



## Default Layout

### Table chat

This table contains informations about the chat

* Pk	uuid	UUID	This field contains the uuid of the chat
*	name	VARCHAR(100)	This field contains the name of the chat
*	owner_uuid	UUID	This field contains the reference about the owner of the chat

#### Indexes

Pk	pk_chat	uuid
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#### Foreign Keys

fk_chat_users ( owner_uuid )	ref users ( uuid )
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#### Options

engine=InnoDB
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### Table comment\_likes

This table contains informations about the comment likes

* Pk	comment_uuid	UUID	This field contains the reference of the liked comment
* Pk	user_uuid	UUID	This field contains the reference about the user that likes the comment
*	datetime	DATETIME	This field contains the date and the time about the comment's like

#### Indexes

Pk	pk_comment_likes	comment_uuid, user_uuid
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#### Foreign Keys

fk_comment_likes_comments ( comment_uuid )	ref comments ( uuid )
fk_comment_likes_users ( user_uuid )	ref users ( uuid )

#### Options

engine=InnoDB
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### Table comments

This table contains informations about the comments

* Pk	uuid	UUID	This field contains the uuid of the comment
*	post_uuid	UUID	This field contains the reference of the commented post
*	user_uuid	UUID	This field contains the reference about the user that made the comment
	parent	UUID	
*	created_datetime	DATETIME	This field contains the date and the time about the comment
*	message	VARCHAR(500)	This field contains the message of the comment

#### Indexes

Pk	pk_comments	uuid
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#### Foreign Keys

fk_comments_comments ( parent )	ref comments ( uuid )
fk_comments_posts ( post_uuid )	ref posts ( uuid )
fk_comments_users ( user_uuid )	ref users ( uuid )

#### Options

engine=InnoDB
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### Table media

This table contains informations about media

* Pk	uuid	UUID	This field contains the uuid of the media
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## Table media

*	location	VARCHAR(500)	This field contains the location of the media
*	media_md5	CHAR(32)	This field contains the content of the media
*	user_uuid	UUID	This field contains the reference about the user that load the media
	created_datetime	DATETIME	This field contains the date and the time about the media

### Indexes

Pk	pk_medias	uuid
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### Foreign Keys

	fk_medias_users ( user_uuid )	ref users ( uuid )
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### Options

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## Table messages

This table contains informatio about sende message

*	user_uuid	UUID	This field contains the reference about the user that have sent the message
*	chat_uuid	UUID	This field contains the reference about the chat that own the message
*	sended_datetime	DATETIME	This field contains the date and the time about the message
*	message	VARCHAR(1000)	this field contains the message sent
* Pk	uuid	UUID	This field contains the uuid of the message

### Indexes

Pk	pk_messages	uuid
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### Foreign Keys

	fk_messages_users ( user_uuid )	ref users ( uuid )
	fk_messages_chat ( chat_uuid )	ref chat ( uuid )

### Options

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## Table post\_likes

This table contains informations about the posts likes

* Pk	post_uuid	UUID	This field contains the reference about the liked post
* Pk	user_uuid	UUID	This field contains the reference about the user who likes the post
*	datetime	DATETIME	This field contains the date and the time about the like at the post

### Indexes

Pk	pk_post_likes	post_uuid, user_uuid
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### Foreign Keys

	fk_post_likes_posts ( post_uuid )	ref posts ( uuid )
	fk_post_likes_users ( user_uuid )	ref users ( uuid )

## Table post\_media

This table contains informations about the posts media

* Pk	post_uuid	UUID	This field contains the reference about the post that include a media
* Pk	media_uuid	UUID	This table contains the reference about the media of the post

### Indexes

Pk	pk_post_media	post_uuid, media_uuid
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### Foreign Keys

	fk_post_media_posts ( post_uuid )	ref posts ( uuid )
	fk_post_media_media ( media_uuid )	ref media ( uuid )

## Table post\_media

### Options

engine=InnoDB

## Table posts

This table contains informations about the posts

*	user_uuid	UUID	This field contains the reference about the user who made the post
* Pk	uuid	UUID	This field contains the uuid of the post
*	message	VARCHAR(1000)	This field contains the message of the post
*	created_datetime	DATETIME	This field contains the date and the time about the post

### Indexes

Pk    pk\_posts                    uuid

### Foreign Keys

fk\_users\_posts ( user\_uuid ) ref users ( uuid )

### Options

engine=InnoDB

## Table rt\_\_posts\_tags

This table contains the informations about the rt posts tags

* Pk	posts_uuid	UUID	This field contains the reference about the post where there's the tag
* Pk	tag_uuid	UUID	This field contains the reference about the used tag

### Indexes

Pk    pk\_rt\_\_posts\_tags            posts\_uuid, tag\_uuid

### Foreign Keys

fk\_rt\_\_posts\_tags\_tags ( tag\_uuid ) ref tags ( uuid )

fk\_rt\_\_posts\_tags\_posts ( posts\_uuid ) ref posts ( uuid )

### Options

engine=InnoDB

## Table rt\_\_user\_varieties

This table contains the information about rt user varieties

* Pk	user_uuid	UUID	This field contains the uuid of the user
* Pk	variety_id	BIGINT	This field contains the id of the variety
*	datetime	DATETIME	This field contains the date and the time about adding the variety to the user's list

### Indexes

Pk    pk\_rt\_\_user\_varieties            user\_uuid, variety\_id

### Foreign Keys

fk\_rt\_\_user\_varieties\_users ( user\_uuid ) ref users ( uuid )

fk\_rt\_\_user\_varieties ( variety\_id ) ref varieties ( id )

### Options

engine=InnoDB

## Table rt\_\_users\_chat

This table contains the informations about the rt users chat

* Pk	user_uuid	UUID	This field contains the reference about the chatting user
* Pk	chat_uuid	UUID	This field contains the reference about the chat

### Indexes

## Table rt\_users\_chat

Pk	pk_rt_users_chat	user_uuid, chat_uuid
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### Foreign Keys

fk_rt_users_chat_users ( user_uuid )	ref users ( uuid )
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fk_rt_users_chat_chat ( chat_uuid )	ref chat ( uuid )
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### Options

engine=InnoDB

## Table species

This table contains the information about species

* Pk	id	BIGINT	This field contains the id of the species
*	scientific_name	VARCHAR(100)	This field contains the scientific name of the species

### Indexes

Pk	pk_species	id
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### Options

engine=InnoDB

## Table species\_alias

This table contains the information about species alias

* Pk	id	BIGINT	This field contains the id of the species alias
*	species_id	INT	This field contains the id of the species

### Indexes

Pk	pk_species_alias	id
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### Foreign Keys

fk_species_alias_species ( species_id )	ref species ( id )
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### Options

engine=InnoDB

## Table species\_followers

This table contains the information about the species followers

* Pk	uuid	UUID	This field contains the uuid of the species follower
*	user_uuid	UUID	This field contains the uuid of the user
*	species_id	BIGINT	This field contains the id of the species
*	follow_datetime	DATETIME	this fields contains the date and the time about the follow of the species

### Indexes

Pk	pk_species_followers	uuid
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### Foreign Keys

fk_species_followers_users ( user_uuid )	ref users ( uuid )
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fk_species_followers_species ( species_id )	ref species ( id )
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### Options

engine=InnoDB

## Table tag\_followers

This table contains informations about the tag followers

* Pk	tag_uuid	UUID	This field contains the reference about the tag
* Pk	user_uuid	UUID	This field contains the reference about the tag follower

### Indexes

## Table tag\_followers

Pk	pk_tag_followers	tag_uuid, user_uuid
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### Foreign Keys

fk\_tag\_followers\_tags ( tag\_uuid ) ref tags ( uuid )

fk\_tag\_followers\_users ( user\_uuid ) ref users ( uuid )

### Options

engine=InnoDB

## Table tags

This table contains informations about the tags

* Pk	uuid	UUID	This field contains the uuid of the tag
*	tag	VARCHAR(30)	This field contains the content of the tag

### Indexes

Pk	pk_tags	uuid
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### Options

engine=InnoDB

## Table user\_followers

This table contains informations about the user followers

* Pk	follower_uuid	UUID	This field contains the reference about the follower
* Pk	followed_uuid	UUID	This field contains the reference about the followed user
*	follow_datetime	DATETIME	This field contains the date and the time about the follow

### Indexes

Pk	pk_user_followers	follower_uuid, followed_uuid
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### Foreign Keys

fk\_user\_follower ( follower\_uuid ) ref users ( uuid )

fk\_user\_followed ( followed\_uuid ) ref users ( uuid )

### Options

engine=InnoDB

## Table users

This table contains the information of the user of the system

* Pk	uuid	UUID	This field contains the uuid of the user
*	username	VARCHAR(100)	This field contains the username of the user
	birth_date	DATE	This field contains the date of birth of the user
	subscribe_datetime	DATETIME	This field contains the time that has passed since enrollment
*	email	VARCHAR(255)	This field contains the email of the user
	name	VARCHAR(100)	This field contains the name of the user
	surname	VARCHAR(100)	This field contains the surname of the user
*	verified	BOOLEAN	This field contains the result of the user's verification
	bio	VARCHAR(1000)	This field contains the bio of the user
	profile_image	UUID	This field contains the profile image of the user

### Indexes

Pk	pk_users	uuid
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### Foreign Keys

fk\_users\_media ( profile\_image ) ref media ( uuid )

### Options

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## Table varieties

This table contains the information about varieties

* Pk	id	BIGINT	This field contains the id of the varieties
*	name	VARCHAR(150)	This field contains the name of the varieties
*	species_id	BIGINT	This field contains the id of the species
	variety_image	UUID	This field contains the image of the variety
*	datetime	DATETIME	this fields contains the date and the time about the creation of a new variety

### Indexes

Pk	pk_varieties	id
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### Foreign Keys

fk_varieties_species ( species_id ) ref species ( id )
fk_varieties_media ( variety_image ) ref media ( uuid )

### Options

engine=InnoDB

## Table variety\_followers

This table contains the information about variety followers

* Pk	uuid	UUID	This field contains the uuid of the variety followers
*	variety_id	BIGINT	This field contains the id of the variety
*	user_uuid	UUID	This field contains the uuid of the user
*	datetime	DATETIME	this fields contains the date and the time about the follow of the variety

### Indexes

Pk	pk_varieties_follow	uuid
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### Foreign Keys

fk_variety_followers_users ( user_uuid ) ref users ( uuid )
fk_variety_followers_varieties ( variety_id ) ref varieties ( id )

### Options

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