

GRIN-GLOBAL WORKSHOP



the challenge:
understand what GG currently does

martin reisinger,
instructor

“What is GRIN-Global?”

- a genebank information management tool
 - enables genebanks to manage their plant genetic resources (PGR) information

GRIN

(Germplasm Resources Information Network)

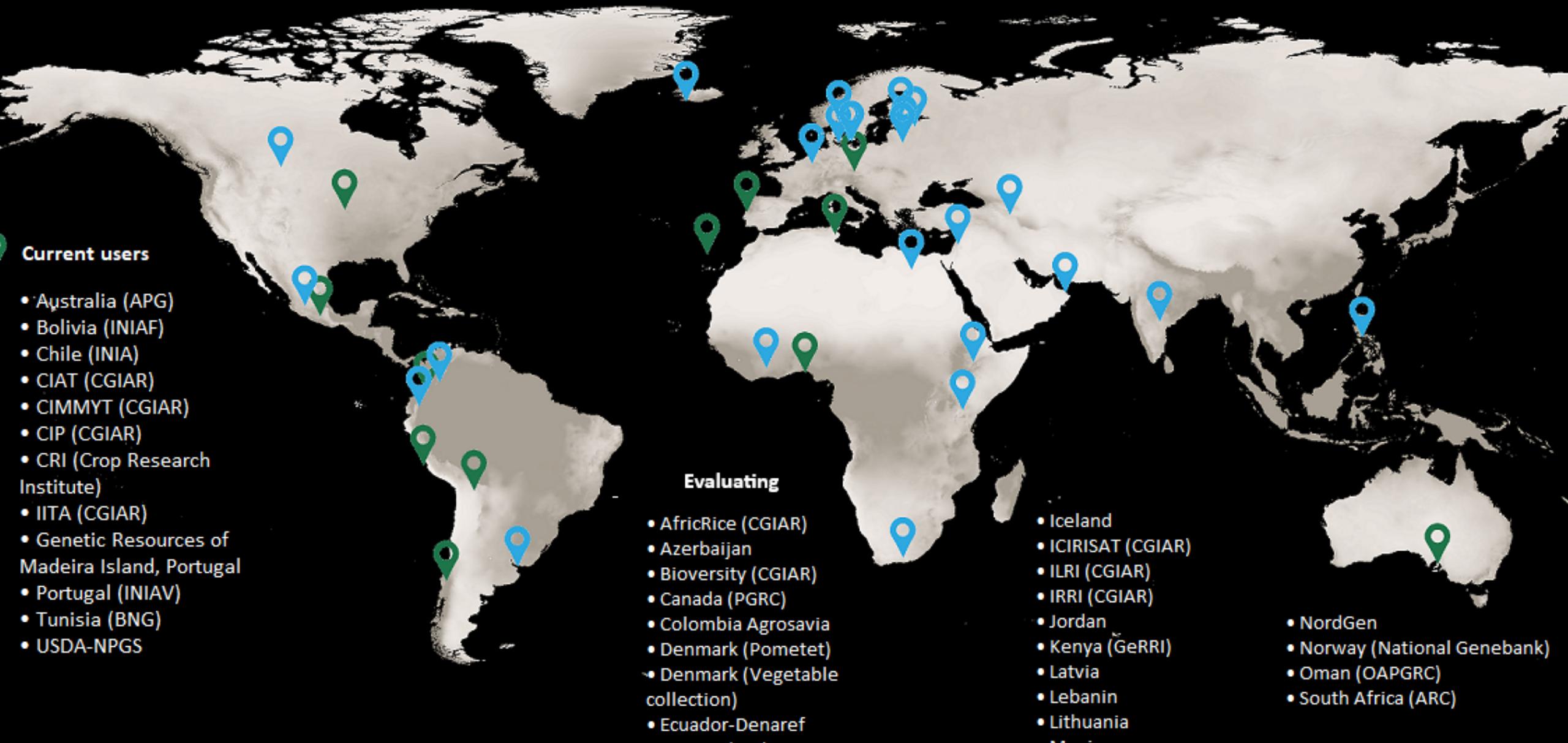


GRIN: 1986 - 2015

GG: Nov. 30, 2015



GRIN-Global Around the World



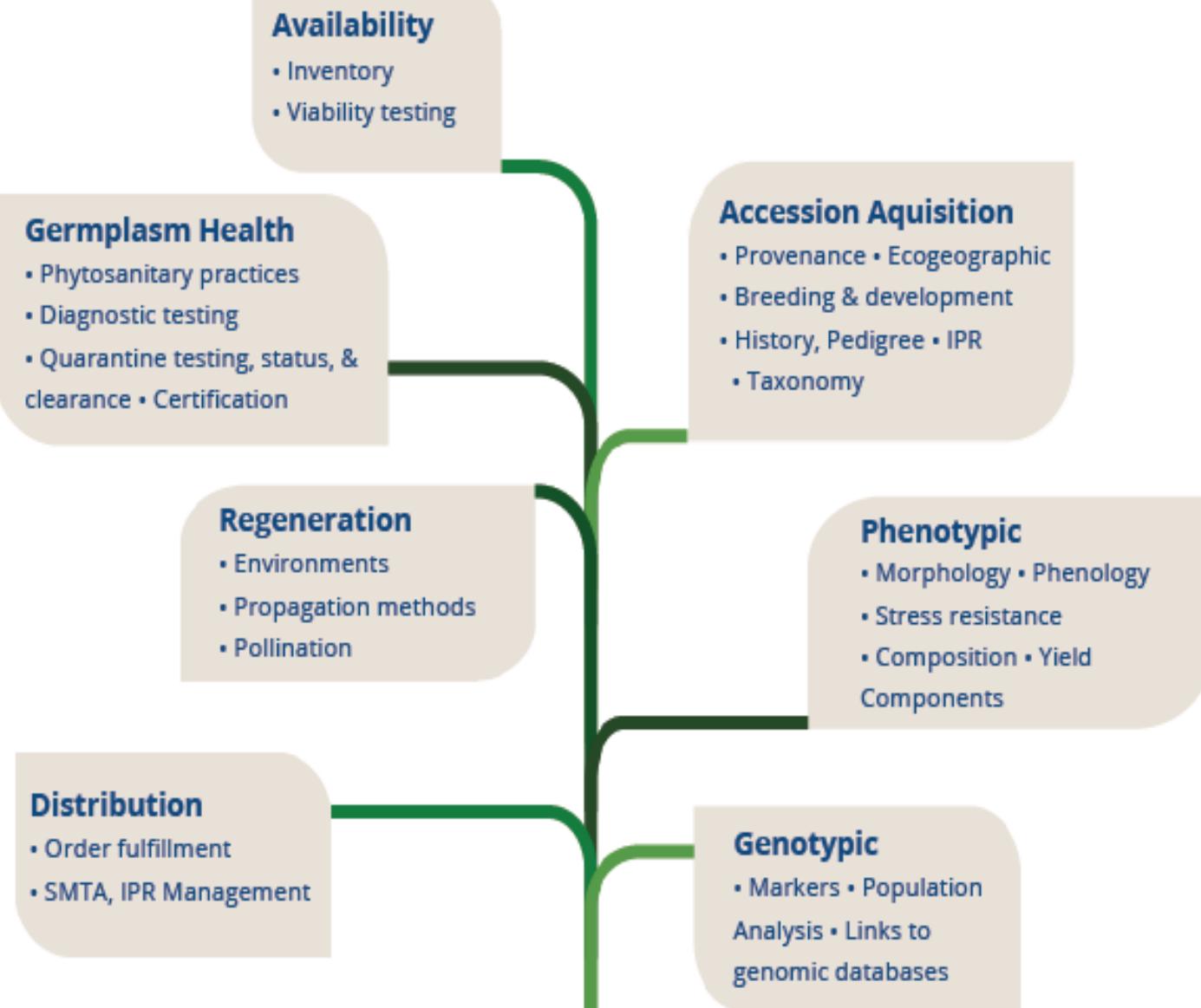
GG is comprised of a suite of programs



users



administrator



...Database Alternatives

Database 1	Accession Table							
	ID	Prefix	Number	Suffix	Name 1	Name 2	Name 3	Name 4
	1234	MAR	1	RRG	Yello Mello	Yatzee 123	Silver Fairy	Quattro B
	5678	MAR	2	RRG	Frankie3	BettyBgood		

...Database Alternatives

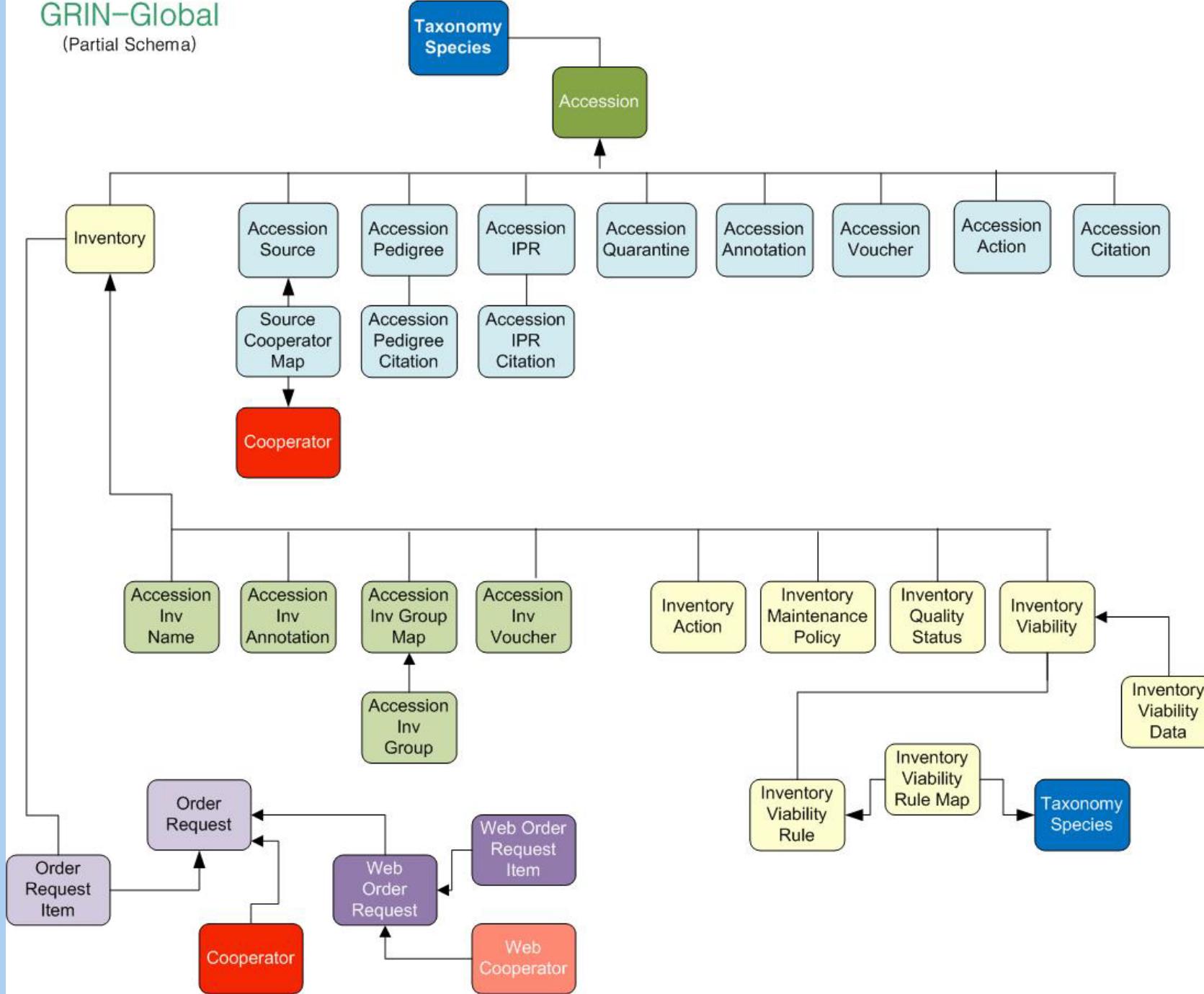
Database 1	Accession Table							
	ID	Prefix	Number	Suffix	Name 1	Name 2	Name 3	Name 4
	1234	MAR	1	RRG	Yello Mello	Yatzee 123	Silver Fairy	Quattro B
	5678	MAR	2	RRG	Frankie3	BettyBgood		
Database 2	Accession Table							
	ID	Prefix	Number	Suffix	Names			
	1234	MAR	1	RRG	Yello Mello, Yatzee 123, Silver Fairy, Quattro B			
	5678	MAR	2	RRG	Frankie3, BettyBgood			

...Database Alternatives

Database 3	Accession Table				Names Table		
	ID	Prefix	Number	Suffix	ID	Name	Acc_ID
	1234	MAR	1	RRG	1	Yello Mello	1234
	5678	MAR	2	RRG	2	Yatzee 123	1234
					3	Silver Fairy	1234
					4	Quattro B	1234
					5	Frankie3	5678
					6	BettyBgood	5678

GRIN-Global

(Partial Schema)



Object Explorer

Connect ▾

- Tables
 - System Tables
 - FileTables
 - External Tables
 - Graph Tables
 - dbo.accession**
- Columns
 - accession_id (PK, int, not null)
 - doi (nvarchar(20), null)
 - accession_number_part1 (nvarchar(50), not null)
 - accession_number_part2 (int, null)
 - accession_number_part3 (nvarchar(50), null)
 - is_core (nvarchar(1), not null)
 - is_backed_up (nvarchar(1), not null)
 - backup_location1_site_id (FK, int, null)
 - backup_location2_site_id (FK, int, null)
 - status_code (nvarchar(20), not null)
 - life_form_code (nvarchar(20), null)
 - improvement_status_code (nvarchar(20), null)
 - reproductive_uniformity_code (nvarchar(20), null)

DESKTOP-O7PBIDOS...l - dbo.accession

Column Name	Data Type	Allow Nulls
accession_id	int	<input type="checkbox"/>
doi	nvarchar(20)	<input checked="" type="checkbox"/>
accession_number_part1	nvarchar(50)	<input type="checkbox"/>
accession_number_part2	int	<input checked="" type="checkbox"/>
accession_number_part3	nvarchar(50)	<input checked="" type="checkbox"/>
is_core	nvarchar(1)	<input type="checkbox"/>
is_backed_up	nvarchar(1)	<input type="checkbox"/>
backup_location1_site_id	int	<input checked="" type="checkbox"/>
backup_location2_site_id	int	<input checked="" type="checkbox"/>
status_code	nvarchar(20)	<input type="checkbox"/>
life_form_code	nvarchar(20)	<input checked="" type="checkbox"/>
improvement_status_code	nvarchar(20)	<input checked="" type="checkbox"/>

Column Properties

(General)

(Name)	accession_id
Allow Nulls	No
Data Type	int

GG Data Dictionary (online)

GRIN-Global_data_dictionary ☆

File Edit View Insert Format Data Tools Help All changes saved

Share

GRIN-Global_data_dictionary						
Table	Field Name	GRIN Field Name	Display Name (English Friendly Name)	Definition / Usage / Examples (Code/Values)	Data Type	Nullab
accession	accession_id	acid	Accession ID	Table's primary key (PK) field. (Auto-generated by GRIN-Global; field cannot be edited.)	int	NO
Table of information assigned to the accession when the accession is initially entered into the system.						
violet color indicates required field; also, specifically related to this dataview, the combination of						

[Data Dictionary link](#)

- - the end -