DATAMODEL SOLIDATA V1 05/12/2018

root_field	sub_field 1	sub_field 2	value_type
infos			
	title		<str>
	description		<str>
	licence		<choice>
	name		<str>
	surname		<str>
	email		<str>
	pseudo		<str>
public_auth			
	open_level_edit		<choice>
	open_level_show		<choice>
specs			
	doc_type		<choice>
	src_link		<filename|uri>
	src_parser		<str>
	src_type		<choice>
	child_of_dmt		<dmt_oid>
	parent_of_dmt		<dmt_oid>
	child_of_tag [ ]		<tag_oid>
	parent_of_tag [ ]		<tag_oid>
modif_log [ ]			
	modif_at		<date>
	modif_for		<str>
	modif_by		<usr_oid>
	modif_val		<str>
log			
	created_at		<date>
	created_by		<usr_oid>
	login_count		<int>
	is_running		<bool>
	is_loaded		<bool>
	is_linked_to_src		<bool>
uses			
	by_usr [ ]	used_by	<oid>
		used_at [ ]	<date>
	by_dmt [ ]	used_by	<oid>
		used_at [ ]	<date>
	by_dsi [ ]	used_by	<oid>
		used_at [ ]	<date>
	by_dso [ ]	used_by	<oid>
		used_at [ ]	<date>
	by_prj [ ]	used_by	<oid>
		used_at [ ]	<date>
		used_as	<choice>
datasets			
	tag_list [ ]	oid_tag	<oid_tag>
		added_at	<date>
		added_by	<usr_oid>
	prj_list [ ]	oid_prj	<oid_prj>
		added_at	<date>
		added_by	<usr_oid>
		is_fav	<bool>
	dmt_list [ ]	oid_dmt	<oid_dmt>
		added_at	<date>
		added_by	<usr_oid>
		is_fav	<bool>
	dmf_list [ ]	oid_dmf	<oid_dmf>
		added_at	<date>
		added_by	<usr_oid>
	dsi_list [ ]	oid_dsi	<oid_dsi>
		added_at	<date>
		added_by	<usr_oid>
		is_fav	<bool>
	dsr_list [ ]	oid_dsr	<oid_dsr>
		added_at	<date>
		added_by	<usr_oid>
		open_level	<choice>
	dso_list [ ]	oid_dso	<oid_dsi>
		added_at	<date>
		added_by	<usr_oid>
	rec_list [ ]	oid_rec	<oid_rec>
		added_at	<date>
		added_by	<usr_oid>
		is_fav	<bool>
	func_list [ ]	oid_func	<oid_func>
		added_at	<date>
		added_by	<usr_oid>
translations [ ]			
	locale		<str>
	field		<str>
	text		<str>
team [ ]			
	oid_usr		<oid_usr>
	added_at		<date>
	added_by		<usr_oid>
	edit_auth		<choice>
mapping			
	dsi_to_dmf [ ]	oid_dsi	<oid_dsi>
		col_index	<col_index>
		oid_dmt	<oid_dmt>
		oid_dmf	<oid_dmf>
		visible_dmf_list [ ]	<dmf_oid>
	rec_to_dmf [ ]	oid_rec	<oid_rec>
		oid_func	<oid_func>
		oid_dmt	<oid_dmt>
		oid_dmf	<oid_dmf>
		params	<raw_data>
	rec_to_func [ ]	oid_func	<oid_func>
		params [ ]	<raw_data>
data_raw			
	f_code		<str>
	f_object		<str>
	f_type		<choice>
	f_comments		<str>
	f_is_required		<bool>
	f_data [ ]		<data>
	f_col_headers [ ]		<data>
profile			
	lang		<choice>
	usr_profiles [ ]		<choice>
professional_infos			
	user_professional_infos [ ]	struct_name	<str>
		struct_url	<url>
		struct_profile	<choice>

API - 0 V V V — open_level_edit / open_level_show — **private / commons**

USR — POST GET PUT — <oid_usr> — store users

root_field	CREATE	LIST	EDIT	sub_field 1	sub_field 2	value_type
infos	CR	LI	ED	4		4
	U	G	U	name		<str>
	U	G	U	surname		<str>
	U	T	U	email		<str>
	O	X	U	pseudo		<str>
public_auth	CR	LI	ED	2		2
	O	X	U	open_level_edit		<choice>
	O	A	A	open_level_show		<choice>
specs	CR	LI	ED	1		1
	O	X	O	doc_type		<choice>
modif_log [ ]	CR	LI	ED	4		4
	O	A	O	modif_at		<date>
	O	A	O	modif_for		<str>
	O	A	O	modif_by		<usr_oid>
	O	A	O	modif_val		<str>
log	CR	LI	ED	3		3
	O	G	O	created_at		<date>
	O	A	O	created_by		<usr_oid>
	O	U	A	login_count		<int>
uses	CR	LI	ED	0		0
datasets	CR	LI	ED	8		28
	E	X	X	tag_list [ ]	oid_tag	<oid_tag>
	E	G	O		added_at	<date>
	E	G	G		added_by	<usr_oid>
	E	X	X	prj_list [ ]	oid_prj	<oid_prj>
	E	G	O		added_at	<date>
	E	G	G		added_by	<usr_oid>
	E	U	U		is_fav	<bool>
	E	X	X	dmt_list [ ]	oid_dmt	<oid_dmt>
	E	G	O		added_at	<date>
	E	G	G		added_by	<usr_oid>
	E	U	U		is_fav	<bool>
	E	X	X	dmf_list [ ]	oid_dmf	<oid_dmf>
	E	G	O		added_at	<date>
	E	G	O		added_by	<usr_oid>
	E	G	X	dsi_list [ ]	oid_dsi	<oid_dsi>
	E	G	O		added_at	<date>
	E	G	G		added_by	<usr_oid>
	E	U	U		is_fav	<bool>
	E	G	X	dsr_list [ ]	oid_dsr	<oid_dsr>
	E	G	O		added_at	<date>
	E	G	G		added_by	<usr_oid>
	E	G	X	dso_list [ ]	oid_dso	<oid_dsi>
	E	G	O		added_at	<date>
	E	G	G		added_by	<usr_oid>
	E	X	X	rec_list [ ]	oid_rec	<oid_rec>
	E	G	O		added_at	<date>
	E	G	G		added_by	<usr_oid>
	E	U	U		is_fav	<bool>
translations [ ]	CR	LI	ED	0		0
team [ ]	CR	LI	ED	4		4
	O	G	U	oid_usr		<oid_usr>
	O	T	O	added_at		<date>
	O	T	O	added_by		<usr_oid>
	O	T	U	edit_auth		<choice>
mapping	CR	LI	ED	0		0
data_raw	CR	LI	ED	0		0
profile	CR	LI	ED	2		2
	U	G	U	lang		<choice>
	E	G	U	usr_profiles [ ]		<choice>
professional_in	CR	LI	ED	1		3
	E	G	U	user_professional_i	struct_name	<str>
	E	G	U		struct_url	<url>
	E	G	U		struct_profile	<choice>

API - 6 V V — open_level_edit / open_level_show — **collective / open_data**

PRJ — POST GET PUT — <oid_prj> — store projects

root_field	CREATE	LIST	EDIT	sub_field 1	sub_field 2	value_type
infos	CR	LI	ED	3		3
	U	X	T	title		<str>
	U	X	T	description		<str>
	U	X	C	licence		<choice>
public_auth	CR	LI	ED	2		2
	U	X	T	open_level_edit		<choice>
	U	X	T	open_level_show		<choice>
specs	CR	LI	ED	1		1
	O	X	O	doc_type		<choice>
modif_log [ ]	CR	LI	ED	4		4
	O	T	O	modif_at		<date>
	O	T	O	modif_for		<str>
	O	T	O	modif_by		<usr_oid>
	O	T	O	modif_val		<str>
log	CR	LI	ED	3		3
	O	X	O	created_at		<date>
	O	G	O	created_by		<usr_oid>
	O	G	O	is_running		<bool>
uses	CR	LI	ED	1		2
	O	G	O	by_usr [ ]	used_by	<oid>
	O	G	O		used_at [ ]	<date>
datasets	CR	LI	ED	5		15
	E	X	T	tag_list [ ]	oid_tag	<oid_tag>
	E	G	O		added_at	<date>
	E	G	O		added_by	<usr_oid>
	E	X	T	dmt_list [ ]	oid_dmt	<oid_dmt>
	E	G	O		added_at	<date>
	E	G	O		added_by	<usr_oid>
	E	X	T	dsi_list [ ]	oid_dsi	<oid_dsi>
	E	G	O		added_at	<date>
	E	G	O		added_by	<usr_oid>
	E	X	T	dso_list [ ]	oid_dso	<oid_dsi>
	E	G	O		added_at	<date>
	E	G	O		added_by	<usr_oid>
	E	X	T	rec_list [ ]	oid_rec	<oid_rec>
	E	G	O		added_at	<date>
	E	G	O		added_by	<usr_oid>
translations [ ]	CR	LI	ED	3		3
	O	X	T	locale		<str>
	O	X	T	field		<str>
	O	X	T	text		<str>
team [ ]	CR	LI	ED	4		4
	O	G	T	oid_usr		<oid_usr>
	O	T	O	added_at		<date>
	O	T	O	added_by		<usr_oid>
	O	T	T	edit_auth		<choice>
mapping	CR	LI	ED	2		10
	E	G	T	dsi_to_dmf [ ]	oid_dsi	<oid_dsi>
	E	G	T		col_index	<col_index>
	E	G	T		oid_dmt	<oid_dmt>
	E	G	T		oid_dmf	<oid_dmf>
	E	G	T		visible_dmf_lis	<dmf_oid>
	E	G	T	rec_to_dmf [ ]	oid_rec	<oid_rec>
	E	G	T		oid_func	<oid_func>
	E	G	T		oid_dmt	<oid_dmt>
	E	G	T		oid_dmf	<oid_dmf>
	E	G	T		params	<raw_data>
data_raw	CR	LI	ED	0		0
profile	CR	LI	ED	0		0
professional_in	CR	LI	ED	0		0

API - 1 V — open_level_edit / open_level_show — **collective / open_data**

DMT — POST GET PUT — <oid_dmt> — store datamodel templates

root_field	CREATE	LIST	EDIT	sub_field 1	sub_field 2	value_type
infos	CR	LI	ED	3		2
	U	X	T	title		<str>
	U	X	T	description		<str>
public_auth	CR	LI	ED	2		2
	U	X	T	open_level_edit		<choice>
	O	X	T	open_level_show		<choice>
specs	CR	LI	ED	3		3
	O	X	O	doc_type		<choice>
	O	X	O	child_of_dmt		<dmt_oid>
	O	X	O	parent_of_dmt		<dmt_oid>
modif_log [ ]	CR	LI	ED	4		4
	O	T	O	modif_at		<date>
	O	T	O	modif_for		<str>
	O	T	O	modif_by		<usr_oid>
	O	T	O	modif_val		<str>
log	CR	LI	ED	3		3
	O	X	O	created_at		<date>
	O	G	O	created_by		<usr_oid>
	O	G	T	is_linked_to_src		<bool>
uses	CR	LI	ED	3		6
	O	G	O	by_usr [ ]	used_by	<oid>
	O	G	O		used_at [ ]	<date>
	E	G	O	by_dmt [ ]	used_by	<oid>
	E	G	O		used_at [ ]	<date>
	E	G	O	by_prj [ ]	used_by	<oid>
	E	G	O		used_at [ ]	<date>
datasets	CR	LI	ED	2		6
	E	X	T	tag_list [ ]	oid_tag	<oid_tag>
	E	G	O		added_at	<date>
	E	G	O		added_by	<usr_oid>
	E	X	T	dmf_list [ ]	oid_dmf	<oid_dmf>
	E	G	O		added_at	<date>
	E	G	O		added_by	<usr_oid>
translations [ ]	CR	LI	ED	3		3
	O	X	T	locale		<str>
	O	X	T	field		<str>
	O	X	T	text		<str>
team [ ]	CR	LI	ED	4		4
	O	G	T	oid_usr		<oid_usr>
	O	T	O	added_at		<date>
	O	T	O	added_by		<usr_oid>
	O	T	T	edit_auth		<choice>
mapping	CR	LI	ED	0		0
data_raw	CR	LI	ED	0		0
profile	CR	LI	ED	0		0
professional_in	CR	LI	ED	0		0

API - 2 V — open_level_edit / open_level_show — **collective / open_data**

DMF — POST GET PUT — <oid_dmf> — store datamodel fields

root_field	CREATE	LIST	EDIT	sub_field 1	sub_field 2	value_type
infos	CR	LI	ED	2		2
	U	X	T	title		<str>
	U	X	T	description		<str>
public_auth	CR	LI	ED	2		2
	U	X	T	open_level_edit		<choice>
	O	X	T	open_level_show		<choice>
specs	CR	LI	ED	1		1
	O	X	O	doc_type		<choice>
modif_log [ ]	CR	LI	ED	4		4
	O	T	O	modif_at		<date>
	O	T	O	modif_for		<str>
	O	T	O	modif_by		<usr_oid>
	O	T	O	modif_val		<str>
log	CR	LI	ED	2		2
	O	X	O	created_at		<date>
	O	G	O	created_by		<usr_oid>
uses	CR	LI	ED	2		4
	O	G	O	by_usr [ ]	used_by	<oid>
	O	G	O		used_at [ ]	<date>
	E	G	O	by_dmt [ ]	used_by	<oid>
	E	G	O		used_at [ ]	<date>
datasets	CR	LI	ED	1		3
	E	X	T	tag_list [ ]	oid_tag	<oid_tag>
	E	G	O		added_at	<date>
	E	G	O		added_by	<usr_oid>
translations [ ]	CR	LI	ED	3		3
	O	X	T	locale		<str>
	O	X	T	field		<str>
	O	X	T	text		<str>
team [ ]	CR	LI	ED	4		4
	O	G	T	oid_usr		<oid_usr>
	O	T	O	added_at		<date>
	O	T	O	added_by		<usr_oid>
	O	T	T	edit_auth		<choice>
mapping	CR	LI	ED	0		0
data_raw	CR	LI	ED	5		5
	U	G	T	f_code		<str>
	U	G	T	f_object		<str>
	U	G	T	f_type		<choice>
	U	G	T	f_comments		<str>
	U	G	T	f_is_required		<bool>
profile	CR	LI	ED	0		0
professional_in	CR	LI	ED	0		0

API - 3a V — open_level_edit / open_level_show — **private / commons**

DSI — POST GET PUT — <oid_dsi> — store datasets_inputs

root_field	CREATE	LIST	EDIT	sub_field 1	sub_field 2	value_type
infos	CR	LI	ED	3		3
	U	X	T	title		<str>
	U	X	T	description		<str>
	U	X	C	licence		<choice>
public_auth	CR	LI	ED	2		2
	U	X	T	open_level_edit		<choice>
	U	X	T	open_level_show		<choice>
specs	CR	LI	ED	4		4
	O	X	O	doc_type		<choice>
	O	G	T	src_link		<filename|uri>
	O	G	T	src_parser		<str>
	O	G	O	src_type		<choice>
modif_log [ ]	CR	LI	ED	4		4
	O	T	O	modif_at		<date>
	O	T	O	modif_for		<str>
	O	T	O	modif_by		<usr_oid>
	O	T	O	modif_val		<str>
log	CR	LI	ED	5		5
	O	X	O	created_at		<date>
	O	G	O	created_by		<usr_oid>
	O	G	O	is_running		<bool>
	O	G	O	is_loaded		<bool>
	O	G	T	is_linked_to_src		<bool>
uses	CR	LI	ED	2		5
	O	G	O	by_usr [ ]	used_by	<oid>
	O	G	O		used_at [ ]	<date>
	E	G	O	by_prj [ ]	used_by	<oid>
	E	G	O		used_at [ ]	<date>
					used_as	<choice>
datasets	CR	LI	ED	2		7
	E	X	T	tag_list [ ]	oid_tag	<oid_tag>
	E	G	O		added_at	<date>
	E	G	O		added_by	<usr_oid>
	E	X	T	dsr_list [ ]	oid_dsr	<oid_dsr>
	E	G	O		added_at	<date>
	E	G	O		added_by	<usr_oid>
	E	X	T		open_level	<choice>
translations [ ]	CR	LI	ED	3		3
	O	X	T	locale		<str>
	O	X	T	field		<str>
	O	X	T	text		<str>
team [ ]	CR	LI	ED	4		4
	O	G	T	oid_usr		<oid_usr>
	O	T	O	added_at		<date>
	O	T	O	added_by		<usr_oid>
	O	T	T	edit_auth		<choice>
mapping	CR	LI	ED	0		0
data_raw	CR	LI	ED	2		2
	O	T	E	f_data [ ]		<data>
	O	T	E	f_col_headers [ ]		<data>
profile	CR	LI	ED	0		
professional_in	CR	LI	ED	0		0

API - 3b — open_level_edit / open_level_show — **<inherit_dsi> / commons**

DSR — POST GET PUT — <oid_dsr> — store datasets_raws

root_field	CREATE	LIST	EDIT	sub_field 1	sub_field 2	value_type
infos	CR	LI	ED	3		3
	O	X	O	title		<str>
	O	X	O	description		<str>
	O	X	O	licence		<choice>
public_auth	CR	LI	ED	2		2
	O	X	O	open_level_edit		<choice>
	O	X	O	open_level_show		<choice>
specs	CR	LI	ED	4		4
	O	X	O	doc_type		<choice>
	O	G	O	src_link		<filename|uri>
	O	G	O	src_parser		<str>
	O	G	O	src_type		<choice>
modif_log [ ]	CR	LI	ED	4		4
	O	T	O	modif_at		<date>
	O	T	O	modif_for		<str>
	O	T	O	modif_by		<usr_oid>
	O	T	O	modif_val		<str>
log	CR	LI	ED	4		4
	O	X	O	created_at		<date>
	O	G	O	created_by		<usr_oid>
	O	G	O	is_loaded		<bool>
	O	G	T	is_linked_to_src		<bool>
uses	CR	LI	ED	2		4
	O	G	O	by_dsi [ ]	used_by	<oid>
	O	G	O		used_at [ ]	<date>
	E	G	O	by_dso [ ]	used_by	<oid>
	E	G	O		used_at [ ]	<date>
datasets	CR	LI	ED	0		0
translations [ ]	CR	LI	ED	0		0
team [ ]	CR	LI	ED	0		0
mapping	CR	LI	ED	0		0
data_raw	CR	LI	ED	2		2
	O	T	T	f_data [ ]		<data>
	O	T	E	f_col_headers [ ]		<data>
profile	CR	LI	ED	0		0
professional_in	CR	LI	ED	0		0

API - 3c — open_level_edit / open_level_show — **<inherit_prj> / commons**

DSO — POST GET PUT — <oid_dso> — store datasets outputs

root_field	CREATE	LIST	EDIT	sub_field 1	sub_field 2	value_type
infos	CR	LI	ED	3		3
	O	X	O	title		<str>
	O	X	O	description		<str>
	O	X	O	licence		<choice>
public_auth	CR	LI	ED	2		2
	O	X	O	open_level_edit		<choice>
	O	X	O	open_level_show		<choice>
specs	CR	LI	ED	1		1
	O	X	O	doc_type		<choice>
modif_log [ ]	CR	LI	ED	4		4
	O	T	O	modif_at		<date>
	O	T	O	modif_for		<str>
	O	T	O	modif_by		<usr_oid>
	O	T	O	modif_val		<str>
log	CR	LI	ED	3		3
	O	X	O	created_at		<date>
	O	G	O	created_by		<usr_oid>
	O	G	O	is_running		<bool>
uses	CR	LI	ED	2		4
	O	G	O	by_usr [ ]	used_by	<oid>
	O	G	O		used_at [ ]	<date>
	O	G	O	by_prj [ ]	used_by	<oid>
	O	G	O		used_at [ ]	<date>
datasets	CR	LI	ED	2		7
	O	X	O	tag_list [ ]	oid_tag	<oid_tag>
	O	G	O		added_at	<date>
	O	G	O		added_by	<usr_oid>
	O	X	T	dsr_list [ ]	oid_dsr	<oid_dsr>
	O	G	O		added_at	<date>
	O	G	O		added_by	<usr_oid>
	O	X	T		open_level	<choice>
translations [ ]	CR	LI	ED	3		3
	O	X	O	locale		<str>
	O	X	O	field		<str>
	O	X	O	text		<str>
team [ ]	CR	LI	ED	0		0
mapping	CR	LI	ED	0		0
data_raw	CR	LI	ED	2		2
	O	T	T	f_data [ ]		<data>
	O	T	E	f_col_headers [ ]		<data>
profile	CR	LI	ED	0		0
professional_in	CR	LI	ED	0		0

API - 4 V — open_level_edit / open_level_show — **private / open_data**

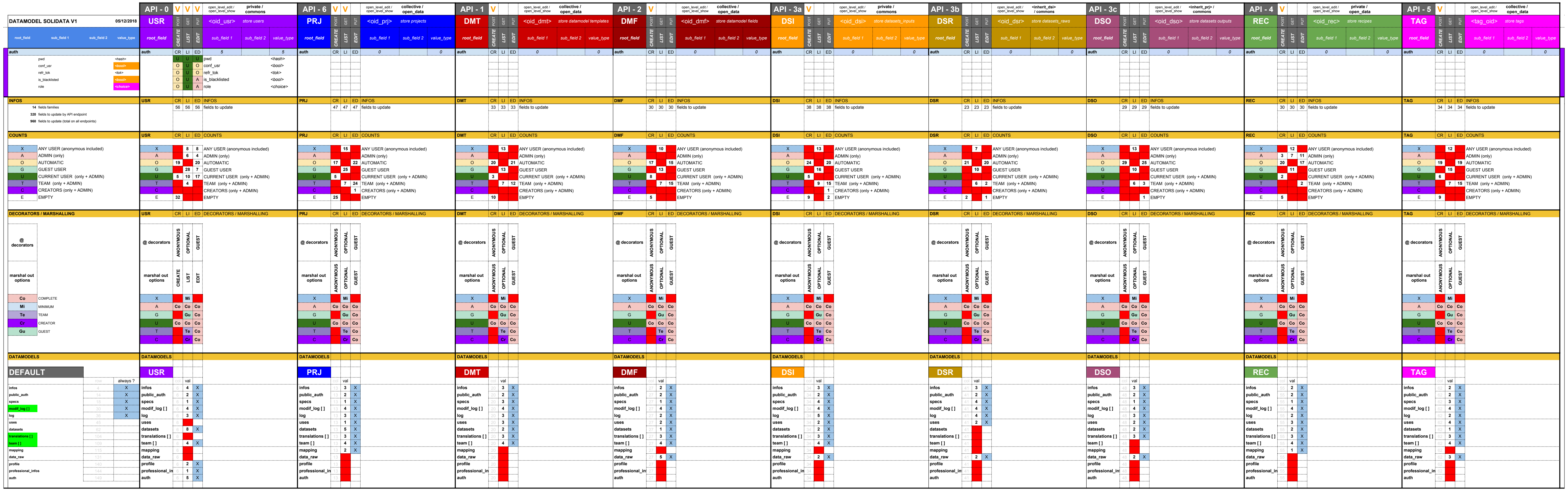
REC — POST GET PUT — <oid_rec> — store recipes

root_field	CREATE	LIST	EDIT	sub_field 1	sub_field 2	value_type
infos	CR	LI	ED	2		2
	A	X	T	title		<str>
	A	X	T	description		<str>
public_auth	CR	LI	ED	2		2
	O	X	A	open_level_edit		<choice>
	O	X	A	open_level_show		<choice>
specs	CR	LI	ED	1		1
	O	X	O	doc_type		<choice>
modif_log [ ]	CR	LI	ED	4		4
	O	A	O	modif_at		<date>
	O	A	O	modif_for		<str>
	O	A	O	modif_by		<usr_oid>
	O	A	O	modif_val		<str>
log	CR	LI	ED	2		2
	O	G	O	created_at		<date>
	O	G	O	created_by		<usr_oid>
uses	CR	LI	ED	3		4
	O	G	O	by_usr [ ]	used_by	<oid>
	O	G	O		used_at [ ]	<date>
	E	G	O	by_prj [ ]	used_by	<oid>
	E	G	O	used_at [ ]	used_at [ ]	<date>
datasets	CR	LI	ED	2		6
	E	X	A	tag_list [ ]	oid_tag	<oid_tag>
	E	G	O		added_at	<date>
	E	G	O		added_by	<usr_oid>
	A	X	A	func_list [ ]	oid_func	<oid_func>
	O	G	O		added_at	<date>
	O	G	O		added_by	<usr_oid>
translations [ ]	CR	LI	ED	3		3
	O	X	A	locale		<str>
	O	X	A	field		<str>
	O	X	A	text		<str>
team [ ]	CR	LI	ED	4		4
	O	G	A	oid_usr		<oid_usr>
	O	A	O	added_at		<date>
	O	A	O	added_by		<usr_oid>
	O	A	A	edit_auth		<choice>
mapping	CR	LI	ED	1		2
	U	X	A	rec_to_func [ ]	oid_func	<oid_func>
	U	X	A		params [ ]	<raw_data>
data_raw	CR	LI	ED	0		0
profile	CR	LI	ED	0		0
professional_in	CR	LI	ED	0		0

API - 5 V — open_level_edit / open_level_show — **collective / open_data**

TAG — POST GET PUT — <tag_oid> — store tags

root_field	CREATE	LIST	EDIT	sub_field 1	sub_field 2	value_type
infos	CR	LI	ED	2		2
	U	X	T	title		<str>
	U	X	T	description		<str>
public_auth	CR	LI	ED	2		2
	U	X	T	open_level_edit		<choice>
	O	X	T	open_level_show		<choice>
specs	CR	LI	ED	3		3
	O	X	O	doc_type		<choice>
	O	X	T	child_of_tag [ ]		<tag_oid>
	O	X	T	parent_of_tag [ ]		<tag_oid>
modif_log [ ]	CR	LI	ED	4		4
	O	T	O	modif_at		<date>
	O	T	O	modif_for		<str>
	O	T	O	modif_by		<usr_oid>
	O	T	O	modif_val		<str>
log	CR	LI	ED	2		2
	O	X	O	created_at		<date>
	O	G	O	created_by		<usr_oid>
uses	CR	LI	ED	4		8
	O	G	O	by_usr [ ]	used_by	<oid>
	O	G	O		used_at [ ]	<date>
	E	G	O	by_dmt [ ]	used_by	<oid>
	E	G	O		used_at [ ]	<date>
	E	G	O	by_dsi [ ]	used_by	<oid>
	E	G	O		used_at [ ]	<date>
	E	G	O	by_prj [ ]	used_by	<oid>
	E	G	O		used_at [ ]	<date>
datasets	CR	LI	ED	1		3
	E	X	T	tag_list [ ]	oid_tag	<oid_tag>
	E	G	O		added_at	<date>
	E	G	O		added_by	<usr_oid>
translations [ ]	CR	LI	ED	3		3
	O	X	T	locale		<str>
	O	X	T	field		<str>
	O	X	T	text		<str>
team [ ]	CR	LI	ED	4		4
	O	G	T	oid_usr		<oid_usr>
	O	T	O	added_at		<date>
	O	T	O	added_by		<usr_oid>
	O	T	T	edit_auth		<choice>
mapping	CR	LI	ED	0		0
data_raw	CR	LI	ED	3		3
	U	G	T	f_code		<str>
	U	G	T	f_object		<str>
	U	G	T	f_comments		<str>
profile	CR	LI	ED	0		0
professional_in	CR	LI	ED	0		0



DATAMODEL SOLIDATA V1 05/12/2018

API	POST	GET	PUT	open_level_edit / open_level_show		root_field		
API - 0	V	V	V	open_level_edit / open_level_show	private / commons	USR	<oid_usr>	store users
API - 6	V	V		open_level_edit / open_level_show	collective / open_data	PRJ	<oid_prj>	store projects
API - 1	V			open_level_edit / open_level_show	collective / open_data	DMT	<oid_dmt>	store datamodel templates
API - 2	V			open_level_edit / open_level_show	collective / open_data	DMF	<oid_dmf>	store datamodel fields
API - 3a	V			open_level_edit / open_level_show	private / commons	DSI	<oid_dsi>	store datasets_inputs
API - 3b				open_level_edit / open_level_show	<inherit_dsi> / commons	DSR	<oid_dsr>	store datasets_raws
API - 3c				open_level_edit / open_level_show	<inherit_prj> / commons	DSO	<oid_dso>	store datasets outputs
API - 4	V			open_level_edit / open_level_show	private / open_data	REC	<oid_rec>	store recipes
API - 5	V			open_level_edit / open_level_show	collective / open_data	TAG	<tag_oid>	store tags

root_field	sub_field 1	sub_field 2	value_type
auth			
	pwd		<hash>
	conf_usr		<bool>
	refr_tok		<tok>
	is_blacklisted		<bool>
	role		<choice>

root_field	CREATE (POST)	LIST (GET)	EDIT (PUT)	sub_field 1	sub_field 2	value_type
auth (USR)	CR	LI	ED	5		5
	U	U	U	pwd		<hash>
	O	U	O	conf_usr		<bool>
	O	U	O	refr_tok		<tok>
	O	U	A	is_blacklisted		<bool>
	O	U	A	role		<choice>
auth (PRJ)	CR	LI	ED	0		0
auth (DMT)	CR	LI	ED	0		0
auth (DMF)	CR	LI	ED	0		0
auth (DSI)	CR	LI	ED	0		0
auth (DSR)	CR	LI	ED	0		0
auth (DSO)	CR	LI	ED	0		0
auth (REC)	CR	LI	ED	0		0
auth (TAG)	CR	LI	ED	0		0

INFOS

14 fields families

320 fields to update by API endpoint

960 fields to update (total on all endpoints)

INFOS	CR	LI	ED	
USR	56	56	56	fields to update
PRJ	47	47	47	fields to update
DMT	33	33	33	fields to update
DMF	30	30	30	fields to update
DSI	38	38	38	fields to update
DSR	23	23	23	fields to update
DSO	29	29	29	fields to update
REC	30	30	30	fields to update
TAG	34	34	34	fields to update

COUNTS

	COUNTS	USR CR	USR LI	USR ED	PRJ CR	PRJ LI	PRJ ED	DMT CR	DMT LI	DMT ED	DMF CR	DMF LI	DMF ED	DSI CR	DSI LI	DSI ED
X	ANY USER (anonymous included)	🟥	8	8	🟥	15	🟥	🟥	13	🟥	🟥	10	🟥	🟥	13	🟥
A	ADMIN (only)	🟥	6	4	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥
O	AUTOMATIC	19	🟥	20	17	🟥	22	20	🟥	21	17	🟥	15	24	🟥	20
G	GUEST USER	🟥	28	7	🟥	25	🟥	🟥	13	🟥	🟥	13	🟥	🟥	16	🟥
U	CURRENT USER (only + ADMIN)	5	10	17	5	🟥	🟥	3	🟥	🟥	8	🟥	🟥	5	🟥	🟥
T	TEAM (only + ADMIN)	🟥	4	🟥	🟥	7	24	🟥	7	12	🟥	7	15	🟥	9	15
C	CREATORS (only + ADMIN)	🟥	🟥	🟥	🟥	🟥	1	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	1
E	EMPTY	32	🟥	🟥	25	🟥	🟥	10	🟥	🟥	5	🟥	🟥	9	🟥	2

	COUNTS	DSR CR	DSR LI	DSR ED	DSO CR	DSO LI	DSO ED	REC CR	REC LI	REC ED	TAG CR	TAG LI	TAG ED
X	ANY USER (anonymous included)	🟥	7	🟥	🟥	13	🟥	🟥	12	🟥	🟥	12	🟥
A	ADMIN (only)	🟥	🟥	🟥	🟥	🟥	🟥	3	7	11	🟥	🟥	🟥
O	AUTOMATIC	21	🟥	20	29	🟥	25	20	🟥	17	19	🟥	19
G	GUEST USER	🟥	10	🟥	🟥	10	🟥	🟥	11	🟥	🟥	15	🟥
U	CURRENT USER (only + ADMIN)	🟥	🟥	🟥	🟥	🟥	🟥	2	🟥	🟥	6	🟥	🟥
T	TEAM (only + ADMIN)	🟥	6	2	🟥	6	3	🟥	🟥	2	🟥	7	15
C	CREATORS (only + ADMIN)	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥
E	EMPTY	2	🟥	1	🟥	🟥	1	5	🟥	🟥	9	🟥	🟥

DECORATORS / MARSHALLING

Co	COMPLETE
Mi	MINIMUM
Te	TEAM
Cr	CREATOR
Gu	GUEST

@ decorators: ANONYMOUS / OPTIONAL / GUEST

marshal out options: CREATE / LIST / EDIT (USR); ANONYMOUS / OPTIONAL / GUEST (PRJ, DMT, DMF, DSI, DSR, DSO, REC, TAG)

marshal out options	USR CR	USR LI	USR ED	PRJ CR	PRJ LI	PRJ ED	DMT CR	DMT LI	DMT ED	DMF CR	DMF LI	DMF ED	DSI CR	DSI LI	DSI ED
X	🟥	Mi	🟥	🟥	Mi	🟥	🟥	Mi	🟥	🟥	Mi	🟥	🟥	Mi	🟥
A	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co
G	🟥	Gu	Co	🟥	Gu	Co	🟥	Gu	Co	🟥	Gu	Co	🟥	Gu	Co
U	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co
T	🟥	Te	Co	🟥	Te	Co	🟥	Te	Co	🟥	Te	Co	🟥	Te	Co
C	🟥	Cr	Co	🟥	Cr	Co	🟥	Cr	Co	🟥	Cr	Co	🟥	Cr	Co

marshal out options	DSR CR	DSR LI	DSR ED	DSO CR	DSO LI	DSO ED	REC CR	REC LI	REC ED	TAG CR	TAG LI	TAG ED
X	🟥	Mi	🟥	🟥	Mi	🟥	🟥	Mi	🟥	🟥	Mi	🟥
A	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co
G	🟥	Gu	Co	🟥	Gu	Co	🟥	Gu	Co	🟥	Gu	Co
U	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co
T	🟥	Te	Co	🟥	Te	Co	🟥	Te	Co	🟥	Te	Co
C	🟥	Cr	Co	🟥	Cr	Co	🟥	Cr	Co	🟥	Cr	Co

DATAMODELS

DEFAULT	row	always ?
infos	4	X
public_auth	14	X
specs	18	X
modif_log [ ]	30	X
log	36	X
uses	45	
datasets	62	
translations [ ]	104	
team [ ]	109	
mapping	115	
data_raw	131	
profile	140	
professional_infos	144	
auth	149	

	USR val		PRJ val		DMT val		DMF val		DSI val	
col	6		13		20		27		34	
infos	4	X	3	X	3	X	2	X	3	X
public_auth	2	X	2	X	2	X	2	X	2	X
specs	1	X	1	X	3	X	1	X	4	X
modif_log [ ]	4	X	4	X	4	X	4	X	4	X
log	3	X	3	X	3	X	2	X	5	X
uses	🟥		1	X	3	X	2	X	2	X
datasets	8	X	5	X	2	X	1	X	2	X
translations [ ]	🟥		3	X	3	X	3	X	3	X
team [ ]	4	X	4	X	4	X	4	X	4	X
mapping	🟥		2	X	🟥		🟥		🟥	
data_raw	🟥		🟥		🟥		5	X	2	X
profile	2	X	🟥		🟥		🟥		🟥	
professional_in	1	X	🟥		🟥		🟥		🟥	
auth	5	X	🟥		🟥		🟥		🟥	

	DSR val		DSO val		REC val		TAG val	
col	41		48		55		62	
infos	3	X	3	X	2	X	2	X
public_auth	2	X	2	X	2	X	2	X
specs	4	X	1	X	1	X	3	X
modif_log [ ]	4	X	4	X	4	X	4	X
log	4	X	3	X	2	X	2	X
uses	2	X	2	X	3	X	4	X
datasets	🟥		2	X	2	X	1	X
translations [ ]	🟥		3	X	3	X	3	X
team [ ]	🟥		🟥		4	X	4	X
mapping	🟥		🟥		1	X	🟥	
data_raw	2	X	2	X	🟥		3	X
profile	🟥		🟥		🟥		🟥	
professional_in	🟥		🟥		🟥		🟥	
auth	🟥		🟥		🟥		🟥	