

Session 5

- homework review / any questions?
- Security: Ownership & Permission
- Images & Attachments
- PW: Queries & Reports Overview
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Ownership & Permissions

Security: Two Concepts

- Ownership ...
... which cooperator owns the record
- Permissions ...
...

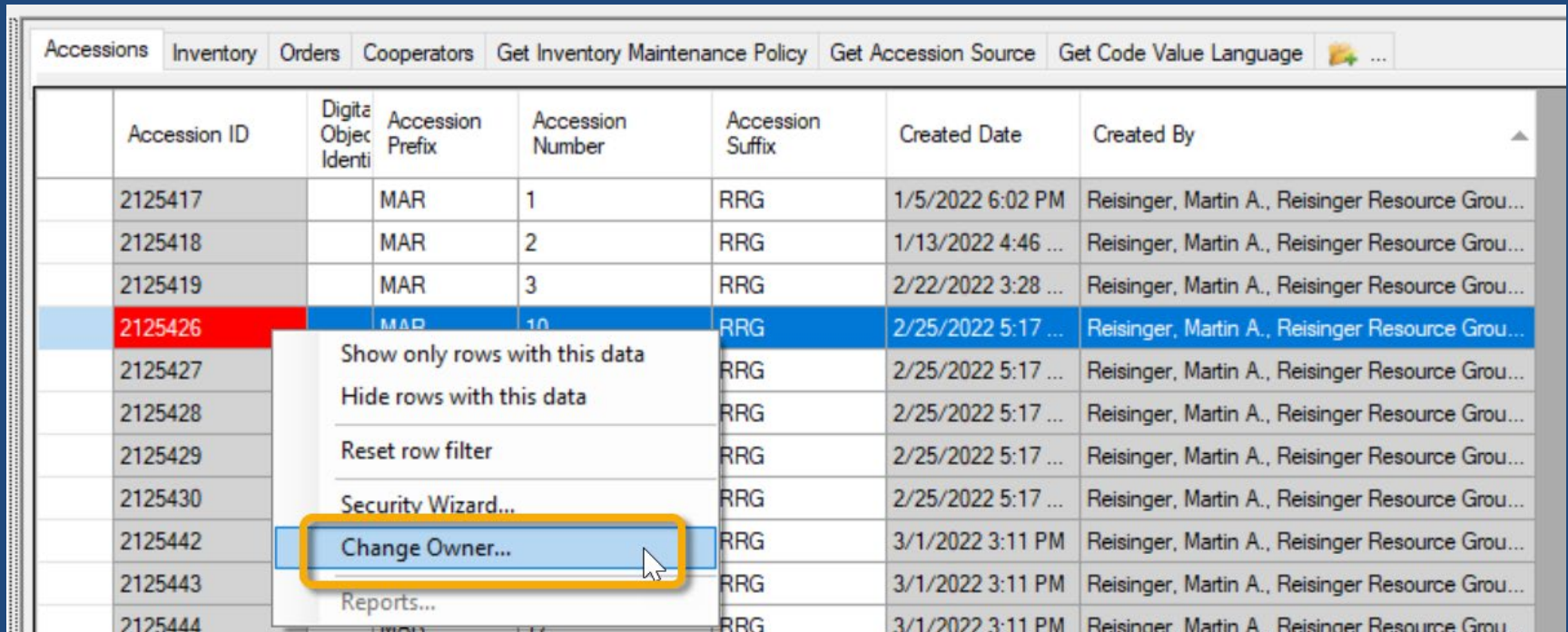
Security: Two Concepts

- Ownership ...
... which cooperator owns the record
- Permissions ...
... who can update or delete the record

Ownership

- “Owned_by” is determined by the user who creates the record (*usually*)
- The record owner can transfer ownership to another user
- Only one owner per record

Ownership Transfer



The screenshot displays a software interface with a menu bar at the top containing 'Accessions', 'Inventory', 'Orders', 'Cooperators', 'Get Inventory Maintenance Policy', 'Get Accession Source', and 'Get Code Value Language'. Below the menu bar is a table with the following columns: 'Accession ID', 'Digital Object Identifier', 'Accession Prefix', 'Accession Number', 'Accession Suffix', 'Created Date', and 'Created By'. The table contains several rows of data. The row with Accession ID 2125426 is highlighted in blue. A context menu is open over this row, listing options: 'Show only rows with this data', 'Hide rows with this data', 'Reset row filter', 'Security Wizard...', 'Change Owner...', and 'Reports...'. The 'Change Owner...' option is highlighted with a yellow box, and a mouse cursor is pointing at it.

Accession ID	Digital Object Identifier	Accession Prefix	Accession Number	Accession Suffix	Created Date	Created By
2125417		MAR	1	RRG	1/5/2022 6:02 PM	Reisinger, Martin A., Reisinger Resource Grou...
2125418		MAR	2	RRG	1/13/2022 4:46 ...	Reisinger, Martin A., Reisinger Resource Grou...
2125419		MAR	3	RRG	2/22/2022 3:28 ...	Reisinger, Martin A., Reisinger Resource Grou...
2125426		MAR	10	RRG	2/25/2022 5:17 ...	Reisinger, Martin A., Reisinger Resource Grou...
2125427				RRG	2/25/2022 5:17 ...	Reisinger, Martin A., Reisinger Resource Grou...
2125428				RRG	2/25/2022 5:17 ...	Reisinger, Martin A., Reisinger Resource Grou...
2125429				RRG	2/25/2022 5:17 ...	Reisinger, Martin A., Reisinger Resource Grou...
2125430				RRG	2/25/2022 5:17 ...	Reisinger, Martin A., Reisinger Resource Grou...
2125442				RRG	3/1/2022 3:11 PM	Reisinger, Martin A., Reisinger Resource Grou...
2125443				RRG	3/1/2022 3:11 PM	Reisinger, Martin A., Reisinger Resource Grou...
2125444				RRG	3/1/2022 3:11 PM	Reisinger, Martin A., Reisinger Resource Grou...

Change Ownership ...

New Owner:

Selected rows only

Selected rows and all children rows

Accession Number	Accession Suffix	Created Date	Created By
1	RRG	1/5/2022 6:02 PM	Reisinger, Martin A., Reisinger Resource Grou...
2	RRG	1/13/2022 4:46 ...	Reisinger, Martin A., Reisinger Resource Grou...
3	RRG	2/22/2022 3:28 ...	Reisinger, Martin A., Reisinger Resource Grou...
10	RRG	2/25/2022 5:17 ...	Reisinger, Martin A., Reisinger Resource Grou...
11	RRG	2/25/2022 5:17 ...	Reisinger, Martin A., Reisinger Resource Grou...
12	RRG	2/25/2022 5:17 ...	Reisinger, Martin A., Reisinger Resource Grou...
13	RRG	2/25/2022 5:17 ...	Reisinger, Martin A., Reisinger Resource Grou...

current &
future
children

Ownership

- children (tables) can inherit the security settings of the parent
- Inheritance only cascades one level

Accession

_action
_ipr
_pedigree
_quarantine
_source

Ownership Exception

- Inventory
- *when an Inventory record is created,*
an Inventory Maintenance Policy (IMP) field
must be entered. The owner of the IMP owns
the new Inventory record

Accessions **Inventory** Orders Cooperators Get Inventory Maintenance Policy Get Accession Source Get Code Value Language 🌱 ...

Inventory ID	Accession	Inventory	Created Date	Created By	Owned Date	Owned By
5568030	MAR 3 RRG	MAR 3 RRG **	2/22/2022 3:28 ...	Reisinger, Martin A., Rei...	2/22/2022 3:28 ...	Reisinger, Martin A., R...
5568064	MAR 1 RRG	MAR 1 RRG202...	3/1/2022 3:59 PM	Reisinger, Martin A., Rei...	3/1/2022 3:59 PM	Reisinger, Martin A., R...
5568140	MAR 10 RRG	MAR 10 RRG SD	3/8/2022 3:12 PM	Reisinger, Martin A., Rei...	3/8/2022 3:12 PM	Reisinger, Martin A., R...
5568022	MAR 1 RRG	MAR 1 RRG **	1/5/2022 6:02 PM	Reisinger, Martin A., Rei...	1/5/2022 6:02 PM	Reisinger, Martin A., R...
5568023	MAR 1 RRG	MAR 1 RRG SD	1/5/2022 6:08 PM	Reisinger, Martin A., Rei...	1/5/2022 6:08 PM	Reisinger, Martin A., R...
5568135	MAR 1 RRG	MAR 1 RRG2 SD	3/8/2022 2:46 PM	Reisinger, Martin A., Rei...	3/8/2022 2:46 PM	Hummer, Kim, USDA, A...
5568139	MAR 1 RRG	MAR 1 RRG3 SD	3/8/2022 3:06 PM	Reisinger, Martin A., Rei...	3/8/2022 3:06 PM	Reisinger, Martin A., R...
5568024	MAR 2 RRG	MAR 2 RRG **	1/13/2022 4:46 ...	Reisinger, Martin A., Rei...	1/13/2022 4:46 ...	Reisinger, Martin A., R...
5568025	MAR 2 RRG	MAR 2 RRG SD	1/13/2022 5:10 ...	Reisinger, Martin A., Rei...	1/13/2022 5:10 ...	Reisinger, Martin A., R...

Accessions **Inventory** Orders Cooperators Get Inventory Maintenance Policy Get Accession Source Get Code Value Language 🌱 ...

Accession	Inventory Maintenance Policy	Inventory	Created By	Modified Date	Modified By	Owned By
MAR 1 RRG	HUM-SEED	MAR 1 RRG2 SD	Reisinger, Martin A., Rei...			Hummer, Kim, USDA, ARS
MAR 1 RRG	MAR-Hops-Seeds	MAR 1 RRG3 SD	Reisinger, Martin A., Rei...			Reisinger, Martin A., Reisinger Resource Group, ...
MAR 2 RRG	SYSTEM	MAR 2 RRG **	Reisinger, Martin A., Rei...			Reisinger, Martin A., Reisinger Resource Group, ...
MAR 2 RRG	MAR-Hops-Seeds	MAR 2 RRG SD	Reisinger, Martin A., Rei...	2/24/2022 9...	Reisinger, Martin ...	Reisinger, Martin A., Reisinger Resource Group, ...
MAR 10 RRG	SYSTEM	MAR 10 RRG **	Reisinger, Martin A., Rei...			Reisinger, Martin A., Reisinger Resource Group, ...

Accessions **Inventory** Orders Cooperators Get Inventory Maintenance Policy Get Accession Source Get Code Value Language 🌱 ...

Accession	Inventory Maintenance Policy	Inventory	Created By	Modified Date	Modified By	Owned By
MAR 1 RRG	SYSTEM	MAR 1 RRG **	Reisinger, Martin A., Rei...			Reisinger, Martin A., Reisinger Resource Group, ...
MAR 1 RRG	HUM-SEED	MAR 1 RRG SD	Reisinger, Martin A., Rei...	3/8/2022 2:...	Reisinger, Martin ...	Reisinger, Martin A., Reisinger Resource Group, ...
MAR 1 RRG	HUM-SEED	MAR 1 RRG2 SD	Reisinger, Martin A., Rei...			Hummer, Kim, USDA, ARS
MAR 1 RRG	MAR-Hops-Seeds	MAR 1 RRG3 SD	Reisinger, Martin A., Rei...			Reisinger, Martin A., Reisinger Resource Group, ...
MAR 2 RRG	SYSTEM	MAR 2 RRG **	Reisinger, Martin A., Rei...			Reisinger, Martin A., Reisinger Resource Group, ...
MAR 2 RRG	MAR-Hops-Seeds	MAR 2 RRG SD	Reisinger, Martin A., Rei...	2/24/2022 9...	Reisinger, Martin ...	Reisinger, Martin A., Reisinger Resource Group, ...
MAR 10 RRG	SYSTEM	MAR 10 RRG **	Reisinger, Martin A., Rei...			Reisinger, Martin A., Reisinger Resource Group, ...
MAR 10 RRG	MAR-Hops-Seeds	MAR 10 RRGi20...	Reisinger, Martin A., Rei...			Reisinger, Martin A., Reisinger Resource Group, ...
MAR 11 RRG	SYSTEM	MAR 11 RRG **	Reisinger, Martin A., Rei...			Reisinger, Martin A., Reisinger Resource Group, ...

Ownership vs. Permissions

- each record has only one owner
- an owner can give permission to as many people as desired to edit (update) or delete records

Permissions

In the CT, via the Security Wizard,
an owner grants permissions:

- to other users
- within a dataview
- on a record basis

Permissions

The owner of a record can grant permission to other users to:

- Read
- Update
- Delete

... data displayed in a dataview as well as children data of that record

Permissions Defined

Each permission right can have one of three values:

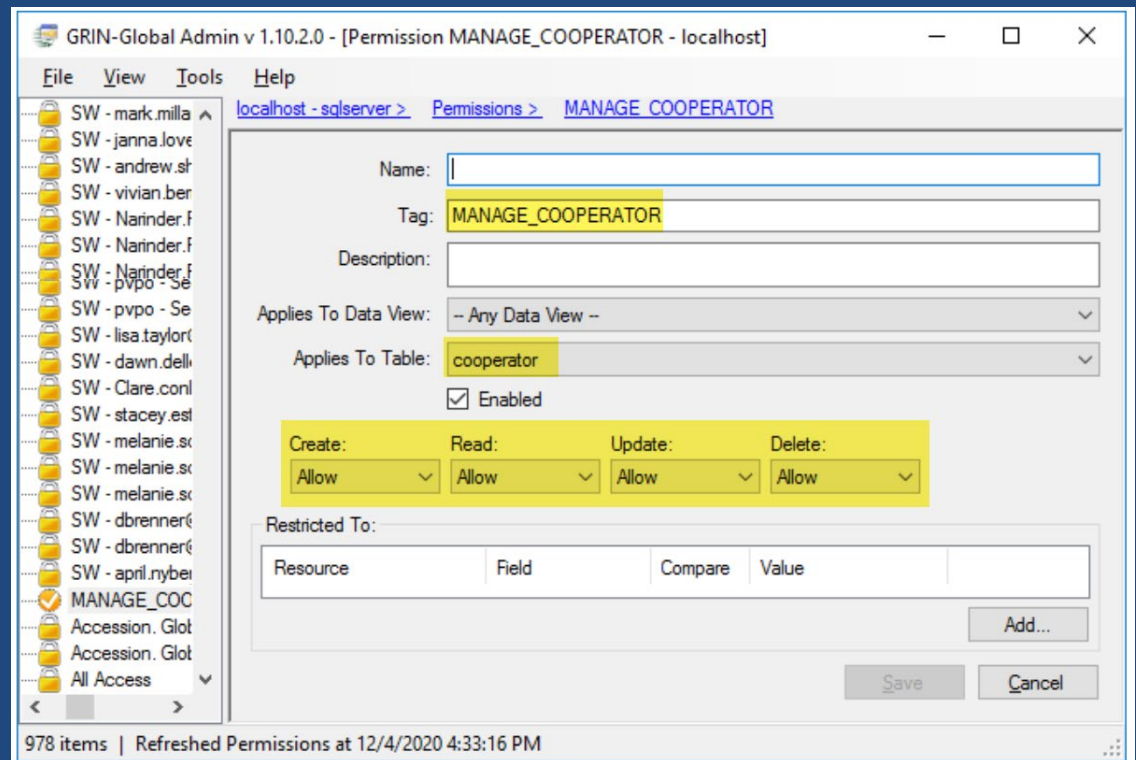
Value	Description
Allow	Allows access
Deny	Denies access
Inherit	Neither allows nor denies access; access is situational; it is inherited from a previous definition

Special Cases

- Defined by the Database Administrator (DBA) using the GG Admin Tool
- DBA associates the permissions to specific users

Ex. 1: Allowing access to a specific table

The following permission allows complete access to the cooperator table:



Ex. 2: Allowing access for all of a site's records

The screenshot shows the GRIN-Global Admin v 1.10.2.0 interface. The window title is "GRIN-Global Admin v 1.10.2.0 - [Permission MANAGE_SITE_NC7 - localhost]". The breadcrumb navigation is "localhost - sqlserver > Permissions > MANAGE_SITE_NC7".

The left sidebar shows a tree view of permissions, with "MANAGE" permissions highlighted. The main configuration area for "MANAGE_SITE_NC7" includes:

- Name: (empty text box)
- Tag: MANAGE_SITE_NC7
- Description: (empty text box)
- Applies To Data View: -- Any Data View --
- Applies To Table: -- Any Table --
- Enabled
- Permissions: Create: Inherit, Read: Inherit, Update: Allow, Delete: Allow
- Restricted To: A table with one row: site, site_id, =, 16

Buttons for "Save" and "Cancel" are at the bottom right. The status bar at the bottom left shows "978 items | Refreshed Permissions at 12/4/2020 4:38:27 PM".

Resource	Field	Compare	Value
site	site_id	=	16

DBA

