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Application 2.2.1 Tool 2.10 DMS Trial Design Schema

ibdbv2-dms

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nd_experiment

Fields

Field	Type	Collation	Null	Key	Default	Extra	Privileges	Comment
nd_experiment_id	int(11)	(NULL)	NO	PRI	(NULL)	auto_increment	select,insert,update,references	
nd_geolocation_id	int(11)	(NULL)	NO	MUL	(NULL)		select,insert,update,references	
type_id	int(11)	(NULL)	NO	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
nd_experiment	0	PRIMARY	1	nd_experiment_id	A	0	(NULL)	(NULL)		BTREE		
nd_experiment	1	nd_experiment_idx1	1	nd_geolocation_id	A	0	(NULL)	(NULL)		BTREE		
nd_experiment	1	nd_experiment_idx2	1	type_id	A	0	(NULL)	(NULL)		BTREE		

Foreign Key Relationships

FK Id	Reference Table	Source Column	Target Column	Extra Info
nd_experiment_fk1	nd_geolocation	`nd_geolocation_id`	`nd_geolocation_id`	ON DELETE CASCADE,
nd_experiment_fk2	cvterm	`type_id`	`cvterm_id`	ON DELETE CASCADE

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nd_experiment_phenotype

Fields

Field	Type	Collation	Null	Key	Default	Extra	Privileges	Comment
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nd_experiment_phenotype_id	int(11)	(NULL)	NO	PRI	(NULL)	auto_increment	select,insert,update,references	
nd_experiment_id	int(11)	(NULL)	NO	MUL	(NULL)		select,insert,update,references	
phenotype_id	int(11)	(NULL)	NO	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
nd_experiment_phenotype	0	PRIMARY	1	nd_experiment_phenotype_id	A	0	(NULL)	(NULL)		BTREE		
nd_experiment_phenotype	0	nd_experiment_phenotype_idx1	1	nd_experiment_id	A	0	(NULL)	(NULL)		BTREE		
nd_experiment_phenotype	0	nd_experiment_phenotype_idx1	2	phenotype_id	A	0	(NULL)	(NULL)		BTREE		
nd_experiment_phenotype	1	nd_experiment_phenotype_idx2	1	phenotype_id	A	0	(NULL)	(NULL)		BTREE		

Foreign Key Relationships

FK Id	Reference Table	Source Column	Target Column	Extra Info
nd_experiment_phenotype_fk1	nd_experiment	`nd_experiment_id`	`nd_experiment_id`	ON DELETE CASCADE,
nd_experiment_phenotype_fk2	phenotype	`phenotype_id`	`phenotype_id`	ON DELETE CASCADE

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nd_experiment_project

Fields

Field	Type	Collation	Null	Key	Default	Extra	Privileges	Comment
nd_experiment_project_id	int(11)	(NULL)	NO	PRI	(NULL)	auto_increment	select,insert,update,references	
project_id	int(11)	(NULL)	NO	MUL	(NULL)		select,insert,update,references	
nd_experiment_id	int(11)	(NULL)	NO	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
nd_experiment_project	0	PRIMARY	1	nd_experiment_project_id	A	0	(NULL)	(NULL)		BTREE		
nd_experiment_project	1	nd_experiment_project_idx1	1	project_id	A	0	(NULL)	(NULL)		BTREE		
nd_experiment_project	1	nd_experiment_project_idx2	1	nd_experiment_id	A	0	(NULL)	(NULL)		BTREE		

Foreign Key Relationships

FK Id	Reference Table	Source Column	Target Column	Extra Info
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nd_experiment_project_fk1	project	`project_id`	`project_id`	ON DELETE CASCADE,
nd_experiment_project_fk2	nd_experiment	`nd_experiment_id`	`nd_experiment_id`	ON DELETE CASCADE

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nd_experiment_stock

Fields

Field	Type	Collation	Null	Key	Default	Extra	Privileges	Comment
nd_experiment_stock_id	int(11)	(NULL)	NO	PRI	(NULL)	auto_increment	select,insert,update,references	
nd_experiment_id	int(11)	(NULL)	NO	MUL	(NULL)		select,insert,update,references	
stock_id	int(11)	(NULL)	NO	MUL	(NULL)		select,insert,update,references	
type_id	int(11)	(NULL)	NO	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
nd_experiment_stock	0	PRIMARY	1	nd_experiment_stock_id	A	0	(NULL)	(NULL)		BTREE		
nd_experiment_stock	1	nd_experiment_stock_idx1	1	nd_experiment_id	A	0	(NULL)	(NULL)		BTREE		
nd_experiment_stock	1	nd_experiment_stock_idx2	1	stock_id	A	0	(NULL)	(NULL)		BTREE		
nd_experiment_stock	1	nd_experiment_stock_idx3	1	type_id	A	0	(NULL)	(NULL)		BTREE		

Foreign Key Relationships

FK Id	Reference Table	Source Column	Target Column	Extra Info
nd_experiment_stock_fk1	nd_experiment	`nd_experiment_id`	`nd_experiment_id`	ON DELETE CASCADE,
nd_experiment_stock_fk2	stock	`stock_id`	`stock_id`	ON DELETE CASCADE,
nd_experiment_stock_fk3	cvterm	`type_id`	`cvterm_id`	ON DELETE CASCADE

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nd_experimentprop

Fields

Field	Type	Collation	Null	Key	Default	Extra	Privileges	Comment
nd_experimentprop_id	int(11)	(NULL)	NO	PRI	(NULL)	auto_increment	select,insert,update,references	
nd_experiment_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(255)	utf8_general_ci	YES		(NULL)		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
nd_experimentprop	0	PRIMARY	1	nd_experimentprop_id	A	0	(NULL)	(NULL)		BTREE		
nd_experimentprop	0	nd_experimentprop_idx1	1	nd_experiment_id	A	0	(NULL)	(NULL)		BTREE		
nd_experimentprop	0	nd_experimentprop_idx1	2	type_id	A	0	(NULL)	(NULL)		BTREE		
nd_experimentprop	0	nd_experimentprop_idx1	3	rank	A	0	(NULL)	(NULL)		BTREE		
nd_experimentprop	1	nd_experimentprop_idx2	1	type_id	A	0	(NULL)	(NULL)		BTREE		

Foreign Key Relationships

FK Id	Reference Table	Source Column	Target Column	Extra Info
nd_experimentprop_fk1	nd_experiment	`nd_experiment_id`	`nd_experiment_id`	ON DELETE CASCADE,
nd_experimentprop_fk2	cvterm	`type_id`	`cvterm_id`	ON DELETE CASCADE

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