dms

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dms_edit

This table contains a list of file ids (table "dms_file") and the date and time when the files were opened for editing. It is used as a "versioning control" method.
For example, if a user opens a file which appears in this table has having been opened by another user for editing, the current user is attentioned that there might be a conflict (the file is already being edited by somebody else).

Fields

Field	Type
id	primary key
id_file	id of the file which has been opened for editing
username	name of the user which hs opened the file for editing
t_when	date and time when the file has been opened for editing

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dms_email_to_folder

The DMS system saves the emails, sent or received by users, and their attachments. The table indicates for which users it is necessary to save the information and in which folders of the DMS system.

Fields

Field	Type
id	primary key
inbox_folder_id	id of the folder where the received emails will be imported
outbox_folder_id	id of the folder where the sent emails will be imported
priority	if the same email is sent to multiple users, the mail will be imported in the folder of only one user, according to the biggest priority (=lowest value)
user_id	id of the system user
emails	email(s) of the system user; an user can have more then one email address
ignore_emails	this acts as a filter, indicating which mails should not be imported (it doesn't import the mails sent from or to the addresses in this list)

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dms_file

Contains all the files which have been uploaded in the system.

Fields

Field	Type
id	primary key
id_folder	id of the parent folder, where the file was uploaded
id_group	group id from the table "dms_file_group". When an email is imported in the system, a group is created in the "dms_file_group" table and the email content (.eml file) and its attachments are added as different files. The connection between the email and its attachments is made by this id_group.
version_of	id of the originally uploaded file. After a file is edited, a new entry will be inserted, as version of the original file. The files which have never been edited have the value '0'.
name	original name of the file
generated_name	each file is saved on the disk under a generated name, not the original name
extension	file extension
size	file size
ocr	flag indicating if the file has been processed for 'Optical Character Recognition'. This is used to make the content of scanned files readable.
processed	-
preview	flag inidcating if a preview has been generated for the file
uploaded	date when the file was uploaded
created	date when the uploaded file was created
deleted	date when the file was deleted
contents	text content fetched from the file
keywords	can be added from the DMS system
comments	can be added from the DMS system
owner	username of the user which has uploaded the file
moved_by	username of the user which has moved the file
pages	number of pages
full_preview	flag indicating if a full preview has been generated

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dms_file_group

When an email is imported, a new entry is created, which will be added as "id_group" for each of the imported files, in the table "dms_file" (for each attachment and for the mail content)

Fields

Field	Type
id	primary key
name	number of elements (mail content + number of attachments)
created	date when the mail was processed by the system

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dms_file_perm

User permissions set on files (edit, copy, delete, etc.)

Fields

Field	Type
id	primary key
id_file	id of the file from the table "dms_file"
id_right	id of the right (it defines a restriction); the rights are defined in the php file "rights.php"
id_user	id of the user which set the current restriction on the file
user_group	the group of the user which set the current restriction on the file
perm_level	indicates for which user groups the right restriction is valid; for example, if the level is 1, then the users from group 1 and groups with smaller importance then 1 (2, 3, 4,... - smaller values have higher importance), will not be able to perform the indicated action (delete, copy, hide, etc.)
folder_dep	id of the folder from which the file has inherited the restriction; for example, if a folder is hidden by an user, then all the files from that folder will be hidden as well
recurse	flag indicating if the restrition is to be applied recursively; for files the value is always 1

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dms_folder

Contains all the folders which have been created in the DMS system. The folders are not created on the disk!

Fields

Field	Type
id	primary key
pid	id of the parent folder
name	name of the folder
uploaded	date when the folder was uploaded
created	date when the uploaded folder was created
deleted	date when the folder was deleted
owner	username of the user which has created/uploaded the folder
system	flag indicating system folders
can_upload	flag indicating if users are allowed to make uploads in the folder

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dms_folder_perm

User permissions set on folders

Fields

Field	Type
id	primary key
id_folder	id of the folder
id_right	id of the right (it defines a restriction); the rights are defined in the php file "rights.php"
id_user	id of the user which set the current restriction on the folder
user_group	the group of the user which set the current restriction on the folder
perm_level	indicates for which user groups the right restriction is valid; for example, if the level is 1, then the users from group 1 and groups with smaller importance then 1 (2, 3, 4,... - smaller values have higher importance), will not be able to perform the indicated action (delete, copy, hide, etc.)
folder_dep	id of the folder from which the folder has inherited the restriction; for example, if a folder is hidden by an user, then all the folders from that folder will be hidden as well
file_dep	id of the file which has generated a restriction on the folder; for example, if a file cannot be deleted, then all the folders which contain that file cannot be deleted as well
recurse	flag indicating if the restrition is to be applied recursively on files and subfolders
from_child	flag indicating if the restriction was caused by rights set on a file

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dms_settings

Contains a json array with different useful pieces of information related to each system user, for example the last folder from which the user has made an upload.
This information is used to personalize the system for each user.

Fields

Field	Type
id	primary key
user	username of the user to which the settings apply
settings	json array containing the settings