



Default Layout

Table animal		
Idx	Name	Data Type
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY
*	sex_id	integer
*	race_id	bigint
*	procedence_type_id	integer
	name	varchar(100)
*	colour	varchar(100)
Indexes		
Type	Name	On
Pk	pk_animal	id
Foreign Keys		
Type	Name	On
	fk_animal_sex (sex_id) ref sex (id)	
	fk_animal_race (race_id) ref breed (id)	
	fk_animal_procedence_type (procedence_type_id) ref procedence_type (id)	

Table animal_photos		
Idx	Name	Data Type
* Pk	id	bigint
*	animal_id	bigint
*	url	varchar(255)
Indexes		
Type	Name	On
Pk	pk_animal_photis	id
Foreign Keys		
Type	Name	On
	fk_animal_photis_animal (animal_id) ref animal (id)	

Table animal_status		
Idx	Name	Data Type
* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY
*	name	varchar(100)
Indexes		
Type	Name	On
Pk	pk_animal_status	id

Table animal_status_hist		
Idx	Name	Data Type
* Pk	animal_id	bigint
*	status_id	integer
* Pk	date_from	date
	date_to	date
Indexes		
Type	Name	On
Pk	pk_animal_status_hist	animal_id, date_from
Foreign Keys		

Table animal_status_hist

Type	Name	On
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	fk_animal_status_hist_animal (animal_id) ref animal (id)	
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	fk_animal_status_hist (status_id) ref animal_status (id)	
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Table appointment

Idx	Name	Data Type
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* Pk	customer_id	bigint
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* Pk	appointment_date	timestamp
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	animal_id	bigint
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Indexes

Type	Name	On
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Pk	pk_appointment	customer_id, appointment_date
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Foreign Keys

Type	Name	On
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	fk_appointment_customer (customer_id) ref customer (id)	
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	fk_appointment_animal (animal_id) ref animal (id)	
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Table breed

Idx	Name	Data Type	Description
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* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY	
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*	is_exotic	boolean	
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*	name	varchar(100)	
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*	space_need	varchar(100)	define data type after seeing more data
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*	activity_need	varchar(100)	define data type after seeing more data
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*	alimentation_need	varchar(100)	define data type after seeing more data
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*	dangerous_race	boolean	defines if this race is catalogued as a dangerous race or not
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*	time_dedication_need	varchar(100)	define data type when seeing more data
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Indexes

Type	Name	On	Description
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Pk	pk_race	id	
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Table customer

Idx	Name	Data Type
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* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY
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*	doc_type_id	integer
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* Unq	doc_number	varchar(100)
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*	name	varchar(100)
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*	surname	varchar(100)
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*	user_alias	varchar(100)
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*	date_birth	date
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*	banned	boolean DEFAULT FALSE
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*	email	varchar(255)
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*	phone1	varchar(20)
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	phone2	varchar(20)
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*	address	bigint
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Indexes

Type	Name	On
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Table customer

Pk	pk_customer	id
Unq	unq_customer	doc_number

Table customer_pwd

Idx	Name	Data Type
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY
*	customer_id	bigint
*	pwd	varchar(255)

Indexes

Type	Name	On
Pk	pk_customer_pwd	id

Foreign Keys

Type	Name	On
	fk_customer_pwd_customer (customer_id) ref customer (id)	

Table procedence_type

Idx	Name	Data Type
* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY
*	name	varchar(100)

Indexes

Type	Name	On
Pk	pk_procedence_type	id

Table sex

Idx	Name	Data Type
* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY
*	name	varchar(100)

Indexes

Type	Name	On
Pk	pk_sex	id