

Houzz

Database description

v 1.0

REVISION HISTORY

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01/09/2016	1.0	This document describe all database tables used in project Clone Houzz	Nguyễn Quang Bách

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1. DETAIL

1.1 Table: access_token

1.1.1 <Purpose>

- Store information used to authorized for each login session of user

1.1.2 <Definition>

Column name	Data type	P K	F K	N N	Default	Comment	AI
id	int(4)	x		x			x
access_token	varchar(30)			x		Unique string generated for each session	
device_type	varchar(10)			x		Store type of device login: WEB/MOBILE	
access_time	timestampz(6)			x		Time user login in	
user_id	int(4)		x	x			
language_code	varchar(5)					The language user uses for the session	
date_created	timestampz(6)			x		Same to access_time	
phone_token	varchar(200)					Store token string generated by Apple/google for each session of device login (to send push notification)	
phone_type	varchar(10)					Type of mobile device: IOS/ANDROID	

1.2 Table: address

1.2.1 <Purpose>

- Store address's data

1.2.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
address_type_id	int(4)		x	x		The type of address, linked to table address_type	
full_name	varchar(100)			x		The contact full name	
address_line1	varchar(200)			x		Address line 1	
address_line 2	varchar(400)					Address line 2	
city	varchar(100)			x		City	
country	varchar(100)			x		Country	
province	varchar(100)			x		Province	
post_code	varchar(10)			x		ZIP CODE	

phone_number	varchar(15)			x		Contact phone number	
extension	varchar(100)						
is_default	bool			x		check if address is default or not	

1.3 Table: address_type

1.3.1 <Purpose>

- Define all address types system supports like: shipping, billing, normal

1.3.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
name	varchar(80)			x			

1.4 Table: advanced_setting

1.4.1 <Purpose>

- Store attributes and values for advanced setting of user

1.4.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
user_id	int(4)	x	x	x			
key	varchar(10)			x		Store key of attribute in advanced setting screen	
value	text					Store value matched with the key chosen by user	
status_code	int(1)			x	0	Status code of item. Default = 0 (normal)	
display_order	int(2)			x	0	The display order of the item, default = 0	
date_created	timestampz(6)			x		The time that item created	
date_last_update	timestampz(6)					Time that item updated	

1.5 Table: auth_group

1.5.1 <Purpose>

- This table belongs to django

1.5.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
name	varchar(80)						

1.6 Table: auth_group_permissions

1.6.1 <Purpose>

- This table belongs to django

1.6.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
group_id	int(4)		x	x			
permission_id	int(4)		x	x			

1.7 Table: auth_permission

1.7.1 <Purpose>

- This table belongs to django

1.7.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
name	varchar(255)						
content_type_id	int(4)		x	x			

1.8 Table: auth_user

1.8.1 <Purpose>

- This table store user's main data. This table belongs to django

1.8.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
password	varchar(128)			x			
last_login	timestampz(6)						
is_superuser	bool			x			
username	varchar(30)			x			

first_name	varchar(30)			x			
last_name	varchar(30)			x			
email	varchar(254)			x			
is_staff	bool			x			
is_active	bool			x			
date_join	timestampz(6)			x			

1.9 Table: auth_user_groups

1.9.1 <Purpose>

- This table belongs to django

1.9.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
user_id	int(4)		x	x			
group_id	int(4)		x	x			

1.10 Table: auth_user_user_permissions

1.10.1 <Purpose>

- This table belongs to django

1.10.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
user_id	int(4)		x	x			
permission_id	int(4)		x	x			

1.11 Table: bookmark

1.11.1 <Purpose>

- This table store all items user bookmarked

1.11.2 <Definition>

Column name	Data type	PK	FK	NN	DF	Comment	AI
id	int(4)	x		x			x
user_id	int(4)		x	x			
object_id	int(4)			x		The id of item will be bookmarked	
object_type	varchar(10)			x		The type of item will be bookmarked	
status_code	int(1)			x	0	dafault = 0	
date_created	timestampz(6)			x			

1.12 Table: category_attribute

1.12.1 <Purpose>

- This table defines all attributes belong to specific categories

1.12.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
category_id	int(4)		x	x			
key	varchar(20)			x		Key of attribute	
value	varchar(400)					options to be chosen, if null, user will enter free text	
description	varchar(400)						

1.13 Table: comment

1.13.1 <Purpose>

- Store all comments of user about any items

1.13.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
object_id	int(4)			x		id of the item commented	
object_type	varchar(10)			x		type of the item commented	
text	text						
status_code	int(1)			x	0		
privacy	int(1)			x		Define privacy mode of the comment (private/public)	
created_by	int(4)			x		Owner	
updated_by	int(4)					Last update user	
date_created	timestampz(6)			x			
date_last_update	timestampz(6)						

1.14 Table: configuration

1.14.1 <Purpose>

- This table stores all configurations in the system

1.14.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
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name	varchar(100)	x		x			
description	varchar(100)						
value	varchar(100)						

1.15 Table: default_advanced_setting

1.15.1 <Purpose>

- This table defines all default advanced setting attributes

1.15.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
key	varchar(10)		x	x		Key of the attribute	
name	varchar(100)					values of the attribute user can choose. If null, user can enter free text	
value	text						

1.16 Table: django_admin_log

1.16.1 <Purpose>

- This table belongs to django

1.16.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
action_time	timestampz(6)			x			
object_id	text			x			
object_repr	varchar(200)			x			
action_flag	int(2)			x			
change_message	text						
content_type_id	int(4)			x			
user_id	int(4)		x	x			

1.17 Table: django_content_type

1.17.1 <Purpose>

- This table belongs to django

1.17.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
app_label	varchar(100)						

model	varchar(100)					
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1.18 Table: email_verification

1.18.1 <Purpose>

- This table stores all records related to email verification

1.18.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
token	varchar(100)	x		x		Unique strings will be created by system (UUID)	
email	varchar(100)			x			
user_id	int(4)		x				
is_expired	bool				false		
date_created	timestampz(6)			x			
date_used	timestampz(6)					When email is verified, this column will be updated	

1.19 Table: extra_attribue

1.19.1 <Purpose>

- This table stores all extra attributes (key + value) matches with the key in table category_attribute

1.19.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
product_id	int(4)		x	x			
key	varchar(20)			x			
value	varchar(100)						

1.20 Table: file

1.20.1 <Purpose>

- Store all files in this system

1.20.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
type	varchar(10)			x		Type of file:photo/video/icon/exe...	
description	text						

data	blob						
guid	varchar(15)					unique string used for s3 amazon	
url	varchar(100)					absolute url	
thumbnail_data	blob					for thumbnail	
thumbnail_guid	varchar(15)					for thumbnail	
thumbnail_url	varchar(100)					for thumbnail	
status_code	int(1)			x	0		
created_by	int(4)			x			
updated_by	int(4)						
date_created	timestampz(6)			x			
date_last_update	timestmapz(6)						

1.21 Table: file_relationship

1.21.1 <Purpose>

- This table stores all relationship between files and the items they attached

1.21.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
file_id	int(4)		x	x			
object_id	int(4)			x			
object_type	varchar(10)			x			
status_code	varchar(150)			x	0		
display_order	int(2)			x			
date_created	timestampz(6)			x			

1.22 Table: country

1.22.1 <Purpose>

- This table stores all comments of user about any items.

1.22.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
country_code	varchar(10)						
iso_code	varchar(10)						
name	varchar(100)						
description	varchar(100)						

1.23 Table: follow

1.23.1 <Purpose>

- This table stores relationship between two users.

1.23.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
user_id1	int(4)		x	x		the first user_id	
user_id2	int(4)		x	x		the second user_id	
status_code	int(1)			x	0		
date_created	timestampz(6)			x			
date_last_update	timestampz(6)						

1.24 Table: idea_book

1.24.1 <Purpose>

- This table stores information about the idea book

1.24.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
title	varchar(100)			x			
status_code	int(1)			x	0		
privacy	int(1)			x		private/public	
description	text						
date_created	timestampz(6)			x			
date_last_update	timestampz(6)						

1.25 Table: idea_book_user

1.25.1 <Purpose>

- This table stores relationship between users and idea book

1.25.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
idea_book_id	int(4)		x	x		link to table idea_book	
user_id	int(4)		x	x		link to table auth_user	
status_code	int(1)			x	0		
type	varchar(10)			x		type of user: owner/co-op/admin/writer	
date_created	timestampz(6)			x		date that relationship created	
date_last_update	timestampz(6)					date that	

					relationship updated	
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1.26 Table: language

1.26.1 <Purpose>

- This table defines all language system supports

1.26.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
language_code	varchar(10)					Language code follow iso format like: VN/ EN/ CN	
name	varchar(100)					detail name like: vietnamese, english	
description	varchar(100)					detail information	

1.27 Table: localize

1.27.1 <Purpose>

- This table stores localized text related to language and the items

1.27.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
object_type	varchar(10)			x		type of object will be used to localized, example: product/product_category	
object_id	int(4)			x		id of object will be used to localized	
language_code	varchar(10)			x		language code related to the language will be used	
key	varchar(10)			x		the attribute will be localized.	

						Example: name/description/color	
text	text					localized text	
status_code				X	0		
display_order	int(2)			X	0	display order of the text in the list of many localized text	
date_created	timestampz(6)			X			

1.28 Table: login_account_type

1.28.1 <Purpose>

- This table stores all information we need to use social login methods (like facebook/google)

1.28.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	X		X			
name	varchar(30)			X		type of social login: google/facebook	
account_id	varchar(50)			X		the account id google/facebook provided houzz to connect	
account_key	varchar(100)			X		key provided by google/facebook	
account_secret	varchar(100)			X		secret key provided by google/facebook	
request_permission	varchar(100)			X		what we request to get like: gender/email/phone ...	

1.29 Table: message

1.29.1 <Purpose>

- This table stores all messages between two users

1.29.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	X		X			X
title	varchar(100)			X			
sender_id	int(4)		X	X		id of sender	

receiver_id	int(4)		x	x		id of receiver	
message_text	text			x		the content of message	
status_code	int(1)			x	0		
date_created	timestampz(6)			x		date that message created	
date_last_update	timestampz(6)					date that message updated (deleted/edited...)	

1.30 Table: order

1.30.1 <Purpose>

- This table stores the orders created by users

1.30.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
user_id	int(4)		x	x		id of user made an order	
current_status_code	int(1)			x	0	current status of the order. When an order created, the status code = 0.	
date_created	timestampz(6)			x		date that order created	
date_last_update	timestampz(6)					date that order is updated	

1.31 Table: order_product

1.31.1 <Purpose>

- This table stores relationship between orders and products

1.31.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
order_id	int(4)		x	x		linked to table order	
product_id	int(4)		x	x		linked to table product	
quantity	int(4)			x		the number or product	
status_code	int(1)			x	0		
date_created	timestampz(6)			x			
date_last_update	timestampz(6)						

1.32 Table: order_status_history

1.32.1 <Purpose>

- This table stores status history of the order

1.32.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
order_id	int(4)		x	x			
status_code	int(1)			x		0 = CREATED 1 = ORDERED 2 = PENDING 3 = REJECTED 4 = PAID 5 = REFUNDED 6 = CANCELED	
date	timestampz(6)			x			

1.33 Table: payment_type

1.33.1 <Purpose>

- This table defines all payment types can be used in the system

1.33.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			
name	varchar(10)			x		CASH/COUPON/PAYPAL	
description	varchar(100)						

1.34 Table: post

1.34.1 <Purpose>

- This table stores all posts by users

1.34.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
title	varchar(100)			x		the tilte	
text	text					the content	
status_code	int(1)			x	0		
privacy	int(1)			x		private/public (private = -1, public = 1)	
created_by	int(4)			x			
updated_by	int(4)						

date_created	timestampz(6)			x			
date_last_update	timestampz(6)						

1.35 Table: post_sharing

1.35.1 <Purpose>

- This table defines where the posts shared

1.35.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
post_id	int(4)		x	x			
object_shared_type	varchar(10)			x		same logic to comment	
object_shared_id	int(4)			x		same logic to comment	
status_code	int(1)				0		
date_created	timestampz(6)			x			

1.36 Table: product

1.36.1 <Purpose>

- This table stores information about product in the system

1.36.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
title	varchar(100)			x			
type	varchar(10)			x		photo/product	
product_category_id	int(4)		x	x		link to table product_category	
style_id	int(4)		x	x		link to table product_style	
country_id	int(4)		x	x		link to table country	
project_id	int(4)		x	x		link to table project	
city	varchar(100)					name of city	
zip_code	varchar(10)					zip code	
website	varchar(100)					url of website	
keywords	varchar(400)					keyword, splitted by semicolon	
price	numeric					the price of product	
currency_code	varchar(10)					currency code: VND/USD	
description	text					description	
user_id	int(4)			x		owner user id	
group_product	text					all product id in the	

						same group, splitted by colon	
group_by	varchar(10)					the attribute key will be used to group by (in table category_attribute), example: color	
status_code	int(1)			x	0		
quantity	int(4)			x		stock number	
verified_by	int(4)					the id of admin verified	
date_created	timestampz(6)			x			
date_last_update	timestampz(6)			x			

1.37 Table: product_category

1.37.1 <Purpose>

- The table stores information about product category in the system

1.37.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
parent_id	int(4)		x			the parent id, in the same table	
name	varchar(100)			x			
description	varchar(100)						
display_order	int(2)				0		
status_code	int(1)			x	0		
date_created	timestampz(6)			x			
date_last_update	timestampz(6)						

1.38 Table: product_style

1.38.1 <Purpose>

- The table stores information about product style in the system

1.38.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
parent_id	int(4)		x			the parent id, in the same table	
description	varchar(100)			x			
display_order	int(2)				0		
status_code	int(1)			x	0		

date_created	timestampz(6)			x		
date_last_update	timestampz(6)					

1.39 Table: project

1.39.1 <Purpose>

- Store project's data

1.39.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
user_id	int(4)		x	x			
name	varchar(100)			x			
type	varchar(10)			x		photo/product	
description	varchar(400)						
project_year	varchar(10)						
project_cost	varchar(100)						
project_country_id	int(4)		x			link to table country	
zip_code	varchar(10)						
date_created	timestampz(6)			x			
date_last_update	timestampz(6)						

1.40 Table: project_credits

1.40.1 <Purpose>

- This table stores relationship between project and credits

1.40.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
project_id	int(4)		x	x			
credit_user_id	int(4)		x	x			
status_code	int(1)			x			
display_order	int(2)			x			
date_created	timestampz(6)			x			

1.41 Table: reaction

1.41.1 <Purpose>

- This table store reactions users made to any item in the system

1.41.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
type	varchar(10)			x		like/haha/angry/sad/	

						dislike	
user_id	int(4)		x	x			
object_id	int(4)			x		id of the item user react	
object_type	varchar(10)			x		type of the item user react	
status_code	int(1)			x	0		
date_created	timestampz(6)			x			

1.42 Table: review

1.42.1 <Purpose>

- Lưu trữ thông tin về những phản ứng với thuốc của bệnh nhân

1.42.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
object_id	int(4)		x	x		id of item user rate	
object_type	varchar(10)					type of item user rate	
title	varchar(100)			x			
text	text			x			
rating	int(1)					from 1 -> 5	
status_code	int(1)			x	0		
privacy	int(1)			x		private/public	
created_by	int(4)		x	x			
updated_by	int(4)		x				
date_created	timestampz(6)			x			
date_last_update	timestampz(6)						

1.43 Table: seller_category

1.43.1 <Purpose>

- The table defines all seller categories in this system

1.43.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
parent_id	int(4)		x				
name	varchar(100)			x			
description	varchar(100)						
display_order	int(2)						
status_code	int(1)			x	0		
date_created	timestampz(6)			x			

1.44 Table: story

1.44.1 <Purpose>

- This table stores all stories made by users in the system

1.44.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
title	varchar(100)			x			
summary	text						
content	text						
story_category_id	int(4)		x	x			
created_by	int(4)		x	x			
updated_by	int(4)		x				
status_code	int(1)			x	0		
date_created	timestampz(6)			x			
date_last_update	timestampz(6)						

1.45 Table: story_category

1.45.1 <Purpose>

- This table defines story categories

1.45.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AutoInc
id	int(4)	x		x			x
parent_id	int(4)		x			link to this table itself	
name	varchar(100)						
description	varchar(100)						
display_order	int(2)				0		
status_code	int(1)			x	0		
date_created	timestampz(6)			x			
date_last_update	timestampz(6)						

1.46 Table: transaction_detail

1.46.1 <Purpose>

- This table stores the detail about money in each order

1.46.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
order_id	int(4)		x	x		link to table order	
payment_type_id	int(4)		x	x		link to table	

						payment_type	
user_id	int(4)		x	x		link to table auth_user	
direction	varchar(3)			x		+/- (money in/money out)	
value	numeric						
currency_code	varchar(10)					VND/USD/EUR	

1.47 Table: typical_job_cost

1.47.1 <Purpose>

- This table stores typical job cost information of seller

1.47.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
user_id	int(4)	x	x	x			
currency_code	varchar(10)			x		USD/VND/EUR	
from	numeric(12,2)					money from	
to	numeric(12,2)					money to	
cost_details	text						
date_last_update	timestampz(6)						

1.48 Table: user_login_account

1.48.1 <Purpose>

- This table stores data for login by social methods

1.48.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
id	int(4)	x		x			x
user_id	int(4)		x	x			
login_account_type_id	int(4)		x	x		link to table login_account_type	
linked_user_id	varchar(30)			x		Social network user id (google/facebook id)	
access_token	varchar(100)			x		access token generated by google/facebook for each login time	
granted_permissions	varchar(200)			x		Which information will be used	
date_created	timestampz(6)			x			
date_canceled	timestampz(6)						

1.49 Table: user_profile_normal

1.49.1 <Purpose>

- This table stores user's normal information

1.49.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
user_id	int(4)	x	x	x		link to table auth_user	
status_code	int(1)			x	0		
url	varchar(100)						
about_me	varchar(400)						
favorite_style	varchar(200)						
next_house_project	varchar(400)						
contact_city	varchar(100)						
contact_country	varchar(100)						
contact_province	varchar(100)						
image_avatar	varchar(100)					url of avatar. You can use table file to store avatar	
image_cover	varchar(100)					url of cover. You can use table file to store cover	
date_last_update	timestampz(6)						

1.50 Table: user_profile_seller

1.50.1 <Purpose>

- This table stores user's seller information

1.50.2 <Definition>

Column name	Data type	PK	FK	NN	Default	Comment	AI
user_id	int(4)	x	x	x		link to table auth_user	
status_code	int(1)			x	0		
firm_name	varchar(100)			x		name of seller's firm	
category_id	int(4)		x	x		link to table seller_category	
web_site	varchar(200)					website's url	
public_first_name	varchar(100)					public first name	
public_last_name	varchar(100)					public last name	
license_number	varchar(100)					license number	
business_description	text						
services_provided	varchar(400)					splitted by semicolon	
area_served	varchar(400)					splitted by	

						semicolon	
certificated_awards	varchar(400)					splitted semicolon	by
affiliations	text						
contact_address_line1	varchar(200)						
contact_address_line2	varchar(200)						
contact_city	varchar(100)			x			
contact_province	varchar(100)						
contact_country	varchar(100)			x			
contact_post_code	varchar(10)						
contact_phone	varchar(15)						
contact_fax	varchar(15)						
additional_emails	varchar(400)					splitted semicolon	by
date_last_update	timestampz(6)						