



UCCApp Database Documentation

Version: 1.0
Date: 12.6.17

[Preliminary Notes](#)

[Resources Tables](#)

[users](#)
[roles](#)
[tabs](#)
[roles_tabs](#)
[categories](#)
[layers](#)
[layers_categories](#)
[derived_layers_categories_categories](#)
[layers_categories_restrictions](#)
[sources](#)
[passages](#)
[projects](#)
[tasks](#)
[tokens](#)
[annotation_units](#)
[annotation_units_tokens](#)
[annotation_units_categories](#)
[annotation_remote_units_annotation_units](#)

[Log Tables](#)

[log_action](#)
[log_login](#)

[Permissions Tables](#)

[auth_group](#)
[auth_group_permissions](#)
[auth_permission](#)
[auth_user](#)

[auth_user_groups](#)

[auth_user_user_permissions](#)

System Tables

[account_emailaddress](#)

[account_emailconfirmation](#)

[authtoken_token](#)

[django_admin_log](#)

[django_content_type](#)

[django_migrations](#)

[django_session](#)

[django_site](#)

Preliminary Notes

This document lists all the tables in the DB that contain information pertaining to the system's resources (Resources Tables), and to its log (Log Tables). Several other tables (System Tables) are used for the internal workings of the application and are irrelevant for the purposes of analyzing the annotation process or its products.

Resources Tables

users

field name	data type	comments
id		
first_name		
last_name		
email		
organization		

affiliation		
role		
created_by		
created_at		
updated_at		
is_active		

roles

field name	data type	comments
id		
name		unique

tabs

field name	data type	comments
id		
name		unique

roles_tabs

field name	data type	comments
role_id		
tab_id		

categories

field name	data type	comments
id		
name		
description		
tooltip		short description
is_default	bool	
abbreviation	varchar (3)	not unique, [A-Z], Capital letters only. 1-3 letters Mandatory Fields
created_by		
created_at		
updated_at		
is_active		

layers

field name	data type	comments
id		
parent_layer_id		
type	enum [REFINEMENT, COARSENING, EXTENSION, ROOT (default)]	
name		
description	html - rich text	

tooltip	text	
created_by		
created_at		
updated_at		
is_active		

layers_categories

A table for the connections between layer and related categories for all layer types

field name	data type	comments
layer_id		
category_id		
category_shortcut_key	varchar	(not for coarsening) unique - for a layer, automatically assigned
was_default		

derived_layers_categories_categories

In case of a derived layer type, this table stores the parent-child relationships.

field name	data type	comments
layer_id		
parent_category_id		
category_id		

layers_categories_restrictions

field name	data type	comments
layer_id		
restriction_type	enum [REQUIRE_SIBLING, REQUIRE_CHILD, FORBID_SIBLING, FORBID_CHILD, FORBID_ANY_CHILD]	
category_ids1	varchar	csv (Comma separated ids) ids
category_ids2	varchar	csv ids

sources

field name	data type	comments
id		
name		
description	simple text	
created_by		
created_at		
updated_at		
is_active		

passages

field name	data type	comments
id		

text	text	simple text
type	enum [PRIVATE, PUBLIC]	
source_id		
created_by		
created_at		
updated_at		
is_active		

projects

field name	data type	comments
id		
name		
description	html - RF	description page for the project
layer_id		
tooltip		1 sentence description
created_by		
created_at		
updated_at		
is_active		

tasks

field name	data type	comments
id		
project_id		
passage_id		nullable
user_id		nullable
parent_id		nullable
task_type	enum [ANNOTATION, TOKENIZATION, REVIEW]	
status	enum [NOT_STARTED, ONGOING, SUBMITTED, REJECTED]	
is_demo	bool	
manager_comment	text	
created_by		
created_at		
updated_at		
is_active		

tokens

field name	data type	comments
id		
task_id		
start_index		in original passage text -

		starting from 0
end_index		
text	varchar	
require_annotation	bool	value if filled on initial automatic tokenization according to algorithm

annotation_units

field name	data type	comments
id		
annotation_unit_tree_id	varchar	
task_id		
type	enum [IMPLICIT, REGULAR]	
comment	text	
parent_id		null if the unit is the root passage
gui_status	enum [HIDDEN, COLLAPSE, OPEN (default state)]	

annotation_units_tokens

field name	data type	comments
unit_id		parent
token_id		

Each token has a unique corresponding unit per annotation task

annotation_units_categories

field name	data type	comments
unit_id		The current unit
category_id		
remote_parent_id		<ul style="list-style-type: none"> - null if not a remote unit. - if remote: the ID of the (unique) parent in the tree hierarchy

annotation_remote_units_annotation_units

field name	data type	comments
unit_id		the ID of the parent
remote_unit_id		the ID of the remote unit. same for all copies of a unit

Log Tables

log_action

Logs all the API requests directed at the server

field name	data type	comments
id		the ID of the action
action		
data		
comment		
created_at		
user_id		the user who sent the request.

log_login

Logs all the logins to the system

field name	data type	comments
id		
login		first name of user logging in
action		Invariably 'login'
data		the response upon the successful login
created_at		timestamp when the entry was created
user_id		the user who sent the request.

Permissions Tables

auth_group

auth_group_permissions

auth_permission

auth_user

auth_user_groups

auth_user_user_permissions

System Tables

account_emailaddress

account_emailconfirmation

authtoken_token

django_admin_log

django_content_type

django_migrations

django_session

django_site