController::actionDeleteUser ($ *data*)

Deletes a user.

3.99.2.6 UserController::actionEmailExists ($ *data*)

Checks whether an email address already exists as an email adress or username.

3.99.2.7 UserController::actionLoad ($ *data*)

Loads users.

3.99.2.8 UserController::actionPasswordForgotten ($ *data*)

Sends an e-mail to the user containing a link with which he/she can enter a new password. The only information a user needs to specify for this is an e-mail address.

3.99.2.9 UserController::actionSave ($ *data*)

Saves a user.

3.99.2.10 UserController::actionUnBanUser ($ *data*)

Unbans a user.

3.99.2.11 UserController::actionUsernameExists ($ *data*)

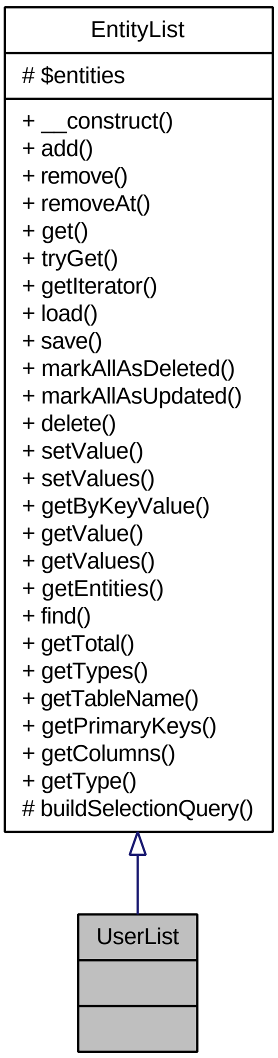
Checks whether a username already exists as an username or email address.

The documentation for this class was generated from the following file:

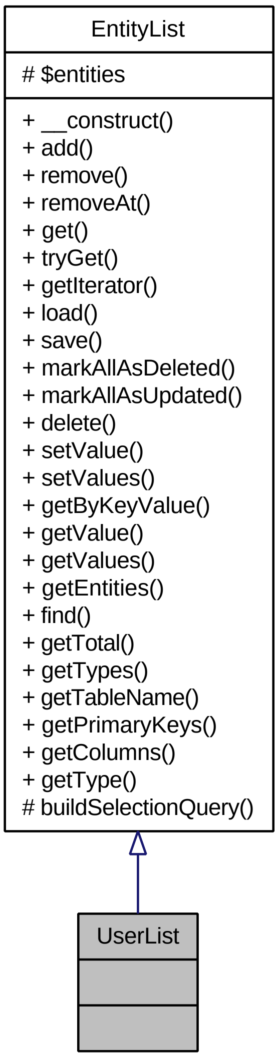
- www/backend/controllers/usercontroller.php

3.100 UserList Class Reference

Inheritance diagram for UserList:



Collaboration diagram for UserList:



3.100.1 Detailed Description

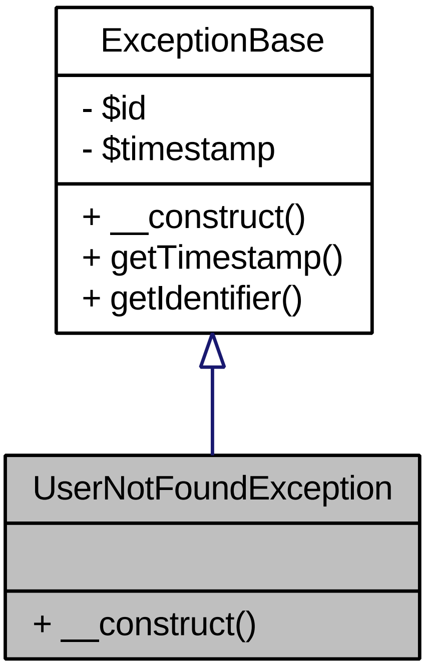
Class representing a user entity list.

The documentation for this class was generated from the following file:

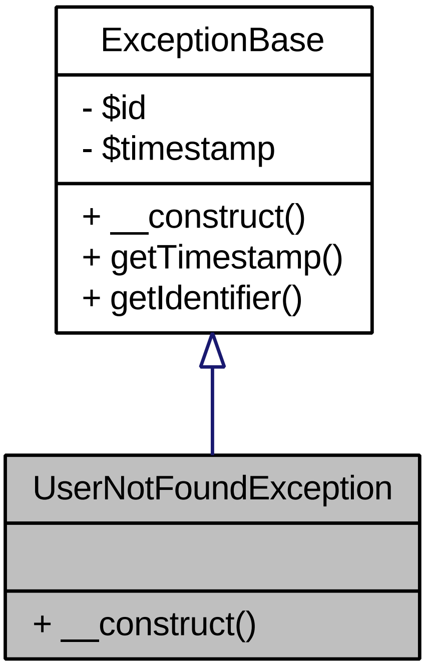
- www/backend/models/user/userlist.php

3.101 UserNotFoundException Class Reference

Inheritance diagram for UserNotFoundException:



Collaboration diagram for UserNotFoundException:



Public Member Functions

- **__construct** ($username)

3.101.1 Detailed Description

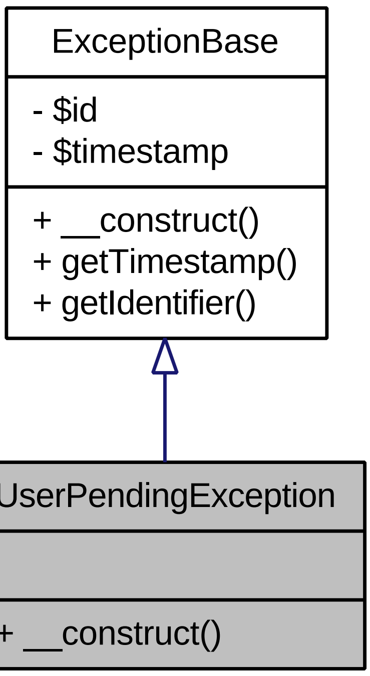
Exceptions.

The documentation for this class was generated from the following file:

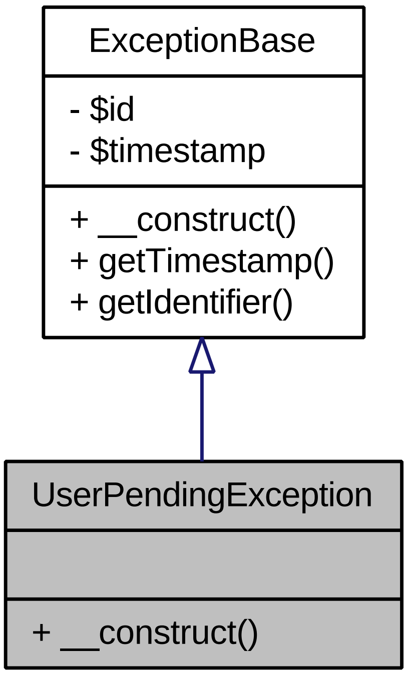
- www/backend/models/user/user.php

3.102 UserPendingException Class Reference

Inheritance diagram for UserPendingException:



Collaboration diagram for UserPendingException:



Public Member Functions

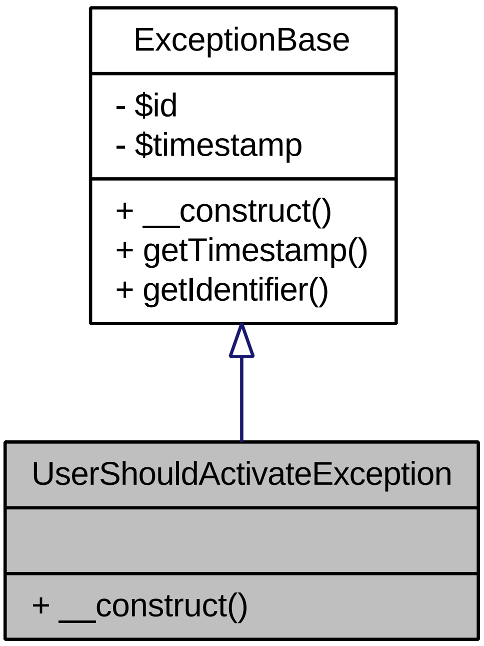
- **__construct** ($username)

The documentation for this class was generated from the following file:

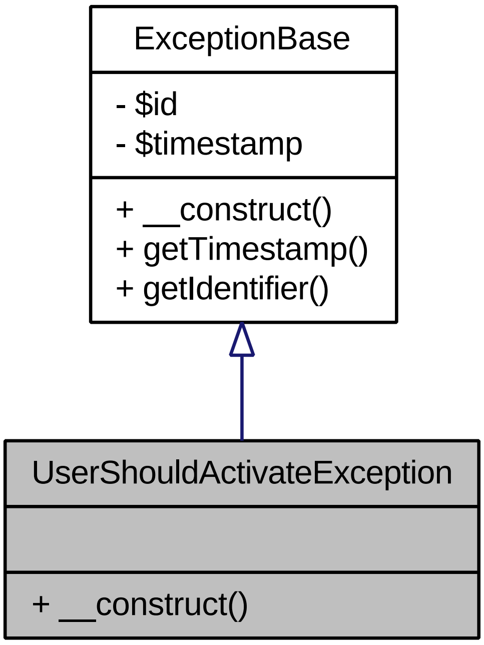
- www/backend/models/user/user.php

3.103 UserShouldActivateException Class Reference

Inheritance diagram for UserShouldActivateException:



Collaboration diagram for UserShouldActivateException:



Public Member Functions

- **__construct** ($username)

The documentation for this class was generated from the following file:

- www/backend/models/user/user.php

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