A CGIAR CHALLENGE PROGRAMME

Generation Challenge Programme
CULTIVATING PLANT DIVERSITY FOR THE RESOURCE POOR

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Application 2.2.1 Tool 2.10 OMS Schema

ibdbv2-dms

- cv
- cvterm
- cvterm_relationship
- cvtermprop
- cvtermsynonym

cv

Fields

Field	Type	Collation	Null	Key	Default	Extra	Privileges	Comment
cv_id	int(11)	(NULL)	NO	PRI	(NULL)	auto_increment	select,insert,update,references	
name	varchar(255)	utf8_general_ci	NO	UNI	(NULL)		select,insert,update,references	
definition	varchar(255)	utf8_general_ci	YES		(NULL)		select,insert,update,references	

Indexes

Table	Non unique	Key name	Seq in index	Column name	Collation	Cardinality	Sub part	Packed	Null	Index type	Comment	Index comment
cv	0	PRIMARY	1	cv_id	A	11	(NULL)	(NULL)		BTREE		
cv	0	cv_idx1	1	name	A	11	(NULL)	(NULL)		BTREE		

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cvterm

Fields

Field	Type	Collation	Null	Key	Default	Extra	Privileges	Comment
cvterm_id	int(11)	(NULL)	NO	PRI	(NULL)	auto_increment	select,insert,update,references	
cv_id	int(11)	(NULL)	NO	MUL	(NULL)		select,insert,update,references	
name	varchar(200)	utf8_general_ci	NO	MUL	(NULL)		select,insert,update,references	

definition	varchar(255)	utf8_general_ci	YES		(NULL)		select,insert,update,references	
dbxref_id	int(11)	(NULL)	YES	UNI	(NULL)		select,insert,update,references	
is_obsolete	int(11)	(NULL)	NO		0		select,insert,update,references	
is_relationshiptype	int(11)	(NULL)	NO		0		select,insert,update,references	

Indexes

Table	Non unique	Key name	Seq in index	Column name	Collation	Cardinality	Sub part	Packed	Null	Index type	Comment	Index comment
cvterm	0	PRIMARY	1	cvterm_id	A	415	(NULL)	(NULL)		BTREE		
cvterm	0	cvterm_idx1	1	name	A	415	(NULL)	(NULL)		BTREE		
cvterm	0	cvterm_idx1	2	cv_id	A	415	(NULL)	(NULL)		BTREE		
cvterm	0	cvterm_idx1	3	is_obsolete	A	415	(NULL)	(NULL)		BTREE		
cvterm	0	cvterm_idx2	1	dbxref_id	A	4	(NULL)	(NULL)	YES	BTREE		
cvterm	1	cvterm_idx3	1	cv_id	A	51	(NULL)	(NULL)		BTREE		
cvterm	1	cvterm_idx4	1	name	A	415	(NULL)	(NULL)		BTREE		

Foreign Key Relationships

FK Id	Reference Table	Source Column	Target Column	Extra Info
cvterm_fk1	cv	`cv_id`	`cv_id`	ON DELETE CASCADE

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cvterm_relationship

Fields

Field	Type	Collation	Null	Key	Default	Extra	Privileges	Comment
cvterm_relationship_id	int(11)	(NULL)	NO	PRI	(NULL)	auto_increment	select,insert,update,references	
type_id	int(11)	(NULL)	NO	MUL	(NULL)		select,insert,update,references	
subject_id	int(11)	(NULL)	NO	MUL	(NULL)		select,insert,update,references	
object_id	int(11)	(NULL)	NO	MUL	(NULL)		select,insert,update,references	

Indexes

Table	Non	Key	Seq	Column	Collation	Cardinality	Sub	Packed	Null	Index	Comment	Index

		unique	name		in index	name				part			type		comment
cvterm_relationship		0	PRIMARY		1	cvterm_relationship_id	A	515		(NULL)	(NULL)		BTREE		
cvterm_relationship		0	cvterm_relationship_c1		1	subject_id	A	515		(NULL)	(NULL)		BTREE		
cvterm_relationship		0	cvterm_relationship_c1		2	object_id	A	515		(NULL)	(NULL)		BTREE		
cvterm_relationship		0	cvterm_relationship_c1		3	type_id	A	515		(NULL)	(NULL)		BTREE		
cvterm_relationship		1	cvterm_relationship_idx1		1	type_id	A	9		(NULL)	(NULL)		BTREE		
cvterm_relationship		1	cvterm_relationship_idx2		1	subject_id	A	515		(NULL)	(NULL)		BTREE		
cvterm_relationship		1	cvterm_relationship_idx3		1	object_id	A	257		(NULL)	(NULL)		BTREE		

Foreign Key Relationships

FK Id	Reference Table	Source Column	Target Column	Extra Info
cvterm_relationship_fk1	cvterm	`type_id`	`cvterm_id`	ON DELETE CASCADE,
cvterm_relationship_fk2	cvterm	`subject_id`	`cvterm_id`	ON DELETE CASCADE,
cvterm_relationship_fk3	cvterm	`object_id`	`cvterm_id`	ON DELETE CASCADE

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cvtermprop

Fields

Field	Type	Collation	Null	Key	Default	Extra	Privileges	Comment
cvtermprop_id	int(11)	(NULL)	NO	PRI	(NULL)	auto_increment	select,insert,update,references	
cvterm_id	int(11)	(NULL)	NO	MUL	(NULL)		select,insert,update,references	
type_id	int(11)	(NULL)	NO	MUL	(NULL)		select,insert,update,references	
value	varchar(200)	utf8_general_ci	NO				select,insert,update,references	
rank	int(11)	(NULL)	NO		0		select,insert,update,references	

Indexes

Table	Non unique	Key name	Seq in index	Column name	Collation	Cardinality	Sub part	Packed	Null	Index type	Comment	Index comment
cvtermprop	0	PRIMARY	1	cvtermprop_id	A	0	(NULL)	(NULL)		BTREE		

cvtermprop	0	cvtermprop_c1	1	cvterm_id	A	0	(NULL)	(NULL)		BTREE		
cvtermprop	0	cvtermprop_c1	2	type_id	A	0	(NULL)	(NULL)		BTREE		
cvtermprop	0	cvtermprop_c1	3	value	A	0	(NULL)	(NULL)		BTREE		
cvtermprop	0	cvtermprop_c1	4	rank	A	0	(NULL)	(NULL)		BTREE		
cvtermprop	1	cvtermprop_idx1	1	cvterm_id	A	0	(NULL)	(NULL)		BTREE		
cvtermprop	1	cvtermprop_idx2	1	type_id	A	0	(NULL)	(NULL)		BTREE		

Foreign Key Relationships

FK Id	Reference Table	Source Column	Target Column	Extra Info
cvtermprop_ibfk_1	cvterm	`cvterm_id`	`cvterm_id`	ON DELETE CASCADE,
cvtermprop_ibfk_2	cvterm	`type_id`	`cvterm_id`	ON DELETE CASCADE

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cvtermsynonym

Fields

Field	Type	Collation	Null	Key	Default	Extra	Privileges	Comment
cvtermsynonym_id	int(11)	(NULL)	NO	PRI	(NULL)	auto_increment	select,insert,update,references	
cvterm_id	int(11)	(NULL)	NO	MUL	(NULL)		select,insert,update,references	
synonym	varchar(200)	utf8_general_ci	NO		(NULL)		select,insert,update,references	
type_id	int(11)	(NULL)	YES	MUL	(NULL)		select,insert,update,references	

Indexes

Table	Non unique	Key name	Seq in index	Column name	Collation	Cardinality	Sub part	Packed	Null	Index type	Comment	Index comment
cvtermsynonym	0	PRIMARY	1	cvtermsynonym_id	A	86	(NULL)	(NULL)		BTREE		
cvtermsynonym	0	cvtermsynonym_c1	1	cvterm_id	A	86	(NULL)	(NULL)		BTREE		
cvtermsynonym	0	cvtermsynonym_c1	2	synonym	A	86	(NULL)	(NULL)		BTREE		
cvtermsynonym	1	cvtermsynonym_fk2	1	type_id	A	2	(NULL)	(NULL)	YES	BTREE		

| cvtermsynonym | 1 | cvtermsynonym_idx1 | 1 | cvterm_id | A | 86 | (NULL) | (NULL) | | BTREE | | |

Foreign Key Relationships

FK Id	Reference Table	Source Column	Target Column	Extra Info
cvtermsynonym_fk1	cvterm	`cvterm_id`	`cvterm_id`	ON DELETE CASCADE,
cvtermsynonym_fk2	cvterm	`type_id`	`cvterm_id`	ON DELETE CASCADE

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