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Enum Definition

account_status_type

normalcy, blackout

gender_type

male, female

guide_status_type

standby, pass, reject

user_type

admin, guide_manager, guide, tourist

Table Definition
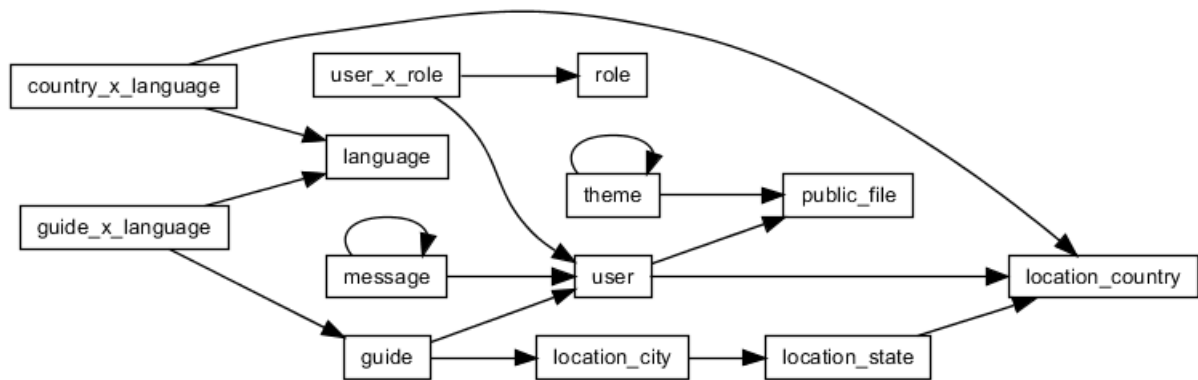
country_x_language relationship of country with language. languages are used as representative country.
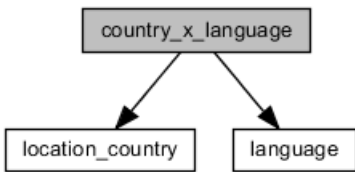
column	type	nullable	pkey	defaulted	referred	refer
id	bigint		V	V		
country_id	bigint					*[location_country] id*
language_id	bigint					*[language] id*

unique key	columns	description				
country_x_language_pkey	id					

column	description
id	table identifier
country_id	reference country
language_id	reference language

## guide user of guide/guide manager type
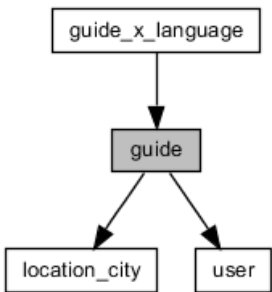
column	type	nullable	pkey	defaulted	referred	refer
id	bigint		V		[guide_x_language] guide_id	*[user] id*
status	*guide_status_type*			V		

column	type	nullable	pkey	defaulted	referred	refer
guide_event_type_id	bigint	V				
login_id	character varying(100)					
login_password	character varying(100)					
email_generate_key	character varying(255)					
email_certified_at	timestamp without time zone	V				
skype_id	character varying(40)	V				
residential_city_id	bigint					[location_city] id
experience	integer	V				
age	integer	V				
description_payout	character varying(300)					
created_at	timestamp without time zone			V		
updated_at	timestamp without time zone	V				

unique key	columns			description		
guide_pkey	id					
guide_login_id_key	login_id					

| column	description
id	table identifier
status	approved by administrator
guide_event_type_id	promotion about guide
login_id	login ID
login_password	login password
email_generate_key	generated key for certificating email
email_certified_at	timestamp when email is certificated
skype_id	skype ID
residential_city_id	city of residence
experience	n years experience about guiding
age	age
created_at	timestamp when this record is created
updated_at	timestamp when this record is updated

guide_x_language
relationship of guide with language. One guide has 1 guiding-language or more.
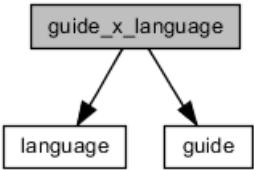
column	type	nullable	pkey	defaulted	referred	refer
id	bigint		V	V		

column	type	nullable	pkey	defaulted	referred	refer
guide_id	bigint					[guide] id
language_id	bigint					[language] id
created_at	timestamp without time zone			V		
updated_at	timestamp without time zone	V				

unique key	columns	description
guide_x_language_pkey	id	
guide_x_language_guide_id_language_id_key	guide_id language_id	

column	description
id	table identifier
guide_id	reference guide
language_id	reference language

language define language for guiding
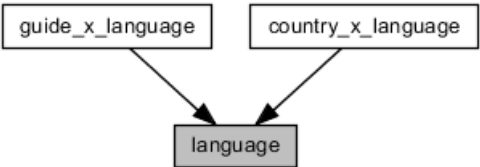
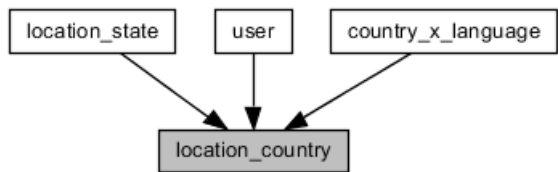| column	type	nullable	pkey	defaulted	referred	refer
id	bigint		V	V	[country_x_language] language_id [guide_x_language] language_id	
name	character varying(100)					
sort_name	character varying(100)					

unique key	columns	description
language_pkey	id	
language_sort_name_key	sort_name	

column	description
id	table identifier
name	name of language
sort_name	name of language for sorting

location_city real city
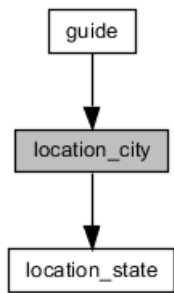
column	type	nullable	pkey	defaulted	referred	refer
id	bigint		V	V	[guide] residential_city_id	
state_id	bigint					*[location_state] id*
name	character varying(100)					
latitude	double precision	V				
longitude	double precision	V				

unique key	columns	description
location_city_pkey	id	
location_city_state_id_name _key	state_id name	
location_city_latitude_longit ude_key	latitude longitude	

column	description
id	table identifier
state_id	reference state
name	name of city
latitude	latitude of city
longitude	longitude of city

location_country real country

column	type	nullable	pkey	defaulted	referred	refer
id	bigint		V	V	[country_x_language] country_id [location_state] country_id [user] mobile_country_id [user] nationality_id	
name	character varying(100)					
sort_name	character varying(10)					
korean_name	character varying(100)	V				

column	type	nullable	pkey	defaulted	referred	refer
country_code	integer	V				
latitude	double precision	V				
longitude	double precision	V				

unique key	columns	description
location_country_pkey	id	
location_country_name_key	name	
location_country_sort_name_key	sort_name	
location_country_latitude_longitude_key	latitude longitude	

column	description
id	table identifier
name	name of country
sort_name	name of country for sorting
korean_name	korean name of country
country_code	international dialling code
latitude	latitude of country
longitude	longitude of country

location_state ^real state
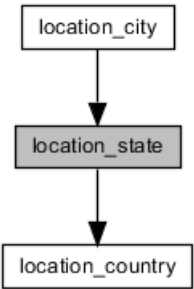
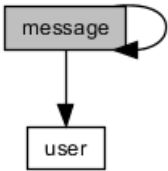| column	type	nullable	pkey	defaulted	referred	refer
id	bigint		V	V	[location_city] state_id	
country_id	bigint					*[location_country] id*
name	character varying(100)					
latitude	double precision	V				
longitude	double precision	V				

unique key	columns	description
location_state_pkey	id	
location_state_country_id_name_key	country_id name	
location_state_latitude_longitude_key	latitude longitude	

column	description
id	table identifier

| column	description
country_id	reference country
name	name of state
latitude	latitude of state
longitude	longitude of state

message message form user to user

column	type	nullable	pkey	defaulted	referred	refer
id	bigint		V	V	[message] ref_id	
ref_id	bigint	V				[message] id
sender_id	bigint					[user] id
receiver_id	bigint					[user] id
message_header	character varying(1024)	V				
message_body	character varying(2048)					
message_footer	character varying(1024)	V				
read	boolean			V		
sender_deleted	boolean			V		
receiver_deleted	boolean			V		
created_at	timestamp without time zone			V		
updated_at	timestamp without time zone	V				
deleted_at	timestamp without time zone	V				

unique key	columns	description
message_pkey	id	

column	description
id	table identifier
ref_id	represented message
sender_id	reference sender
receiver_id	reference receiver
message_header	header content of message
message_body	body content of message
message_footer	footer content of message
read	read message by receiver
sender_deleted	deleted message by sender

column	description
receiver_deleted	deleted message by receiver
created_at	timestamp when this record is created
updated_at	timestamp when this record is updated
deleted_at	present that this record is deleted

public_file saved file at server
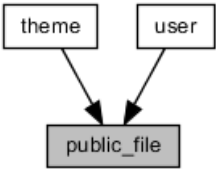
column	type	nullable	pkey	defaulted	referred	refer
id	bigint		V	V	[theme] background_image_id [theme] image_id [user] profile_image_id	
original_name	character varying(256)					
name	character varying(256)					
size	bigint					
created_at	timestamp without time zone			V		
updated_at	timestamp without time zone	V				
deleted_at	timestamp without time zone	V				

unique key	columns	description
public_file_pkey	id	

column	description
id	table identifier
original_name	file name what is file name of user end side in uploading
name	saved file name at server side after upload
size	file size
created_at	timestamp when this record is created
updated_at	timestamp when this record is updated
deleted_at	present that this record is deleted

role

column	type	nullable	pkey	defaulted	referred	refer
id	bigint		V	V	[user_x_role] role_id	
name	character varying(100)					

| unique key	columns	description
role_pkey	id	
role_name_key	name	

theme define theme

column	type	nullable	pkey	defaulted	referred	refer
id	bigint		V	V	[theme] ref_id	
name	character varying(255)					
ref_id	bigint	V				*[theme] id*
trend	boolean			V		
image_id	bigint	V				*[public_file] id*
background_image_id	bigint	V				*[public_file] id*
created_at	timestamp without time zone			V		
updated_at	timestamp without time zone	V				
deleted_at	timestamp without time zone	V				

unique key	columns	description
theme_pkey	id	

column	description
id	table identifier
name	name of theme
ref_id	reference anyone of "theme"
trend	is representative
image_id	reference icon
background_image_id	reference picture
created_at	timestamp when this record is created

column	description
updated_at	timestamp when this record is updated
deleted_at	present that this record is deleted

user
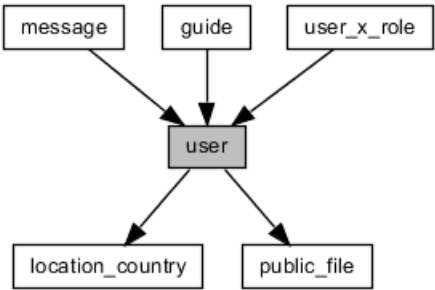
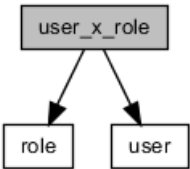| column	type	nullable	pkey	defaulted	referred	refer
id	bigint		V	V	[guide] id	
					[message] receiver_id	
					[message] sender_id	
					[user_x_role] user_id	
type	*user_type*					
email	character varying(100)	V				
first_name	character varying(100)	V				
middle_name	character varying(100)	V				
last_name	character varying(100)	V				
profile_image_id	bigint	V				*[public_file] id*
profile_description	text	V				
gender	*gender_type*	V				
mobile_country_id	bigint	V				*[location_country] id*
mobile	character varying(20)	V				
nationality_id	bigint	V				*[location_country] id*
account_status	*account_status_type*			V		
created_at	timestamp without time zone			V		
updated_at	timestamp without time zone	V				
deleted_at	timestamp without time zone	V				

unique key	columns		description	
user_pkey	id			

column	description
id	table identifier
created_at	timestamp when this record is created

column	description
updated_at	timestamp when this record is updated
deleted_at	present that this record is deleted

user_x_role

column	type	nullable	pkey	defaulted	referred	refer
id	bigint		V	V		
user_id	bigint					*[user] id*
role_id	bigint					*[role] id*
created_at	timestamp without time zone			V		
updated_at	timestamp without time zone	V				

unique key	columns	description
user_x_role_pkey	id	
user_x_role_user_id_role_id _key	user_id role_id	