Assignment 2: Hands-on Practice with the Curator Tool



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This exercise should be completed after attending the 2nd GRIN-Global webinar session.

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Create a new Tab

In the Curator Tool (CT), set up a new tab. Right click on an existing tab in the left, list panel.



Name the tab something – anything you prefer.

Searching the database

Open the Search tool. Search for a favorite genus of yours, such as *Humulus* or *Rubus*. Remember that the Taxon field expects a complete *Genus species*, so the genus by itself is not a complete entry for Taxon. Use a wild card with the genus, such as **Humulus%**.

Basic	Query								
	Search Now!	3							
Find	l: Default	0	accession			\sim			
	ching Any Word	۲	All Words	🔿 List o	f Items				
Sea	rch Criteria								
		omy_species_	id IN (454416, 41	15439, 19414, 19	415, 415438, 4	415437, 415440, 4154	135, 415436, 31651	3, 317824, 3	16512) (4)
	rch Results Add To Query	, 2	Clear Query						Limit: 10000
Acc	cessions Inv	entory Orden	s Cooperators	Get Crop Get (Crop Trait Ge	et Crop Trait Code Lan	g Get Taxonomy	Crop Map	Get Crop Trait Observ
						Humulus%	1		
	Accession ID	Digital Object Identifier	Accession Prefix	Accession Number	Accession Suffix	Taxon	Name	Origin	Maintenance Site
	1184		DNK	1718		Humulus lupulus	Carlsberg 9		AU-FOOD
	1191		DNK	1751		Humulus lupulus	Homdrup		AU-FOOD
	1192		DNK	1750	5	Humulus lupulus	2800 Lyngby		AU-FOOD
	1102		DNIK	1740			Otherally		ALL FOOD



During this exercise, keep the Search Tool open. Minimize its window when you are not using it.

Build some folders

a. In the CT, create / name a new list / folder My Favs.

In the Search Tool, find some accessions for the Taxon in which you are interested. Drag some or all of the records from the Search Tool (ST) to the **My Favs** folder icon in the CT.

	Add To Que	ery		Clear Query								Limit: 10000
Ac	cessions Ir	nventory	Orders	Cooperators	Get	Crop Get	Crop Trait G	iet Crop	o Trait Code Lan	g Get Taxonomy (Crop Map (Get Crop Trait Obs
									Humulus%			
	Accession ID	Digital Object Identifie		Accession Prefix		Accession Number	Accession Suffix	т	axon	Name	Origin	Maintenance Site
	1202			DNK		1740			imulus lupulus	4700 Næstved		AU-FOOD
	1203			DNK		1739			imulus lupulus	4249 Rude		AU-FOOD
	1204			DNK		1738	:		imulus lupulus	5600 Fåborg		AU-FOOD
	1205			DNK		1737	- 1		imulus lupulus	4295 Stenlille		AU-FOOD

b. In the CT, create / name another folder **My Dynamic Favs**.

Switch back to the earch Tool again – this time, instead of dragging the found records, drag the text (the code) from the Search Tool's large text box to the dynamic folder **My Dynamic Favs** in the CT.

Basic Query			
Search Now!			
Find: Default	O accession	~	
Matching O Any Word	All Words	O List of Items	
Search Criteria			Clear
@accession.taxonomy	/_species_id IN (454416, 41	5439, 19414, 19415, 415438, 415437, 415440, 415435, 415436, 316513, 317824	
		•••• A	
		*	



The Search box in the Search Tool is essentially the same as the search box on the Public Website. The Public Website sometimes uses additional coding, so the effects are not always *exactly* the same. However, you may find it handy to create a search criterion in the Search Tool, and then copy it to the Public Website. (You may even sometimes email this criterion to a public user, to assist them in their use of the PW.)

Accessions De	escriptors Taxonomy	View Cart Report	ts My Profile	About GRIN-G	Blobal Help						
Query Criteria:	<u>Accessions</u> > General		0 10414 10415	415420 415427	415440 415425 41	E426					
	<pre>@accession.taxonomy_species_i cession.taxonomy_species_i</pre>	_ 、 ,	Display: Ac			5430,					
Accessions:	Accessions: Include unavailable Include HISTORIC With images With NCBI link With genomic data										
Advanced Search	h Criteria	Return up to 500	accessions		Search						
Select: All, None, I	Inverse, Highlighted Optio	ns: Show 25 v ite	ems << < 1 - 25	✓ of 26 > >>	Export						
Group E Plant ID	By: Very Plant Name	Taxonomy	Origin	Material	Maintained By	Av					
□ <u>KL 1</u>	KitKat	Humulus lupulus		Seed	NORDGEN	Ad					
<u>TW 2</u>	Star	<u>Humulus lupulus</u>		Seed	NORDGEN	Ad					
П КІ 2	Vulpecula	Humulus lupulus		Seed	NORDGEN	Ad					

Shown here is a partial window of results that for Humulus%

Show lists from: Show All Reisinger, Martin9,	Accessions	Inventory	Orders	Cooperators	Get Accession	Source 🚒 .		
Include Sub-Folders	Ac ID	cession	Digital Object Identifier	Accession Prefix	Accession Number	Accession Suffix	Taxon	Name
ExrAfter2ndDay Tab 11 Monday	118			DNK	1718		Humulus lupulus	Carlsberg
ExrAfter2ndDay Root Folder	119	1		DNK	1751		Humulus lupulus	Homdrup
🖶 🦻 DNK_1737	119	2		DNK	1750		Humulus lupulus	2800 Lyng
	119	3		DNK	1749		Humulus lupulus	Ørbæk
DNK_1739	119	4		DNK	1748		Humulus lupulus	5762 Vest
DNK_173T DNK_1718	120 120 120	13		DNK DNK	1740 1739 1738		Humulus lupulus Humulus lupulus Humulus lupulus	4249 Rud 5600 Fáb
New List (2)	<	4		DNK	1/38	1	Humulus lupulus	2600 Fa

Which of the folders on the previous page would be better for tracking a group of *specific* accessions? (a) or (b)

Bulk adding of accessions

By this, I mean creating new accessions by dragging rows from a spreadsheet to the Curator Tool.

The key points are:

- columns must be *identically spelled* in the CT and in the spreadsheet
- when adding new records, not all the columns need to be included, but the *ID column must be included*
- when *adding new* records, the cells under the **ID column** are *empty*
- when *updating existing* records, the ID column *is filled* with the corresponding IDs of the existing records
- the CT must be in edit mode when you drag the rows from Excel to the CT

Adding records:

	Accessio	ons Inventor	Orders Co	operators G	et Accession !	Source 😕				
	Ac	(Cession	Digital Dbject dentifier			Accession Suffix	Taxon		Name	Origin
A1		• : ×	· ~ J	x Acces	sion ID					
	А	В	С	D	E		F	C		
1	Accession ID	Digital Object Identifier		Accession Number	Accession Suffix	Taxon		Nam	4	
2			MAR		RRG	Humulus		GREE		
3			MAR		RRG	Humulus				
4			MAR		RRG	Humulus		Golde		
5			MAR	-1	RRG	Humulus	lupulus	43		
ĸ	Cata Ed	lo ting Data	of 0 │ ▶ Save Data	Canc		idit Mode] Hide Non-E] Hide Unch	fror Rows anged Rows		Paste Warnings anged Data	







Practice!

Drag and Drop

Practice *adding* a set of (~ 10 or so?) Accession records from a spreadsheet at one time. Remember when adding the new accessions from the sheet to the CT that you will include the **Accession ID** heading, but the IDs will be empty.

- a. You might consider using the Search Tool to find Accessions from which you can use to model your new accessions. You can drag one or more Accessions from the Search Tool to a spreadsheet.
- b. In the spreadsheet, modify some of the fields don't worry about the audit fields (or any gray fields). Be sure to include the field **Is Web Visible?** and indicate with **Y** for the column.
- c. Drag the spreadsheet records to the CT, and drop in the datagrid in the right panel.
- d. Open a browser window and use the URL: <u>https://training.ars-grin.gov/gringlobal/search</u> to search for one of your new accessions. Example:

Select the tab fo	or the type o	of search. Each tab	has ever	rything you need to do to perform that type of search.
Return up to 50	0 ~			
(Results of more that	an 500 will not	return images.)		
Simple Search	List Search	Advanced Search	Results	
The more informa		de, the better the sea	arch will be Q <u>Search</u>	e. ★ Clear All
Scientific name (any	y part)	e.g., Zea or ma	ays (also sea	earches synonyms)

System Inventory Records

When you switch from the Accession dataview to the inventory dataview, you will see system inventory records that are needed by the CT. However, since they are not meaningful to the CT user, they can be hidden.

If you have a folder with a list pointing to Accessions records, and then switch to the inventory dataview, try hiding the system inventory records. What do you do to hide them? (answer on the next page)

Inventory ID	Inventory Maintenance Policy	Accession	Inventory Prefix	Inventory Number	Inventory Suffix	Inventory Type	Invento Mainter Site
1028	DNK_CL_N/A_N/A_N/A	DNK 1748	DNK1748	1	1	CL	AU-FOO
1031	DNK, CI., N/A N/A N/A	DNK 1749	DNK1749	1	1	CL	AU-FOO
3256	SYSTEM	DNK 1737	DNK	1737	D		AU-FOO
3258	SYSTEM	DNK 1738	DNK	1738	~		AU-FOO
3259	SYSTEM	DNK 1739	DNK	1739			AU-FOO
3262	SYSTEM	DNK 1740	DNK	1740			AU-FOO
3265	SYSTEM	DNK 1741	DNK	1741			AU-FOO

Hint:

Right-click in the field Inventory Type field; select Hide rows...

ventory refix	Inventory Number	Inventory Suffix	Inventory Type	Invento ^ Mainter Site	1 Choos	< >
IK1748	1	1	CL	AU-FOO	Column	
IK1749	1	1	CL	AU-FOO	ŏ	
IK1750	1	1	CL	AU-FOO	ous	
IK1751	1	1	CL	AU-FOO	Other Options	
IK	1718		Ä o	AU-FOO	Other	
IK	1737			AU 500	- ·	
IK	1738			Show only rov		
IK	1739			Hide rows wit	h this c	lata 2
ıк	1740		••	Reset row filte	er	\smile
ıк	1741		••	Security Wizar	rd	

e. Leave the browser window open, but return to the CT and edit the records in the CT. Change at least one of the accession to have its **Is Web Visible?** column unchecked (not selected) and return to the Public Website to see what effect this has. What effect does it have?

Name Groups

To simplify the discussion of adding a Name record, we never really discussed the **Name Group** field. Let's explore that now. Here's an example of one Name Group used in the USDA database:

Basic Query								
Search Now!								
Find: Default	O acc	ession		~				
Matching O Any Word	AI W	/ords	O List of Ite	ems				
Search Criteria							-	Clear Tex
Search Results								
Add To Query	Clea	ar Query				Lin	nit: 100 🖨 Pa	ge Size: 1000
Accession Get Acce	ssion Action	Get Accessio	n Inventory Name	Inventory Coope	rator Orders Get (Crop Trait Get Inventor	y Action Get · ·	Show All C
Accession Inventory Name ID	Access	ion	Inventory	Category	Name	Name Rank	Name Group	Cooperator
18781	Ames 24	4615	Ames 24615 **	Donor identifier	GUAT 897	60	CIMMYT	
19262	Ames 24	4605	Ames 24605 **	Donor identifier	CAMP 77	60	CIMMYT	
19419	Ames 24	4608	Ames 24608 **	Donor identifier	CHIH 23	60	CIMMYT	
20106	Ames 24	4606	Ames 24606 **	Donor identifier	CHIS 46	60	CIMMYT	
21442	0	1010	Amer 24010 **	Descridentifier	COALLEC	CO	CIMILIANT	

In this example, these records are the names for accessions that came from the CIMMYT genebank. When creating a new **Name** record, the **Name Group** field is selected from a Lookup Table. That means then that a table of Group Names is being used for this field, so you cannot simply enter anything. You must use an existing **Name Group**.

The document, *Grouping Summary Guide*, summarizes several ways to group records in GG including these Name Groups. See https://www.grin-global.org/docs/gg_grouping_summary.docx

On page two I summarized what Name Groups are typically used for: "Name Group can be used to group plant names. An accession inventory name can belong to just one group..."



Practice! (Easy to do!) Explore making a **Name Group**. Use the document mentioned above. Create a new **Name Group** record. Then use it while making a **Name** record. If initially the name doesn't display in the Lookup Picker window, use the Refresh button and it should display then.

I'll discuss grouping later, and show another way to group accessions which I think is more useful than Name Groups for grouping accessions easily for Public Website users.



Practice! Back to something said earlier. Try deleting the **Accession** record for which you had created the **Name** record. ...You can't!

Inventory

The complete Inventory Guide is online at https://www.grin-global.org/docs/gg_inventory.docx

Some bullet points here:

• every accession has at least one inventory record; this record is referred to as the system inventory record. It *does not represent a physical inventory lot*, such as a jar of seeds.

When a new accession record is created, the accession's system inventory record is also created.

- system inventory records always have the same Type field: **
- every inventory identifier must be a unique combination of 4 fields:
 - Prefix
 - o Number
 - o Suffix
 - o **Type**
- An accession may have several (or even many) inventory lots there is no limit. But always keep in mind the rule immediately above...

Examples:

Acc	Accessions Inventory Orders Cooperators Get Accession Source 🚒													
	Inventory ID	Inventory Maintenance Policy	Accession	Inventory Prefix	Inventory Number	Inventory Suffix	Inventory Type	Inventory Maintenance Site	Is Default Inventory?	Is Auto Deducted?	ls Available?	Availability Status		
•	240696	SYSTEM	MAR 35 RRG	MAR		RRG		NORDGEN				No value specified		
	240704	MAR-HOPS	MAR 35 RRG	MAR	35	RRG	СТ	NORDGEN	Y	N	Y	Available		
	240719	Barley_MFL	MAR 35 RRG	MAR	35	RRG	SD	NORDGEN	N	N	Y	Available		
	240720	MAR-HOPS	MAR 35 RRG	MAR	35	RRG.2	SD	NORDGEN	Y	Y	Y	Available		

Search	Resul	ts							
Ad	ld To C	Juery		Clear Query				Limit: 200 🖨 Page	e Size: 100 🜲
Acces	sions	Invento	v Orders	Cooperator	s Get Crop	Get Crop Trai	it Get Crop T	rait Code Lang G • •	Show All Columns
	•		DNK201						
	Inve	ntory ID	Inventory Prefix	Inventory Number	Inventory Suffix	Inventory Type	Accession	Inventory Maintenance Policy	Inventory Maintenance Site
۶.	32		DNK201			CL	DNK 201	DNK_CL_N/A_N/A_N/A	РМТ
	1263		DNK201	1	2	CL	DNK 201	DNK_CL_N/A_N/A_N/A	PMT

Inventory Maintenance Policy

In a few minutes you will create several inventory records for at least two of your accessions. However, before you can do that, you need to understand the role of the Inventory Maintenance Policy...

One of the inventory record's required fields is the **Inventory Maintenance Policy**. Before you create an inventory record, you must decide on what **Inventory Maintenance Policy** you will use. In the current database, some of these policies exist – you could use one of them. But it would be better if you didn't, but instead create your own policy.

An important rule to remember in GG is that whoever owns the policy record, when it is used in creating the new inventory record, will also be the owner of the inventory record. Why was this designed to work this way?

Think of this case – as the curator, you may have many technicians, students, or perhaps even volunteers who may be cleaning and counting seeds and in turn creating GG inventory records. As the curator you may want them to do that, and also create the corresponding inventory records, in the database. But later you will want to control these records and be able to edit the records. (Later we'll discuss ownership and permissions in detail.)

All that said, for this exercise you should create your own **Inventory Maintenance Policy** (IMP) record; otherwise, use an existing policy. Unless you use your IMP, *you will not own the new inventory record*.

Think of a policy as nothing more than a template for creating a *new* inventory record. You might expect the policy (because of the word "policy") to continue to control the inventory record, but after the inventory has been created, the policy basically no longer impacts the inventory record.

From page 14:

An **Inventory Maintenance Policy** record (shown here with the red letters) will fill in the respective fields in the new inventory record when the inventory record is saved.

Inventor Maint Policy II	Name	ance	Form Type	Quant Hand		-	De	Auto ducted?	Distributio Default Form	n Standard Distributio Quantity		Unit of Distribution	Distribution Critical Amount	Critic	enishment al Amount	Regeneration Method
1	SYSTEM		**	[Null]	A	B			- 6			Null] 🨉		0	G	[Null]
690	Humulus	RRG-SD	SD	count					SD	25.00000	c	count	2000.00000	5000.	00000	[Null]
691	Humulus	RRG-CT	СТ	count	Cutt	ings are seaso	onally		СТ	5.00000	c	count	20.00000	50.00	000	[Null]
692	Humulus	RRG-IV	IV	count					13.4	3.00000		count	10.00000	20.00	000	01.40
Access	seione Get Inven				Inventory	Get Order Rec	unet Get	Geography	IV Get Access							[Null]
Acces	ssions Get Invent				Inventory	Get Order Req	uest Get					ion Inventory N				
on	ssions Get Invent Inventory Maintenance Policy		nance Po	olicy Get		ls	Availability	Geography	Get Access	ion Source						
on	Inventory Maintenance	ory Mainter Invento Mainter	nance Po pry nance	olicy Get	Is Auto	ls	Availability	Geography y	Get Access	ion Source	Get Access Standard Distribution	ion Inventory N Quantity On Hand	ame Get Sys Standard Distribution	s Table Field Li Unit of	ang 🚒 Distribution Critical	Replenishn
on RRG 1	Inventory Maintenance Policy	ory Mainter Invento Mainter Site	nance Propry nance	lolicy Get Is Default Inventory?	ls Auto Deducted	ls ? Available?	Availabilit; Status	Geography y specified	Get Access Status Qua Note On I	on Source ntity Hand	Get Access Standard Distribution	ion Inventory N Quantity On Hand	ame Get Sys Standard Distribution	s Table Field Li Unit of	ang 🚒 Distribution Critical	Replenishn Critical Amo
on RRG S	Inventory Maintenance Policy SYSTEM	Inventor Mainter Site NC7 NC7	nance Propry nance	lolicy Get Is Default Inventory?	ls Auto Deducted	ls ? Available?	Availability Status No value s	Geography y specified	Get Access Status Qua Note On I	on Source ntity Hand	Get Access Standard Distribution Quantity	ion Inventory N Quantity On Hand Units	ame Get Sys Standard Distribution Form	s Table Field Li Unit of	Distribution Critical Amount	Replenishr

(Web Availability Note not shown in the second graphic, but that field would be empty in this example since the corresponding policy has an empty Web Availability Note field.)

Some more bullet points on inventory:

• It is now possible in GG for the Public Website user to select a preferred inventory form when more than one form is available. (This was a fairly recent change to GG.)

Query Criteria: Search String: mar 35 rrg				
Search For: mar 35 rrg		Help Display:	Accessions ~ H	lelp
Accessions: Include unavailable		☐ With images	With NCBI link	□ With genomic d
Advanced Search Criteria	Return up to 500) · · accessions		Search
☐ Alternative Search method using a list of	accession identifiers ^{Help}			
Actions Select: All, None, Inverse, Highlighted	Options: Show Al	items << < 1 - 1	✓ of 1 > >> Expo	ort
□ Group By: Plant ID ∨ Plant Name	Taxonomy	Origin Material	Maintained By	Availability
MAR 35 RRG	Humulus lupulus	Cutting Seed	NORDGEN	Add to Cart

- In future releases, GG will most likely be modified to handle seasonal date restrictions, and possibly allow the user to select from inventory when multiple lots of the same type are available for the accession. For example, one accession may be growing in the field and has several plants. Some curators might want to make each individual plant available for cuttings
- Inventory is only considered available when two fields on the inventory record are = "Y"
 - Is **Default Inventory?**
 - Is Available?

Acc	Accessions Inventory Orders Cooperators Get Accession Source 🚒											
	Inventory ID	Inventory Maintenance Policy	Accession	Inventory Prefix	Inventory Number	Inventory Suffix	Inventory Type	Inventory Maintenance Site	Is Default Inventory?	Is Auto Deducted?	ls Available?	Availability Status
•	240696	SYSTEM	MAR 35 RRG	MAR	35	RRG	**	NORDGEN	N	N	N	No value specified
	240704	MAR-HOPS	MAR 35 RRG	MAR	35	RRG	СТ	NORDGEN	Y	N	Y	Available
	240719	Barley_MFL	MAR 35 RRG	MAR	35	RRG	SD	NORDGEN	N	N	Y	Available
	240720	MAR-HOPS	MAR 35 RRG	MAR	35	RRG.2	SD	NORDGEN	Y	Y	Y	Available



Practice! Create at least one **Inventory Maintenance Policy** record. Create several **Inventory** records for your accessions.



Make a folder. Drag your Inventory Maintenance Policy record to the folder. Then, on the right grid, switch to the accession an then to the inventory dataviews. Note what records are listed.

S GRIN-Global v1.9.9.7								
File Tools Help								
Q Search 🜾 Accession Wizard	80	ooperator Wizar	d 📔 Crop Tr	ait Wizard 🦷	hventory Attac	hment Wizard 🗳	Or	der Wizard
Show lists from: Show All Martin A., Reisinger Resource Group, Inc.	Get S	ite Accessions	Get Accession P	edigree Get Coop	perator Inventory	Get Order Request	Get (order Reque
Include Sub-Folders		Accession ID	Accession Prefix	Accession Number	Accession Suffix	Taxon		Name
NRRs COTTON Barbi1 MIAMI	•	1090397	MIA	24622		Persea americana		BROOKSV
Barbi1 Root Folder		1127606	PI	99805		Persea americana		Arue
		1209424	PI	281755		Persea americana		Chapultepe
		1209541	PI	281922		Persea americana		Borrego
AVOCADO		1709265	PI	317876		Persea americana		Roatan
AVOCADO-MIA		1727834	MIA	36124		Persea americana		Baldemar
AVOCADO invs New List (4)		1089825	MIA	24252		Persea americana		

To expedite your response time, consider setting a Limit of 100 or 500 records before doing the following exercises since this is just practice.

÷		GRIN-GIODAI Search V1.9.6.41	
Basic Query			
Search Now!		Limit: 500 🖨	
Find: Default	O accession	~	
Matching Any Word	All Words	◯ List of Items	
Search Criteria			Clear Text
			^

Do the following:

a. Using the **Inventory** tab, use the **Inventory Status** field, and search for records whose status is "Not available."

Basic Query								
Search No	w!							
Find: Default		0	accession			\sim		
Matching O Any Word		A	ll Words	С) List of Items			
Search Criteria		-						
@inventory.ava	ailability_stat	tus_code	e = 'NA'					
			3	******				
Search Results					1			
	9		0				[200
Add To Qu	Jery		Clear Query				Limit:	200
Accessions	Inventory	Orders	Cooperators	Get Crop	Get Crop Trait	Get Crop	Trait Code L	ang (
			Not avail	able 1				
?	ls Avail	able?	Availabil Status	ity	Status Note	Availa Start		Ava End
	N		Not avail	able				
	N		Not avail	able				
	N		Not avail	able				
	N		Not avail	able				

b. Try several different searches using multiple criteria – in different QBE cells. Experiment with the two **Matching** options, **Any Word** and **All Words**, indicating OR and AND conditions.

Basic Query		
Search Now!		Limit: 5000 🖨
Find: Default	O inventory	
Matching Any Word	All Words	◯ List of Items
Search Criteria		

9		GRIN-Globa	Search v1.9.6.41			-
Basic Query						
Search Now!			Limit: 5000 ᆃ			
Find: Default	O inventory		~			
Matching Any Word	 All Words 	◯ List o	Items			
Search Criteria						Clear Te
@inventory.availabi	Data View Prop	erties v1.9.6.	41 – 🗆 🗙			
D	ataview Tab Name:					
	Dataview Category:	Area:				
	Client	 Accessi 	n 🗸			
Search Results	Dataview:	Accessi				
Add To Query		Citation	n/Inventory			
Order Request Q	/iewer Style	Code Coopera	tor	pr	1	Show All
	-	Form Genetic		,		
Order Request I		Geograp Inventor Method		.ocal N	Number	Owner Site
61108	Form:	Order		40315		NC7
61124		Other Source/	Habitat	30827		NC7
61185		System Taxonor	ıy	20727	,	NC7
61218	5/6/1992	Web	o 12 to - oteginele.			NC7
0.000	a /a // aaa					

c. Try several different searches using multiple criteria – in the *same* QBE cells. To do that, each time you enter a criterion, click the **Add to Query** button.

Basic Query							
Search N	low!						
Find: Default		O accessi	on		\sim		
Matching O Any Word	I	All Words	s () List of Items			
Search Criter	а						
(@accession	.accession_nu	mber_part1 =	MAR OR Pacce	ession.accessio	n_number_pa	rt1 = 'DNK'))
(@accession	Its	mber_part1 =		ession accessio	n_number_pa		200
Search Resu	its Query	Clear Qu	uery	Get Crop Tra		Limit:	200
Search Resu	its Query	Clear Qu	uery			Limit:	200

d. (The server is using Microsoft's SQL Server database. The following is true for dates in this environment.)

Use '2015% to find 2015 records. Note that you must end the search string with a wildcard, because the date fields also store time in the field.)

	icalus ill at le		te searen.		pic:
9	(GRIN-Global Sea	rch v1.9.6.41		- 🗆 🗙
Basic Query Search Now! Find: Default Matching Any Word Search Criteria	accession All Words	use the % for the wild card	50000 ¢		Clear Text
@accession.created_c	date like '2015%'				~
Search Results					
Add To Query	Clear Query				
Accession Crop	Inventory Order Request	Code Value Cooper	ator Inventory Main	tenance Policy	Show All Columns
ession	Created Date	Created By	Modified Date	Modified By	Owned Date

Try using wildcards in at least one date search. For example:

Best query is in the format: **YYYY-MM-DD** (Trailing wildcard is required or the query will fail.)

No other date formats are supported. So the following are valid searches:

@accession.created_date like '2015%'
@accession.created_date like '2015-09-%'
@accession.created_date like '2015-09-05%'
@accession.created_date like '2015-%-05%'



For consistency, time is converted to Greenwich Mean Time (GMT). For example, records added on the East Coast at 10 pm may be found showing the next day's date.

Extra Exercise: Dynamic Folders



Practice making several dynamic folders. Refer to the online document *Dynamic Folders* <u>https://www.grin-global.org/docs/gg_dynamic_folders.docx</u> for complete details and examples (which you can copy and paste into the Search Tool).