

Mapa Itaipu



Dicionário de dados

13 janeiro, 2016

Histórico da Revisão

Data	Versão	Descrição	Autor
05/06/2014	1.0	Elaboração de documento	Marcos Luiz Wilhelm
01/07/2014	2.0	Atualização de documento para a segunda entrega	Marcos Luiz Wilhelm
22/01/2015	3.0	Atualização do documento para segunda entrega	Vinícius Ramos Kawamoto
13/01/2016	4.0	Atualização do documento	Emanuel Victor de Oliveira Fonseca

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PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval ('access_group_id_seq':regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	description	varchar	True	False	255				
False	name	varchar	True	False	144				

Constraints

Name	Type	Columns	Initial Code	Notes
access_group_pkey	Public	id		
uk_access_group_name	Public	name		

Relationships

Columns	Association	Notes
(access_group_id = id)	0..* access_group_tool. fk_access_group_tool_access_group_id 1 access_group.access_group_pkey	
(access_group_id = id)	0..* access_group_layer. fk_access_group_layer_access_group_id 1 access_group.access_group_pkey	
(access_group_id = id)	0..* access_group_user. fk_access_group_user_access_group_id 1 access_group.access_group_pkey	
(access_group_id = id)	0..* access_group_custom_search. fk_access_group_custom_search_access_group_id 1 access_group.access_group_pkey	

access_group_custom_search

Database: PostgreSQL, *Stereotype:* «table», *Package:* Modelo de dados

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval ('access_group_custom_search_id_seq':regclass)	
False	created	timestamp	True	False					

		p without time zone							
False	updated	timestam p without time zone	False	False					
False	access_group_id	bigint	False	False					
False	custom_search_id	bigint	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
access_group_custom_search_pkey	Public	id		
fk_access_group_custom_search_access_group_id	Public	access_group_id		
fk_access_group_custom_search_custom_search_id	Public	custom_search_id		

Relationships

Columns	Association	Notes
(access_group_id = id)	0..* access_group_custom_search. fk_access_group_custom_search_access_group_id 1 access_group.access_group_pkey	
(custom_search_id = id)	0..* access_group_custom_search. fk_access_group_custom_search_custom_search_id 1 custom_search.custom_search_pkey	

access_group_layer

Database: PostgreSQL, *Stereotype:* «table», *Package:* Modelo de dados

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval ('access_group_layer_id_seq'::regclass)	
False	created	timestam p without time zone	True	False					
False	updated	timestam p without time zone	False	False					
False	access_group_id	bigint	False	False					
False	layer_id	bigint	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
access_group_layer_pkey	Public	id		
fk_access_group_layer_access_group_id	Public	access_group_id		

Name	Type	Columns	Initial Code	Notes
fk_access_group_layer_layer_id	Public	layer_id		

Relationships

Columns	Association	Notes
(access_group_id = id)	0..* access_group_layer. fk_access_group_layer_access_group_id 1 access_group.access_group_pkey	
(layer_id = id)	0..* access_group_layer. fk_access_group_layer_layer_id 1 layer.layer_pkey	

access_group_tool

Database: PostgreSQL, *Stereotype*: «table», *Package*: Modelo de dados

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	access_group_id	bigint	True	True					
True	tool_id	bigint	True	True					

Constraints

Name	Type	Columns	Initial Code	Notes
access_group_tool_pkey	Public	access_group_id tool_id		
fk_access_group_tool_tool_id	Public	tool_id		
fk_access_group_tool_access_group_id	Public	access_group_id		

Relationships

Columns	Association	Notes
(tool_id = id)	0..* access_group_tool. fk_access_group_tool_tool_id 1 tool.tool_pkey	
(access_group_id = id)	0..* access_group_tool. fk_access_group_tool_access_group_id 1 access_group.access_group_pkey	

access_group_user

Database: PostgreSQL, *Stereotype*: «table», *Package*: Modelo de dados

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	access_group_id	bigint	True	True					
True	user_username	bigint	True	True					

Constraints

Name	Type	Columns	Initial Code	Notes
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Name	Type	Columns	Initial Code	Notes
access_group_user_pkey	Public	access_group_id user_username		
fk_access_group_user_user_username	Public	user_username		
fk_access_group_user_access_group_id	Public	access_group_id		

Relationships

Columns	Association	Notes
(access_group_id = id)	0..* access_group_user. fk_access_group_user_access_group_id 1 access_group.access_group_pkey	
(user_username = id)	0..* access_group_user. fk_access_group_user_user_username 1 user.user_pkey	

attribute

Database: PostgreSQL, *Stereotype:* «table», *Package:* Modelo de dados
Detail: Created on 23/01/2015. Last modified on 23/01/2015.
Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval (attribute_id_seq::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	attribute_default	boolean	False	False					
False	name	varchar	True	False	255				
False	required	boolean	True	False					
False	type	integer	True	False					
False	layer_id	bigint	False	False					
False	order_attribute	integer	False	False					
False	photo_album_id	bigint	False	False					
False	visible	boolean	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
attribute_pkey	Public	id		
fk_attribute_layer_id	Public	layer_id		

Relationships

Columns	Association	Notes
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Columns	Association	Notes
(layer_id = id)	0..* attribute. fk_attribute_layer_id 1 layer.layer_pkey	
(attribute_id = id)	0..* marker_attribute. fk_marker_attribute_attribute_id 1 attribute.attribute_pkey	

custom_search

Database: PostgreSQL, *Stereotype*: «table», *Package*: Modelo de dados

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('custom_search_id_seq'::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	name	varchar	True	False	144				
False	layer_id	bigint	True	False					

Constraints

Name	Type	Columns	Initial Code	Notes
custom_search_pkey	Public	id		
uk_custom_search_name	Public	name		
fk_custom_search_layer_id	Public	layer_id		

Relationships

Columns	Association	Notes
(layer_id = id)	0..* custom_search. fk_custom_search_layer_id 1 layer.layer_pkey	
(pesquisa_id = id)	0..* layer_field. fk_layer_field_pesquisa_id 1 custom_search.custom_search_pkey	
(custom_search_id = id)	0..* access_group_custom_search. fk_access_group_custom_search_custom_search_id 1 custom_search.custom_search_pkey	

data_source

Database: PostgreSQL, *Stereotype*: «table», *Package*: Modelo de dados

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('data_source_id_seq'::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	login	varchar	False	False	144				
False	name	varchar	True	False	144				
False	password	varchar	False	False	144				
False	url	varchar	False	False	255				

Constraints

Name	Type	Columns	Initial Code	Notes
data_source_pkey	Public	id		
uk_data_source_name	Public	name		

Relationships

Columns	Association	Notes
(data_source_id = id)	0..* layer. fk_layer_data_source_id 1 data_source.data_source_pkey	

layer

Database: PostgreSQL, *Stereotype*: «table», *Package*: Modelo de dados

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('layer_id_seq'::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	enabled	boolean	False	False					
False	icon	varchar	False	False	255				
False	maximum_scale_ma	integer	True	False					

	p								
False	minimum_scale_ma	integer	True	False					
False	p								
False	name	varchar	True	False	144				
False	order_layer	integer	False	False					
False	published	boolean	False	False					
False	start_enabled	boolean	True	False					
False	start_visible	boolean	True	False					
False	title	varchar	True	False	144				
False	data_source_id	bigint	False	False					
False	layer_group_id	bigint	False	False					
False	published_layer_id	bigint	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
layer_pkey	Public	id		
fk_layer_data_source_id	Public	data_source_id		
fk_layer_layer_group_id	Public	layer_group_id		
fk_layer_published_layer_id	Public	published_layer_id		

Relationships

Columns	Association	Notes
(data_source_id = id)	0..* layer. fk_layer_data_source_id 1 data_source.data_source_pkey	
(published_layer_id = id)	0..* layer. fk_layer_published_layer_id 1 layer.layer_pkey	
(layer_group_id = id)	0..* layer. fk_layer_layer_group_id 1 layer_group.layer_group_pkey	
(layer_id = id)	0..* attribute. fk_attribute_layer_id 1 layer.layer_pkey	
(layer_id = id)	0..* access_group_layer. fk_access_group_layer_layer_id 1 layer.layer_pkey	
(layer_id = id)	0..* marker. fk_marker_layer_id 1 layer.layer_pkey	
(published_layer_id = id)	0..* layer. fk_layer_published_layer_id 1 layer.layer_pkey	
(layer_id = id)	0..* custom_search. fk_custom_search_layer_id 1 layer.layer_pkey	

layer_field

Database: PostgreSQL, *Stereotype:* «table», *Package:* Modelo de dados

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('layer_field_id_seq'::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	attribute_id	bigint	False	False					
False	label	varchar	False	False	144				
False	name	varchar	True	False	144				
False	order_layer	integer	False	False					
False	type	integer	True	False					
False	pesquisa_id	bigint	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
layer_field_pkey	Public	id		
fk_layer_field_pesquisa_id	Public	pesquisa_id		

Relationships

Columns	Association	Notes
(pesquisa_id = id)	0..* layer_field. fk_layer_field_pesquisa_id 1 custom_search.custom_search_pkey	

layer_group

Database: PostgreSQL, *Stereotype:* «table», *Package:* Modelo de dados

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('layer_group_id_seq'::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	name	varchar	True	False	144				

False	order_layer_group	integer	False	False					
False	published	boolean	False	False					
False	draft_id	bigint	False	False					
False	layer_group_upper_id	bigint	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
layer_group_pkey	Public	id		
uk_layer_group_layer_group_upper_id_name	Public	name layer_group_upper_id		
fk_layer_group_draft_id	Public	draft_id		
fk_layer_group_layer_group_upper_id	Public	layer_group_upper_id		

Relationships

Columns	Association	Notes
(layer_group_upper_id = id)	0..* layer_group. fk_layer_group_layer_group_upper_id 1 layer_group.layer_group_pkey	
(draft_id = id)	0..* layer_group. fk_layer_group_draft_id 1 layer_group.layer_group_pkey	
(layer_group_upper_id = id)	0..* layer_group. fk_layer_group_layer_group_upper_id 1 layer_group.layer_group_pkey	
(draft_id = id)	0..* layer_group. fk_layer_group_draft_id 1 layer_group.layer_group_pkey	
(layer_group_id = id)	0..* layer. fk_layer_layer_group_id 1 layer_group.layer_group_pkey	

marker

Database: PostgreSQL, *Stereotype:* «table», *Package:* Modelo de dados

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval ('marker_id_seq'::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without	False	False					

		time zone							
False	deleted	boolean	False	False					
False	status	integer	True	False					
False	layer_id	bigint	False	False					
False	user_id	bigint	False	False					
False	location	geometry	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
marker_pkey	Public	id		
fk_marker_layer_id	Public	layer_id		
fk_marker_user_id	Public	user_id		

Relationships

Columns	Association	Notes
(layer_id = id)	0..* marker. fk_marker_layer_id 1 layer.layer_pkey	
(user_id = id)	0..* marker. fk_marker_user_id 1 user.user_pkey	
(marker_id = id)	0..* marker_attribute. fk_marker_attribute_marker_id 1 marker.marker_pkey	
(marker_id = id)	0..* marker_moderation. fk_marker_moderation_marker_id 1 marker.marker_pkey	

marker_attribute

Database: PostgreSQL, *Stereotype:* «table», *Package:* Modelo de dados

Detail: Created on 23/01/2015. Last modified on 13/01/2016.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('marker_attribute_id_seq'::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	value	varchar	True	False	255				
False	attribute_id	bigint	False	False					
False	marker_id	bigint	False	False					
False	photo_album_id	bigint	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
FK_marker_attribute_photo_album	Public	photo_album_id		
IXFK_marker_attribute_photo_album	Public	photo_album_id		
marker_attribute_pkey	Public	id		
fk_marker_attribute_attribute_id	Public	attribute_id		
fk_marker_attribute_marker_id	Public	marker_id		

Relationships

Columns	Association	Notes
(attribute_id = id)	0..* marker_attribute. fk_marker_attribute_attribute_id 1 attribute.attribute_pkey	
(marker_id = id)	0..* marker_attribute. fk_marker_attribute_marker_id 1 marker.marker_pkey	
(photo_album_id = id)	0..* marker_attribute. FK_marker_attribute_photo_album 1 photo_album.PK_photo_album	
(marker_attribute_id = id)	0..* photo_album. FK_photo_album_marker_attribute 1 marker_attribute.marker_attribute_pkey	

marker_moderation

Database: PostgreSQL, *Stereotype:* «table», *Package:* Modelo de dados

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('marker_moderation_id_seq'::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	marker_id	bigint	True	False					
False	status	integer	True	False					

Constraints

Name	Type	Columns	Initial Code	Notes
marker_moderation_pkey	Public	id		

Name	Type	Columns	Initial Code	Notes
fk_marker_moderation_marker_id	Public	marker_id		

Relationships

Columns	Association	Notes
(marker_id = id)	0..* marker_moderation. fk_marker_moderation_marker_id 1 marker.marker_pkey	
(marker_moderation_id = id)	0..* motive_marker_moderation. fk_motive_marker_moderation_marker_moderation_id 1 marker_moderation.marker_moderation_pkey	

motive

Database: PostgreSQL, *Stereotype:* «table», *Package:* Modelo de dados

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval ('motive_id_seq':regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	name	varchar	True	False	255				

Constraints

Name	Type	Columns	Initial Code	Notes
motive_pkey	Public	id		

Relationships

Columns	Association	Notes
(motive_id = id)	0..* motive_marker_moderation. fk_motive_marker_moderation_motive_id 1 motive.motive_pkey	

motive_marker_moderation

Database: PostgreSQL, *Stereotype:* «table», *Package:* Modelo de dados

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval ('motive')	

								e_mark er_mo deratio n_id_s eq':reg class)	
False	created	timestam p without time zone	True	False					
False	updated	timestam p without time zone	False	False					
False	marker_moderation_ id	bigint	False	False					
False	motive_id	bigint	False	False					
False	description	varchar	True	False	255				

Constraints

Name	Type	Columns	Initial Code	Notes
motive_marker_moderation_ pkey	Public	id		
fk_motive_marker_moderatio n_marker_moderation_id	Public	marker_moderation_ id		
fk_motive_marker_moderatio n_motive_id	Public	motive_id		

Relationships

Columns	Association	Notes
(motive_id = id)	0..* motive_marker_moderation. fk_motive_marker_moderation_motive_id 1 motive.motive_pkey	
(marker_moderation_id = id)	0..* motive_marker_moderation. fk_motive_marker_moderation_marker_moderation_id 1 marker_moderation.marker_moderation_pkey	

photo

Database: PostgreSQL, *Stereotype:* «table», *Package:* Modelo de dados

Detail: Created on 03/12/2015. Last modified on 03/12/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	False					
False	identifer	varchar	False	False	50				
False	created	timestam p	False	False					
False	updated	timestam p	False	False					
False	photo_album_id	bigint	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
FK_photo_photo_album	Public	photo_album_id		

Name	Type	Columns	Initial Code	Notes
IXFK_photo_photo_album	Public	id		
IXFK_photo_photo_album_02	Public	photo_album_id		
PK_photo	Public	id		

Relationships

Columns	Association	Notes
(photo_album_id = id)	0..* photo. FK_photo_photo_album 1 photo_album.PK_photo_album	

photo_album

Database: PostgreSQL, *Stereotype:* «table», *Package:* Modelo de dados

Detail: Created on 03/12/2015. Last modified on 03/12/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	False					
False	created	timestam p	False	False					
False	updated	timestam p	False	False					
False	attribute_id	bigint	False	False					
False	identifer	varchar	False	False	255				
False	marker_attribute_id	bigint	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
FK_photo_album_marker_attribute	Public	marker_attribute_id		
IXFK_photo_album_attribute	Public	id		
IXFK_photo_album_marker_attribute	Public	marker_attribute_id		
PK_photo_album	Public	id		

Relationships

Columns	Association	Notes
(marker_attribute_id = id)	0..* photo_album. FK_photo_album_marker_attribute 1 marker_attribute.marker_attribute_pkey	
(photo_album_id = id)	0..* photo. FK_photo_photo_album 1 photo_album.PK_photo_album	
(photo_album_id = id)	0..* marker_attribute. FK_marker_attribute_photo_album 1 photo_album.PK_photo_album	

tool

Database: PostgreSQL, *Stereotype:* «table», *Package:* Modelo de dados
Detail: Created on 23/01/2015. Last modified on 23/01/2015.
Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('tool_id_seq':regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	description	varchar	True	False	255				
False	name	varchar	True	False	144				

Constraints

Name	Type	Columns	Initial Code	Notes
tool_pkey	Public	id		
uk_tool_name	Public	name		

Relationships

Columns	Association	Notes
(tool_id = id)	0..* access_group_tool. fk_access_group_tool_tool_id 1 tool.tool_pkey	

user

Database: PostgreSQL, *Stereotype:* «table», *Package:* Modelo de dados
Detail: Created on 23/01/2015. Last modified on 23/01/2015.
Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('user_id_seq':regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	email	varchar	True	False	144				
False	enabled	boolean	True	False					
False	name	varchar	True	False	50				
False	password	varchar	True	False	100				

False	role	integer	True	False					
False	coordinates	integer	False	False					
False	background_map	integer	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
user_pkey	Public	id		
uk_user_email	Public	email		

Relationships

Columns	Association	Notes
(user_id = id)	0..* marker. fk_marker_user_id 1 user.user_pkey	
(user_username = id)	0..* access_group_user. fk_access_group_user_user_username 1 user.user_pkey	
(user_id = id)	0..* user_social_connection. fk_user_social_connection_user_id 1 user.user_pkey	

user_social_connection

Database: PostgreSQL, *Stereotype:* «table», *Package:* Modelo de dados

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('user_social_connection_id_seq'::regclass)	
False	access_token	varchar	True	False	255				
False	display_name	varchar	False	False	255				
False	expire_time	bigint	False	False					
False	image_url	varchar	False	False	512				
False	profile_url	varchar	False	False	512				
False	provider_id	varchar	True	False	255				
False	provider_user_id	varchar	False	False	255				
False	rank	integer	True	False					
False	refresh_token	varchar	False	False	255				
False	secret	varchar	False	False	255				
False	user_id	bigint	True	False					

Constraints

Name	Type	Columns	Initial Code	Notes
user_social_connection_pkey	Public	id		
uk_user_social_connection_p	Public	user_id		

Name	Type	Columns	Initial Code	Notes
provider_id_rank_user_id		provider_id rank		
fk_user_social_connection_user_id	Public	user_id		

Relationships

Columns	Association	Notes
(user_id = id)	0..* user_social_connection. fk_user_social_connection_user_id 1 user.user_pkey	

Entrega 01

Type:

Package

Package:

Modelo de dados

Detail:

Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Entrega 01

Created By:

Vinicius Kawamoto on 23/01/2015

Last Modified:

23/01/2015, Version: 1.0

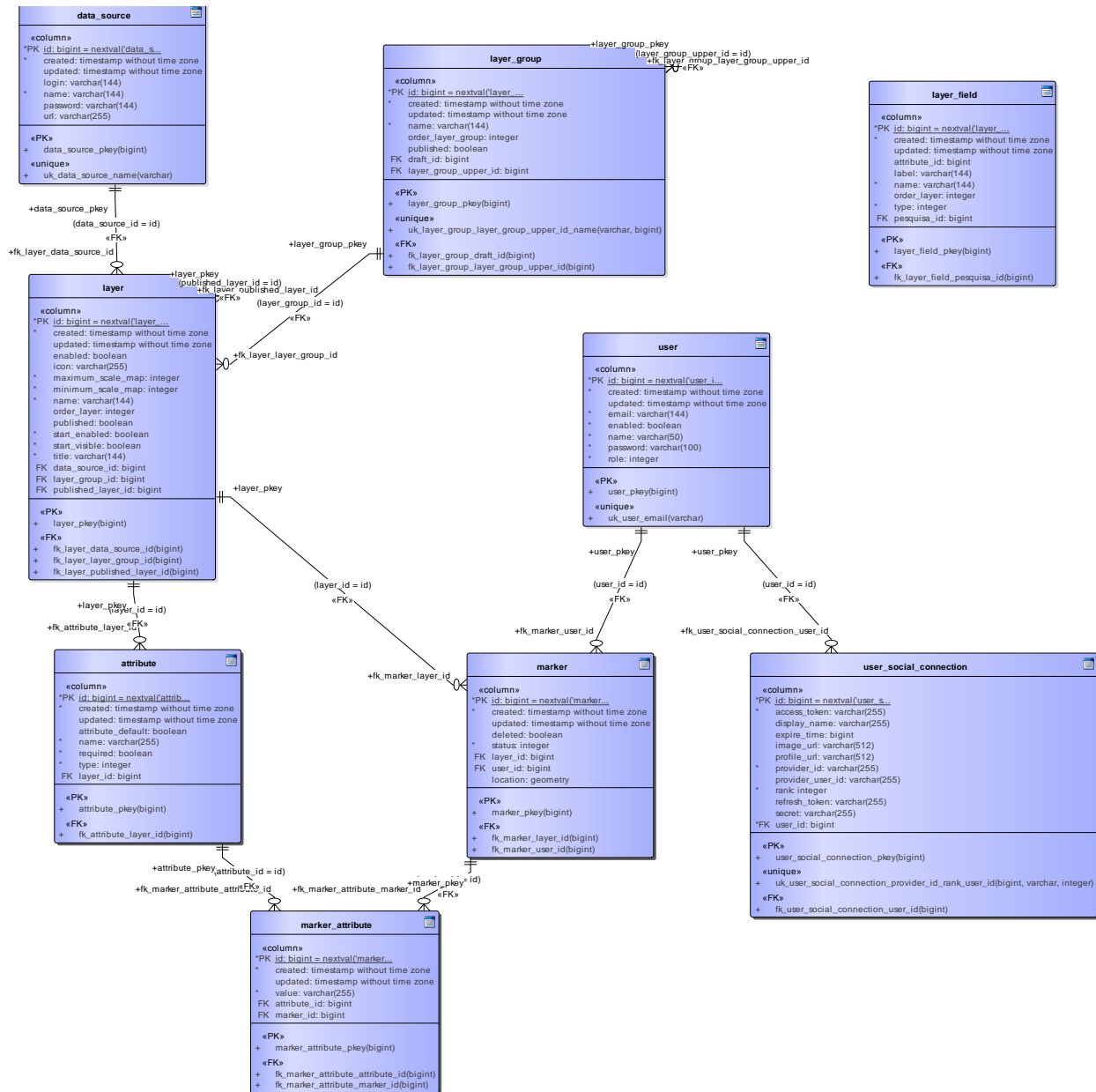


Figure: 2

attribute

Database: PostgreSQL, *Stereotype:* «table», *Package:* Entrega 01

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval ('attrib ute_id_ seq'::re gclass)	

False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	attribute_default	boolean	False	False					
False	name	varchar	True	False	255				
False	required	boolean	True	False					
False	type	integer	True	False					
False	layer_id	bigint	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
attribute_pkey	Public	id		
fk_attribute_layer_id	Public	layer_id		

Relationships

Columns	Association	Notes
(layer_id = id)	0..* attribute. fk_attribute_layer_id 1 layer.layer_pkey	
(attribute_id = id)	0..* marker_attribute. fk_marker_attribute_attribute_id 1 attribute.attribute_pkey	

data_source

Database: PostgreSQL, *Stereotype:* «table», *Package:* Entrega 01

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval ('data_source_id_seq'::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	login	varchar	False	False	144				
False	name	varchar	True	False	144				
False	password	varchar	False	False	144				
False	url	varchar	False	False	255				

Constraints

Name	Type	Columns	Initial Code	Notes
data_source_pkey	Public	id		

Name	Type	Columns	Initial Code	Notes
uk_data_source_name	Public	name		

Relationships

Columns	Association	Notes
(data_source_id = id)	0..* layer. fk_layer_data_source_id 1 data_source.data_source_pkey	

layer

Database: PostgreSQL, *Stereotype:* «table», *Package:* Entrega 01

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('layer_id_seq'::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	enabled	boolean	False	False					
False	icon	varchar	False	False	255				
False	maximum_scale_map	integer	True	False					
False	minimum_scale_map	integer	True	False					
False	name	varchar	True	False	144				
False	order_layer	integer	False	False					
False	published	boolean	False	False					
False	start_enabled	boolean	True	False					
False	start_visible	boolean	True	False					
False	title	varchar	True	False	144				
False	data_source_id	bigint	False	False					
False	layer_group_id	bigint	False	False					
False	published_layer_id	bigint	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
layer_pkey	Public	id		
fk_layer_data_source_id	Public	data_source_id		
fk_layer_layer_group_id	Public	layer_group_id		
fk_layer_published_layer_id	Public	published_layer_id		

Name	Type	Columns	Initial Code	Notes

Relationships

Columns	Association	Notes
(data_source_id = id)	0..* layer. fk_layer_data_source_id 1 data_source.data_source_pkey	
(layer_group_id = id)	0..* layer. fk_layer_layer_group_id 1 layer_group.layer_group_pkey	
(published_layer_id = id)	0..* layer. fk_layer_published_layer_id 1 layer.layer_pkey	
(layer_id = id)	0..* marker. fk_marker_layer_id 1 layer.layer_pkey	
(layer_id = id)	0..* attribute. fk_attribute_layer_id 1 layer.layer_pkey	
(published_layer_id = id)	0..* layer. fk_layer_published_layer_id 1 layer.layer_pkey	

layer_field

Database: PostgreSQL, *Stereotype:* «table», *Package:* Entrega 01

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval ('layer_field_id_seq' ::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	attribute_id	bigint	False	False					
False	label	varchar	False	False	144				
False	name	varchar	True	False	144				
False	order_layer	integer	False	False					
False	type	integer	True	False					
False	pesquisa_id	bigint	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
layer_field_pkey	Public	id		
fk_layer_field_pesquisa_id	Public	pesquisa_id		

Name	Type	Columns	Initial Code	Notes

layer_group

Database: PostgreSQL, *Stereotype:* «table», *Package:* Entrega 01

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('layer_group_id_seq'::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	name	varchar	True	False	144				
False	order_layer_group	integer	False	False					
False	published	boolean	False	False					
False	draft_id	bigint	False	False					
False	layer_group_upper_id	bigint	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
layer_group_pkey	Public	id		
uk_layer_group_layer_group_upper_id_name	Public	name layer_group_upper_id		
fk_layer_group_draft_id	Public	draft_id		
fk_layer_group_layer_group_upper_id	Public	layer_group_upper_id		

Relationships

Columns	Association	Notes
(layer_group_upper_id = id)	0..* layer_group. fk_layer_group_layer_group_upper_id 1 layer_group.layer_group_pkey	
(draft_id = id)	0..* layer_group. fk_layer_group_draft_id 1 layer_group.layer_group_pkey	
(layer_group_id = id)	0..* layer. fk_layer_layer_group_id 1 layer_group.layer_group_pkey	

Columns	Association	Notes
(layer_group_upper_id = id)	0..* layer_group. fk_layer_group_layer_group_upper_id 1 layer_group.layer_group_pkey	
(draft_id = id)	0..* layer_group. fk_layer_group_draft_id 1 layer_group.layer_group_pkey	

marker

Database: PostgreSQL, *Stereotype*: «table», *Package*: Entrega 01

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval ('mark er_id_s eq'::reg class)	
False	created	timestam p without time zone	True	False					
False	updated	timestam p without time zone	False	False					
False	deleted	boolean	False	False					
False	status	integer	True	False					
False	layer_id	bigint	False	False					
False	user_id	bigint	False	False					
False	location	geometry	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
marker_pkey	Public	id		
fk_marker_layer_id	Public	layer_id		
fk_marker_user_id	Public	user_id		

Relationships

Columns	Association	Notes
(layer_id = id)	0..* marker. fk_marker_layer_id 1 layer.layer_pkey	
(user_id = id)	0..* marker. fk_marker_user_id 1 user.user_pkey	
(marker_id = id)	0..* marker_attribute. fk_marker_attribute_marker_id 1 marker.marker_pkey	

marker_attribute

Database: PostgreSQL, *Stereotype:* «table», *Package:* Entrega 01
Detail: Created on 23/01/2015. Last modified on 23/01/2015.
Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('marker_attribute_id_seq'::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	value	varchar	True	False	255				
False	attribute_id	bigint	False	False					
False	marker_id	bigint	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
marker_attribute_pkey	Public	id		
fk_marker_attribute_attribute_id	Public	attribute_id		
fk_marker_attribute_marker_id	Public	marker_id		

Relationships

Columns	Association	Notes
(marker_id = id)	0..* marker_attribute. fk_marker_attribute_marker_id 1 marker.marker_pkey	
(attribute_id = id)	0..* marker_attribute. fk_marker_attribute_attribute_id 1 attribute.attribute_pkey	

user

Database: PostgreSQL, *Stereotype:* «table», *Package:* Entrega 01
Detail: Created on 23/01/2015. Last modified on 23/01/2015.
Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('user_id_seq'::regclass)	
False	created	timestamp without	True	False					

		time zone							
False	updated	timestamp without time zone	False	False					
False	email	varchar	True	False	144				
False	enabled	boolean	True	False					
False	name	varchar	True	False	50				
False	password	varchar	True	False	100				
False	role	integer	True	False					

Constraints

Name	Type	Columns	Initial Code	Notes
user_pkey	Public	id		
uk_user_email	Public	email		

Relationships

Columns	Association	Notes
(user_id = id)	0..* marker. fk_marker_user_id 1 user.user_pkey	
(user_id = id)	0..* user_social_connection. fk_user_social_connection_user_id 1 user.user_pkey	

user_social_connection

Database: PostgreSQL, *Stereotype:* «table», *Package:* Entrega 01

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('user_social_connection_id_seq'::regclass)	
False	access_token	varchar	True	False	255				
False	display_name	varchar	False	False	255				
False	expire_time	bigint	False	False					
False	image_url	varchar	False	False	512				
False	profile_url	varchar	False	False	512				
False	provider_id	varchar	True	False	255				
False	provider_user_id	varchar	False	False	255				
False	rank	integer	True	False					
False	refresh_token	varchar	False	False	255				
False	secret	varchar	False	False	255				
False	user_id	bigint	True	False					

Constraints

Name	Type	Columns	Initial Code	Notes
user_social_connection_pkey	Public	id		
uk_user_social_connection_provider_id_rank_user_id	Public	user_id provider_id rank		
fk_user_social_connection_user_id	Public	user_id		

Relationships

Columns	Association	Notes
(user_id = id)	0..* user_social_connection. fk_user_social_connection_user_id 1 user.user_pkey	

Entrega 02

Type:

Package

Package:

Modelo de dados

Detail:

Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Entrega 02

Created By: Vinicius Kawamoto on 23/01/2015

Last Modified: 23/01/2015, Version: 1.0

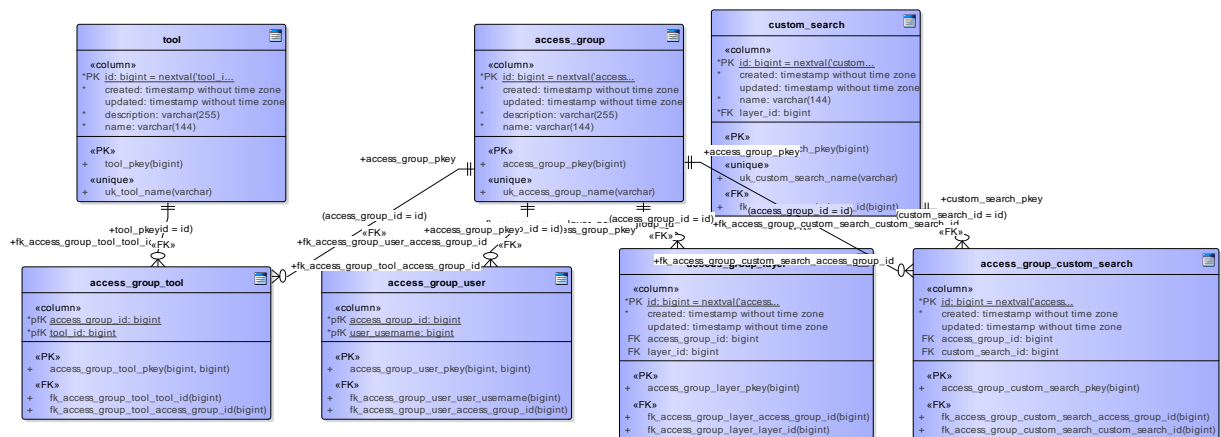


Figure: 3

access_group

Database:

PostgreSQL, Stereotype: «table», Package: Entrega 02

Detail:

Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('access_group_id_seq')	

								eq'::reg class)	
False	created	timestam p without time zone	True	False					
False	updated	timestam p without time zone	False	False					
False	description	varchar	True	False	255				
False	name	varchar	True	False	144				

Constraints

Name	Type	Columns	Initial Code	Notes
access_group_pkey	Public	id		
uk_access_group_name	Public	name		

Relationships

Columns	Association	Notes
(access_group_id = id)	0..* access_group_user. fk_access_group_user_access_group_id 1 access_group.access_group_pkey	
(access_group_id = id)	0..* access_group_layer. fk_access_group_layer_access_group_id 1 access_group.access_group_pkey	
(access_group_id = id)	0..* access_group_tool. fk_access_group_tool_access_group_id 1 access_group.access_group_pkey	
(access_group_id = id)	0..* access_group_custom_search. fk_access_group_custom_search_access_group_id 1 access_group.access_group_pkey	

access_group_custom_search

Database: PostgreSQL, *Stereotype:* «table», *Package:* Entrega 02

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval ('acces s_grou p_cust om_se arch_id _seq'::r egclass)	
False	created	timestam p without time zone	True	False					
False	updated	timestam p without time zone	False	False					

False	access_group_id	bigint	False	False					
False	custom_search_id	bigint	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
access_group_custom_search_pkey	Public	id		
fk_access_group_custom_search_access_group_id	Public	access_group_id		
fk_access_group_custom_search_custom_search_id	Public	custom_search_id		

Relationships

Columns	Association	Notes
(custom_search_id = id)	0..* access_group_custom_search. fk_access_group_custom_search_custom_search_id 1 custom_search.custom_search_pkey	
(access_group_id = id)	0..* access_group_custom_search. fk_access_group_custom_search_access_group_id 1 access_group.access_group_pkey	

access_group_layer

Database: PostgreSQL, *Stereotype:* «table», *Package:* Entrega 02

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('access_group_layer_id_seq'::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	access_group_id	bigint	False	False					
False	layer_id	bigint	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
access_group_layer_pkey	Public	id		
fk_access_group_layer_access_group_id	Public	access_group_id		
fk_access_group_layer_layer_id	Public	layer_id		

Relationships

Columns	Association	Notes
---------	-------------	-------

Columns	Association	Notes
(access_group_id = id)	0..* access_group_layer. fk_access_group_layer_access_group_id 1 access_group.access_group_pkey	

access_group_tool

Database: PostgreSQL, *Stereotype:* «table», *Package:* Entrega 02

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	access_group_id	bigint	True	True					
True	tool_id	bigint	True	True					

Constraints

Name	Type	Columns	Initial Code	Notes
access_group_tool_pkey	Public	access_group_id tool_id		
fk_access_group_tool_tool_id	Public	tool_id		
fk_access_group_tool_access_group_id	Public	access_group_id		

Relationships

Columns	Association	Notes
(access_group_id = id)	0..* access_group_tool. fk_access_group_tool_access_group_id 1 access_group.access_group_pkey	
(tool_id = id)	0..* access_group_tool. fk_access_group_tool_tool_id 1 tool.tool_pkey	

access_group_user

Database: PostgreSQL, *Stereotype:* «table», *Package:* Entrega 02

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	access_group_id	bigint	True	True					
True	user_username	bigint	True	True					

Constraints

Name	Type	Columns	Initial Code	Notes
access_group_user_pkey	Public	access_group_id user_username		
fk_access_group_user_user_username	Public	user_username		
fk_access_group_user_access_group_id	Public	access_group_id		

Relationships

Columns	Association	Notes
(access_group_id = id)	0..* access_group_user. fk_access_group_user_access_group_id 1 access_group.access_group_pkey	

custom_search

Database: PostgreSQL, *Stereotype:* «table», *Package:* Entrega 02

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval ('custom_search_id_seq':regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	name	varchar	True	False	144				
False	layer_id	bigint	True	False					

Constraints

Name	Type	Columns	Initial Code	Notes
custom_search_pkey	Public	id		
uk_custom_search_name	Public	name		
fk_custom_search_layer_id	Public	layer_id		

Relationships

Columns	Association	Notes
(custom_search_id = id)	0..* access_group_custom_search. fk_access_group_custom_search_custom_search_id 1 custom_search.custom_search_pkey	

tool

Database: PostgreSQL, *Stereotype:* «table», *Package:* Entrega 02

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval (('tool_id_seq':regcla	

								ss)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	description	varchar	True	False	255				
False	name	varchar	True	False	144				

Constraints

Name	Type	Columns	Initial Code	Notes
tool_pkey	Public	id		
uk_tool_name	Public	name		

Relationships

Columns	Association	Notes
(tool_id = id)	0..* access_group_tool. fk_access_group_tool_tool_id 1 tool.tool_pkey	

Entrega 03*Type:***Package***Package:*

Modelo de dados

Detail:

Created on 23/01/2015. Last modified on 23/01/2015.

*Notes:***Entrega 03***Created By:*

Vinicius Kawamoto on 23/01/2015

*Last Modified:*23/01/2015, *Version:* 1.0

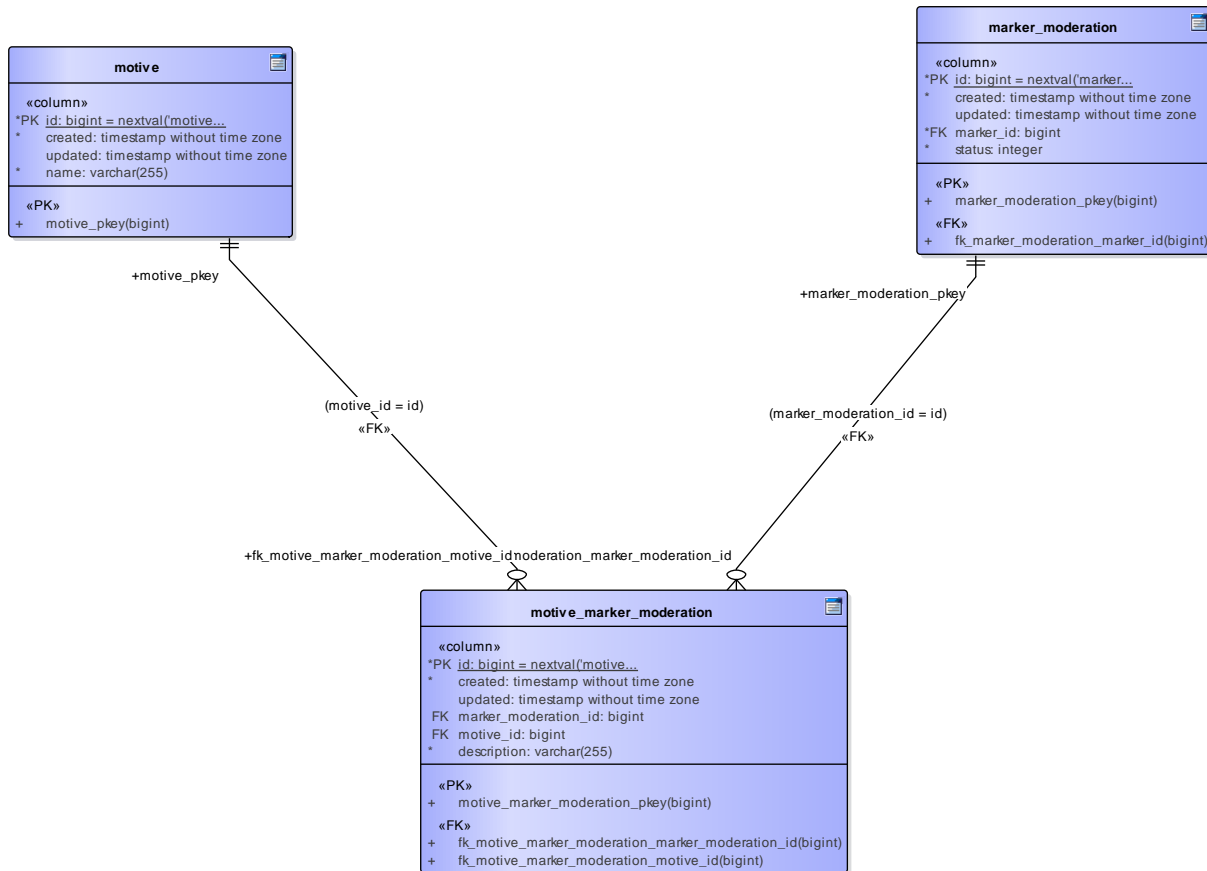


Figure: 4

marker_moderation

Database: PostgreSQL, *Stereotype*: «table», *Package*: Entrega 03

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval('marker_moderation_id_seq'::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	marker_id	bigint	True	False					
False	status	integer	True	False					

Constraints

Name	Type	Columns	Initial Code	Notes
marker_moderation_pkey	Public	id		
fk_marker_moderation_marker_id	Public	marker_id		

Relationships

Columns	Association	Notes
(marker_moderation_id = id)	0..* motive_marker_moderation. fk_motive_marker_moderation_marker_moderation_id 1 marker_moderation.marker_moderation_pkey	

motive

Database: PostgreSQL, *Stereotype*: «table», *Package*: Entrega 03

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval ('motive_id_seq'::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	name	varchar	True	False	255				

Constraints

Name	Type	Columns	Initial Code	Notes
motive_pkey	Public	id		

Relationships

Columns	Association	Notes
(motive_id = id)	0..* motive_marker_moderation. fk_motive_marker_moderation_motive_id 1 motive.motive_pkey	

motive_marker_moderation

Database: PostgreSQL, *Stereotype*: «table», *Package*: Entrega 03

Detail: Created on 23/01/2015. Last modified on 23/01/2015.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	True				nextval ('motive_mark	

								er_moderation_id_seq'::regclass)	
False	created	timestamp without time zone	True	False					
False	updated	timestamp without time zone	False	False					
False	marker_moderation_id	bigint	False	False					
False	motive_id	bigint	False	False					
False	description	varchar	True	False	255				

Constraints

Name	Type	Columns	Initial Code	Notes
motive_marker_moderation_pkey	Public	id		
fk_motive_marker_moderation_marker_moderation_id	Public	marker_moderation_id		
fk_motive_marker_moderation_motive_id	Public	motive_id		

Relationships

Columns	Association	Notes
(motive_id = id)	0..* motive_marker_moderation. fk_motive_marker_moderation_motive_id 1 motive.motive_pkey	
(marker_moderation_id = id)	0..* motive_marker_moderation. fk_motive_marker_moderation_marker_moderation_id 1 marker_moderation.marker_moderation_pkey	

Entrega 04*Type:***Package***Package:*

Modelo de dados

Detail:

Created on 13/01/2016. Last modified on 13/01/2016.

*Notes:***Entrega 04***Created By:*

Emanuel Fonseca on 13/01/2016

*Last Modified:*13/01/2016, *Version:*1.0

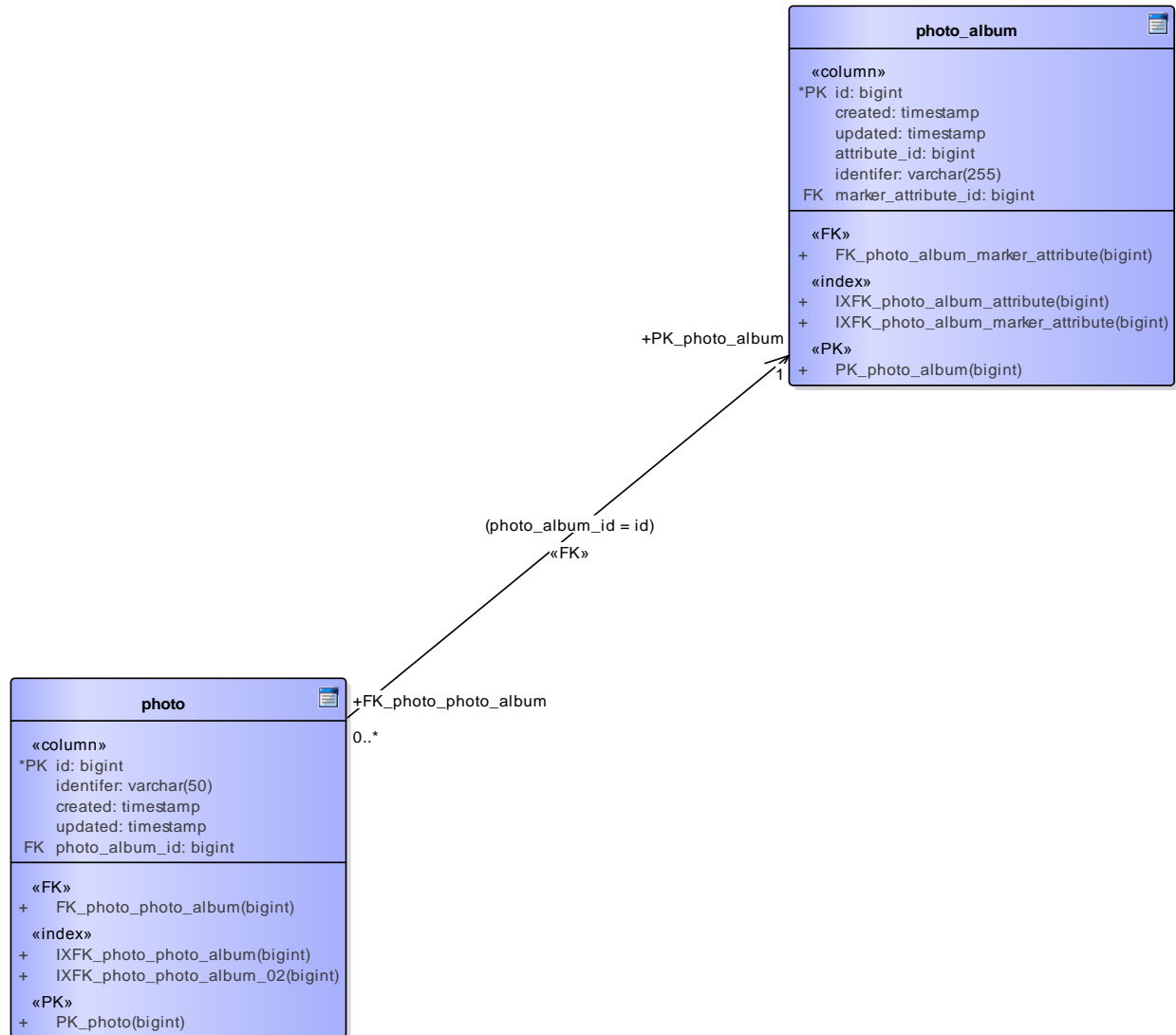


Figure: 5

photo

Database: PostgreSQL, *Stereotype:* «table», *Package:* Entrega 04

Detail: Created on 13/01/2016. Last modified on 13/01/2016.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	False					
False	identifer	varchar	False	False	50				
False	created	timestam p	False	False					
False	updated	timestam p	False	False					
False	photo_album_id	bigint	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
FK_photo_photo_album	Public	photo_album_id		
IXFK_photo_photo_album	Public	id		
IXFK_photo_photo_album_02	Public	photo_album_id		
PK_photo	Public	id		

Relationships

Columns	Association	Notes
(photo_album_id = id)	0..* photo. FK_photo_photo_album 1 photo_album.PK_photo_album	

photo_album

Database: PostgreSQL, *Stereotype*: «table», *Package*: Entrega 04

Detail: Created on 13/01/2016. Last modified on 13/01/2016.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
True	id	bigint	True	False					
False	created	timestam p	False	False					
False	updated	timestam p	False	False					
False	attribute_id	bigint	False	False					
False	identifer	varchar	False	False	255				
False	marker_attribute_id	bigint	False	False					

Constraints

Name	Type	Columns	Initial Code	Notes
FK_photo_album_marker_attribute	Public	marker_attribute_id		
IXFK_photo_album_attribute	Public	id		
IXFK_photo_album_marker_attribute	Public	marker_attribute_id		
PK_photo_album	Public	id		

Relationships

Columns	Association	Notes
(photo_album_id = id)	0..* photo. FK_photo_photo_album 1 photo_album.PK_photo_album	