

Chado Organism Module

From GMOD

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Introduction

The organism module is designed to hold information about a given species, as such it is fairly simple.

More Information

See the page on the related Phylogeny module. The phylogeny module is designed for phylogenetic trees and taxonomies.

Tables

Table: organism

The organismal taxonomic classification. Note that phylogenies are represented using the phylogeny module, and taxonomies can be represented using the cvterm module or the phylogeny module.

organism Structure

FK	Name	Type	Description
	organism_id	serial	<i>PRIMARY KEY</i>
	abbreviation	character varying(255)	
	genus	character varying(255)	<i>UNIQUE#1 NOT NULL</i>
	species	character varying(255)	<i>UNIQUE#1 NOT NULL</i> A type of organism is always uniquely identified by genus and species. When mapping from the NCBI taxonomy names.dmp file, this column must be used where it is present, as the common_name column is not always unique (e.g.

			environmental samples). If a particular strain or subspecies is to be represented, this is appended onto the species name. Follows standard NCBI taxonomy pattern.
	common_name	character varying(255)	
	comment	text	

Tables referencing this one via Foreign Key Constraints:

- biomaterial
- feature
- library
- organism_dbxref
- organismprop
- phylonode_organism
- stock
- wwwuser_organism

Table: organism_dbxref

organism_dbxref Structure

FK	Name	Type	Description
	organism_dbxref_id	serial	<i>PRIMARY KEY</i>
organism	organism_id	integer	<i>UNIQUE#1 NOT NULL</i>
dbxref	dbxref_id	integer	<i>UNIQUE#1 NOT NULL</i>

Table: organismprop

Tag-value properties - follows standard chado model.

organismprop Structure

FK	Name	Type	Description
	organismprop_id	serial	<i>PRIMARY KEY</i>
organism	organism_id	integer	<i>UNIQUE#1 NOT NULL</i>

cvterm	type_id	integer	<i>UNIQUE#1 NOT NULL</i>
	value	text	
	rank	integer	<i>UNIQUE#1 NOT NULL</i>

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