

CHAPTER 42 - LOCATION SETUP WIZARD & LOCATION EXPERT.....2

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CHAPTER 42 - LOCATION SETUP WIZARD & LOCATION EXPERT

Location Wizard

The Location Setup Wizard is used to quickly add a number of locations during the initial setup of a facility or modify several existing locations at once. Access the Location Setup Wizard via Setup / Wizards / Location Wizard.

Location

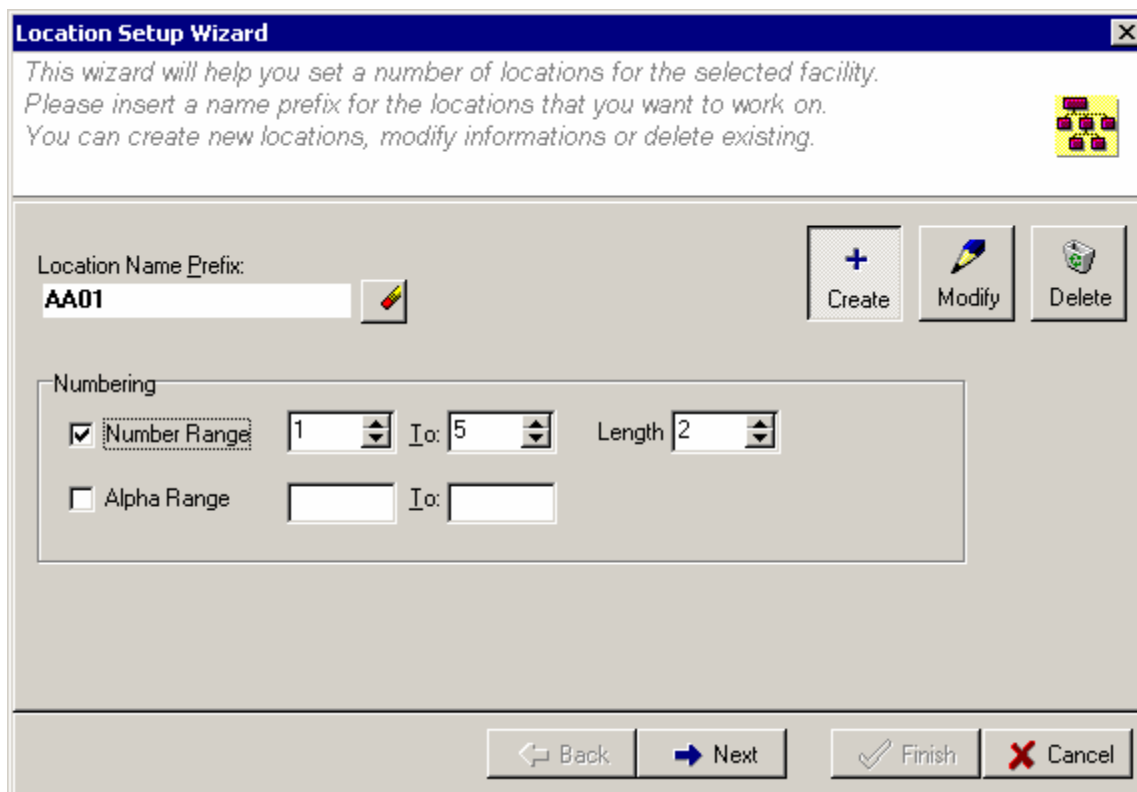
The Location ID must be unique within each facility. It is entered when adding a new location, and cannot be changed. (Incorrect Location ID's can be deleted, and reenter a new Location ID.)

Location IDs are usually assigned in one of two preferred formats: 1) Aisle/Bay/Level, with 1 or 2 letters or numbers for each part of the ID (e.g., AA0303), or 2) Prefix + Sequence, with an alpha prefix that defines the type of location (e.g., DOOR14).

Creating Locations

First enter the Location Name Prefix into the field. Numbers and/or a single letters will be added to the Prefix.

When Number Range is selected use the up and down arrows to select the Sequence numbers. Next select the Length of numbers. For example if 1 To 5 is selected and the Length is 2 then the Sequences will be 01, 02..., 05. If 3 is the selected Length then the Sequence will be 001, 002..., 005.



Location Setup Wizard

This wizard will help you set a number of locations for the selected facility.
Please insert a name prefix for the locations that you want to work on.
You can create new locations, modify informations or delete existing.

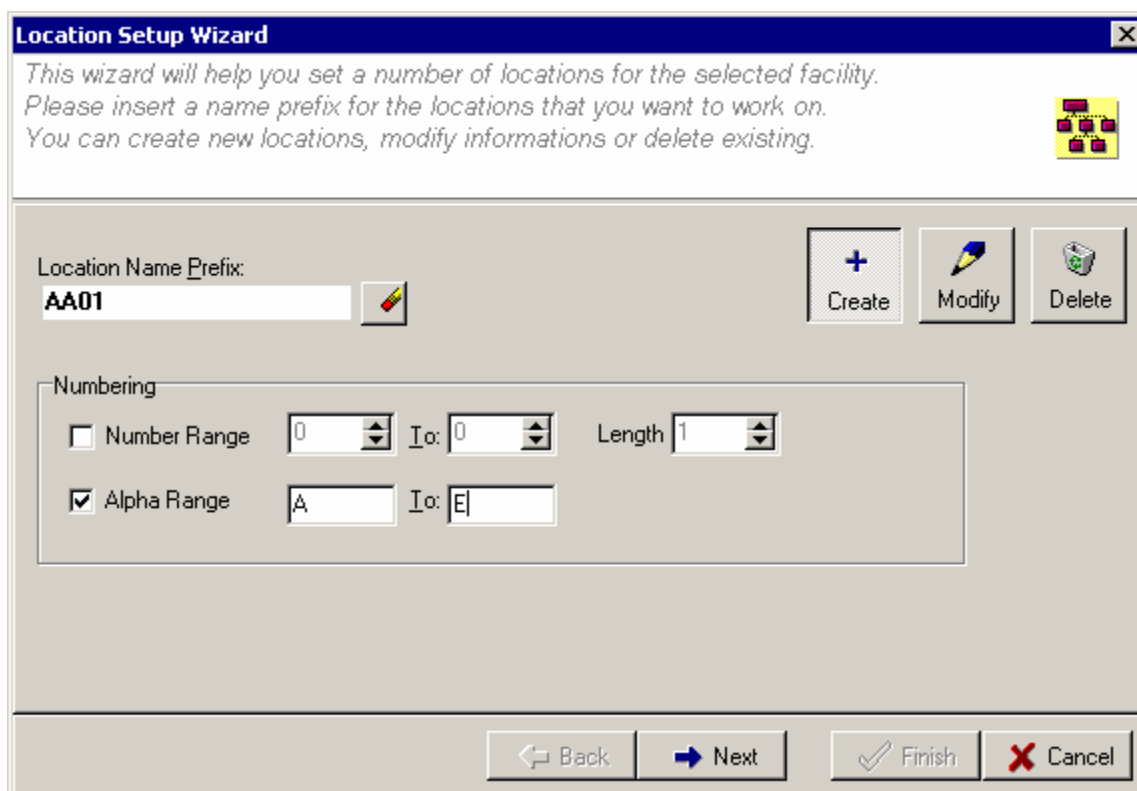
Location Name Prefix:

Numbering

☒ Number Range I o: Length

☐ Alpha Range I o:

When Alpha Range is selected enter the first and last letters wanted in the Sequence. In the example below, Location IDs AA01A ... AA01E are created.



Location Setup Wizard

This wizard will help you set a number of locations for the selected facility.
Please insert a name prefix for the locations that you want to work on.
You can create new locations, modify informations or delete existing.

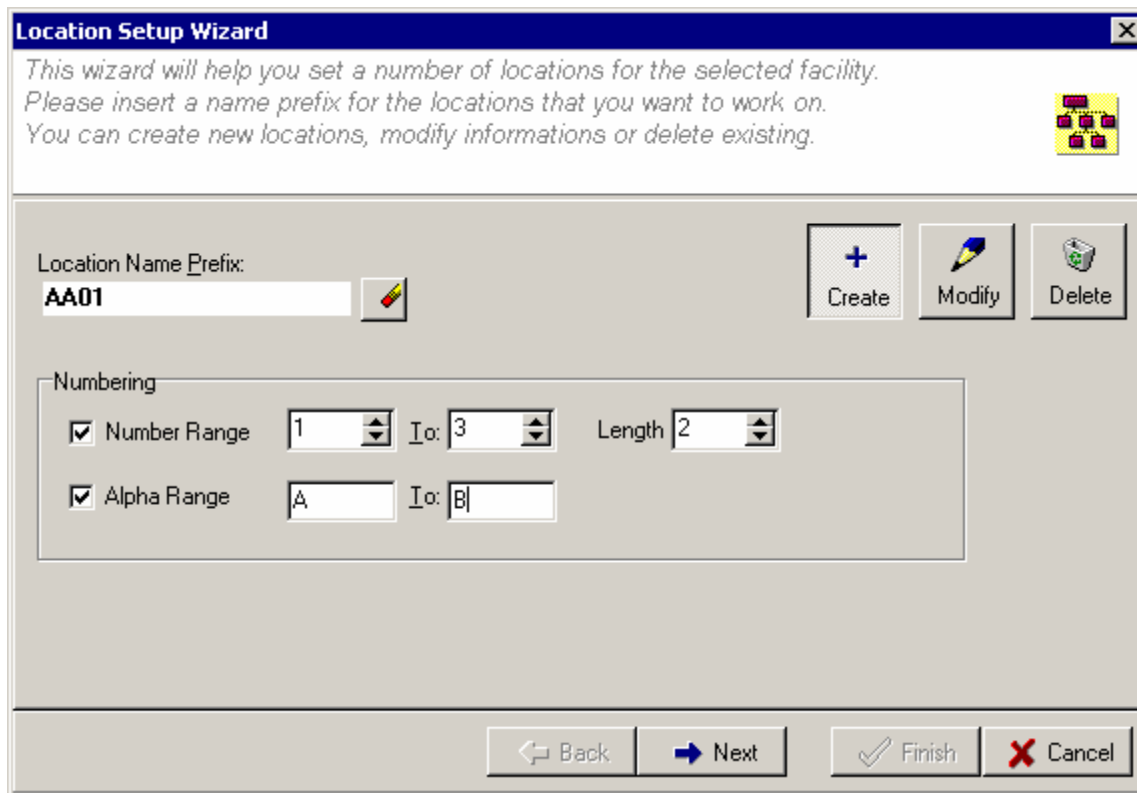
Location Name Prefix:

Numbering

☐ Number Range I o: Length


☒ Alpha Range I o:

If both the Number Range and Alpha Range are selected then both will create the Sequence. The sequence will first display the Number Range and then the Alpha Range. It will create a location for all possible combinations of the two. In the example below the location created are AA0101A, AA0101B, AA0102A..., and AA0103B.



The screenshot shows the 'Location Setup Wizard' dialog box. The title bar is blue with the text 'Location Setup Wizard' and a close button. The main area has a light gray background. At the top, there is a text box with the following instructions: 'This wizard will help you set a number of locations for the selected facility. Please insert a name prefix for the locations that you want to work on. You can create new locations, modify informations or delete existing.' To the right of the text is a small icon of a facility layout. Below the text is a section for 'Location Name Prefix:' with a text box containing 'AA01' and a small icon of a location pin. To the right of this section are three buttons: 'Create' (with a plus sign), 'Modify' (with a pencil), and 'Delete' (with a trash can). Below this is a 'Numbering' section with two rows. The first row is 'Number Range' with a checked checkbox, a text box containing '1', a 'To' label, a text box containing '3', and a 'Length' label with a text box containing '2'. The second row is 'Alpha Range' with a checked checkbox, a text box containing 'A', and a 'To' label with a text box containing 'B'. At the bottom of the dialog are four buttons: 'Back' (with a left arrow), 'Next' (with a right arrow), 'Finish' (with a checkmark), and 'Cancel' (with a red X).

If neither box is checked only one location will be created and the Prefix will be the entire Location ID.

Once the parameters have been entered, click the  button to continue. The Location Setup Wizard Attributes screen allows location information to be added.

Description: Text describing the location. Optional.

Location Type: The value entered must be an entry in the LocationTypes validation table. Required.

Storage Type: The value entered must be an entry in the StorageTypes validation table. Required.

Equipment Profile: The value entered must be an entry in the EquipmentProfiles validation table. Required.

Units Of Storage: The value entered must be an entry in the Units of Storage Table. This table can be accessed from Setup/Facility/Location/Units Of Storage. Required.

Section: The value entered must be an entry in the Section Table. This table can be accessed from Setup/Facility/Location/Section Maintenance. Required.

Status: The value entered must be an entry in the LocationStatus validation table. Required.

Putaway Zone: Select the Putaway Zone from the drop down box. Optional

Picking Zone: Select the Picking Zone from the drop down box. Optional

Velocity: Select the Velocity from the drop down box. Optional.


Weight Limit: The maximum weight allowed at the location. Optional

Count Interval: This field sets the number of days for SYNAPSE to generate cycle count tasks for the location. Optional.

Aisle: The Aisle of the location. Optional.

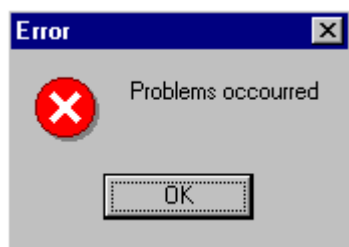
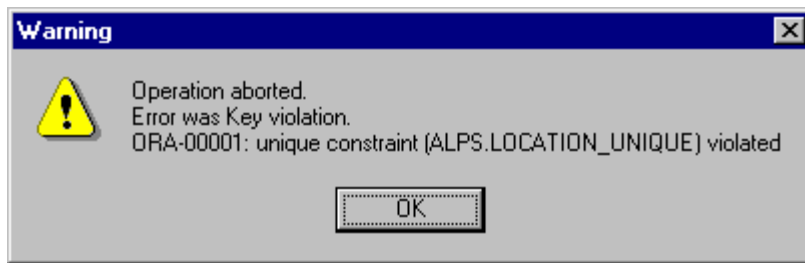
Pick & Drop Location: If entered, the location must be a valid pick and drop location. Optional.

For more information about each of these fields, please see the SYNAPSE Concepts Manual.

Once the attributes have been entered, click on the  button to add the locations. This button will be grayed out until all required fields have been entered. When the process has been completed correctly the following message will appear:

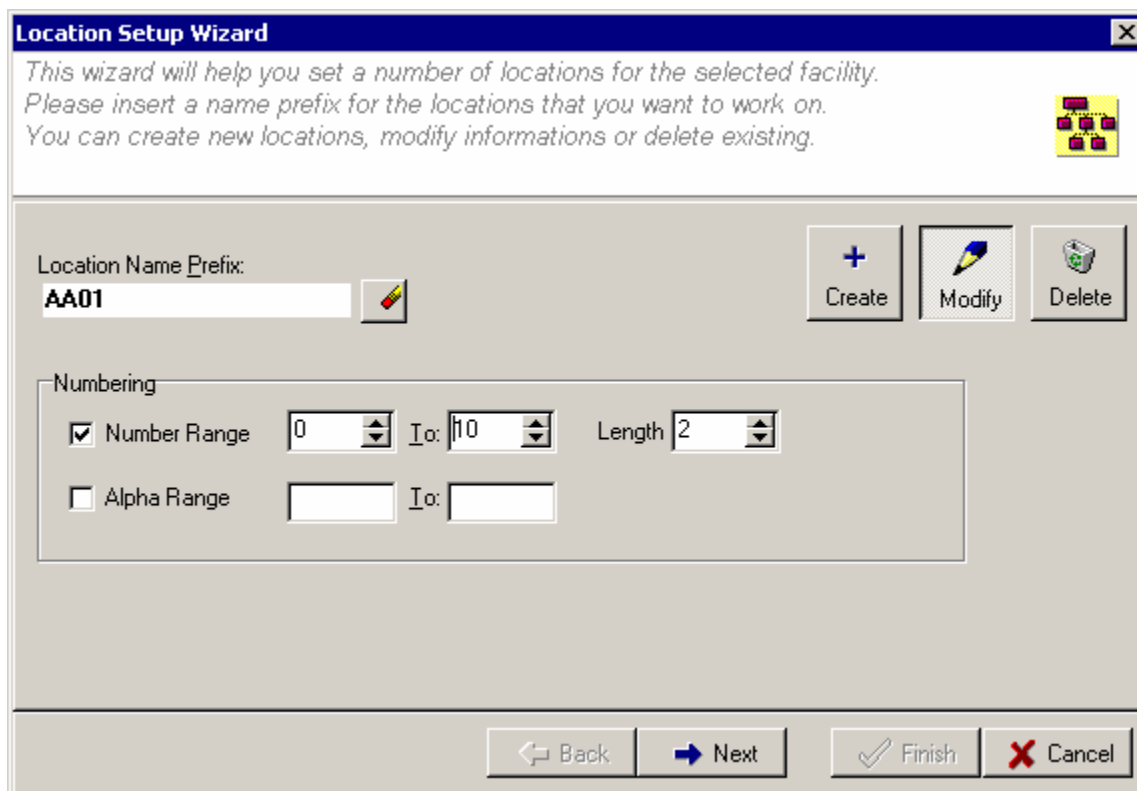


If an attempt is made to create a location that already exists the following messages will appear:



No locations will be added.

Modifying Locations



Location Setup Wizard

This wizard will help you set a number of locations for the selected facility.
Please insert a name prefix for the locations that you want to work on.
You can create new locations, modify informations or delete existing.


Location Name Prefix:

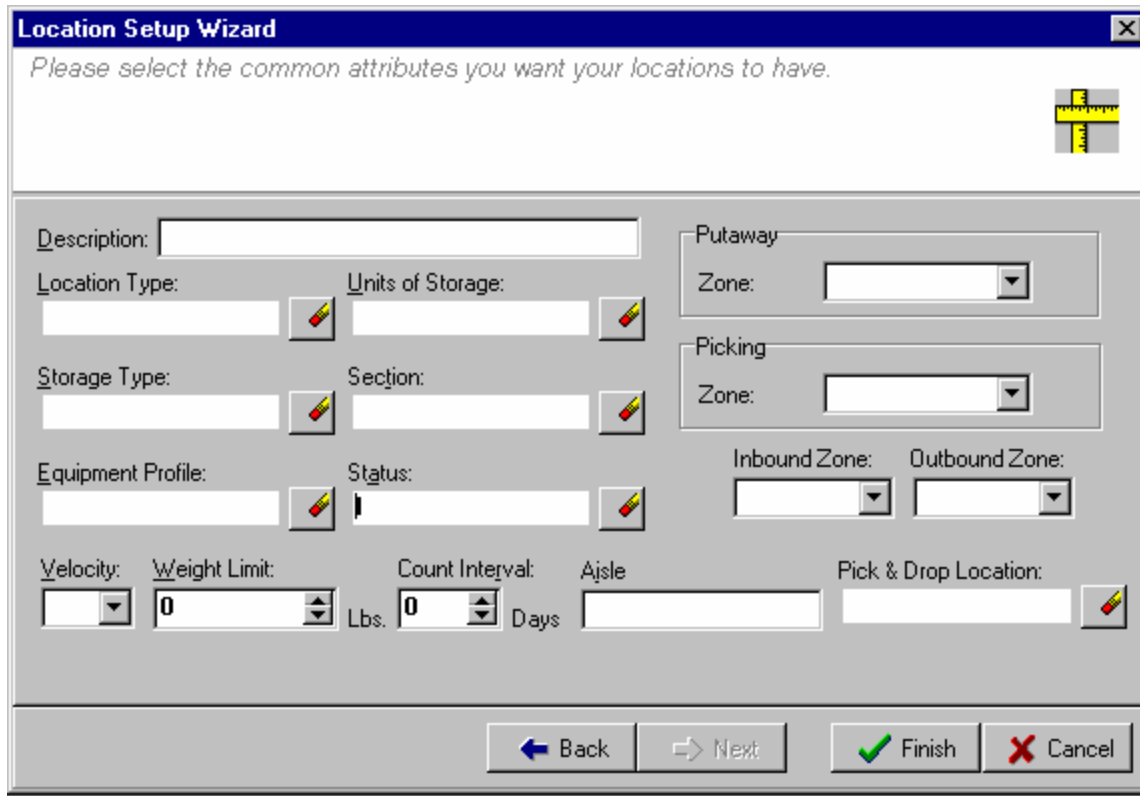
Numbering

☒ Number Range To: Length

☐ Alpha Range To:

The Modify option of the Location wizard allows for the updating of several locations at once. Enter the Location Name Prefix and Numbering of the locations to be updated. Please see the creating locations section of this document for further information on the location parameters.

Once the location parameters have been entered, click on the  to continue to the Attributes screen.



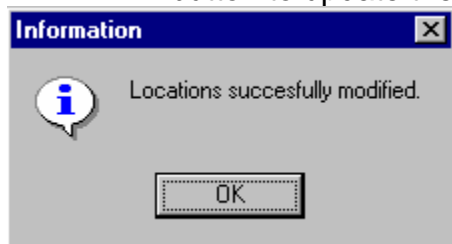
The **Location Setup Wizard** dialog box is shown. It has a title bar with a close button. Below the title bar is a message: "Please select the common attributes you want your locations to have." To the right of this message is a small icon of a yellow measuring tape. The main area contains several input fields and buttons:

- Description:** A text input field.
- Location Type:** A text input field with a small yellow measuring tape icon to its right.
- Units of Storage:** A text input field with a small yellow measuring tape icon to its right.
- Storage Type:** A text input field with a small yellow measuring tape icon to its right.
- Section:** A text input field with a small yellow measuring tape icon to its right.
- Equipment Profile:** A text input field with a small yellow measuring tape icon to its right.
- Status:** A text input field with a small yellow measuring tape icon to its right.
- Putaway Zone:** A dropdown menu.
- Picking Zone:** A dropdown menu.
- Inbound Zone:** A dropdown menu.
- Outbound Zone:** A dropdown menu.
- Velocity:** A dropdown menu.
- Weight Limit:** A text input field with a small yellow measuring tape icon to its right.
- Count Interval:** A text input field with a small yellow measuring tape icon to its right.
- Aisle:** A text input field.
- Pick & Drop Location:** A text input field with a small yellow measuring tape icon to its right.

At the bottom are four buttons: **Back** (with a left arrow), **Next** (with a right arrow), **Finish** (with a green checkmark), and **Cancel** (with a red X).

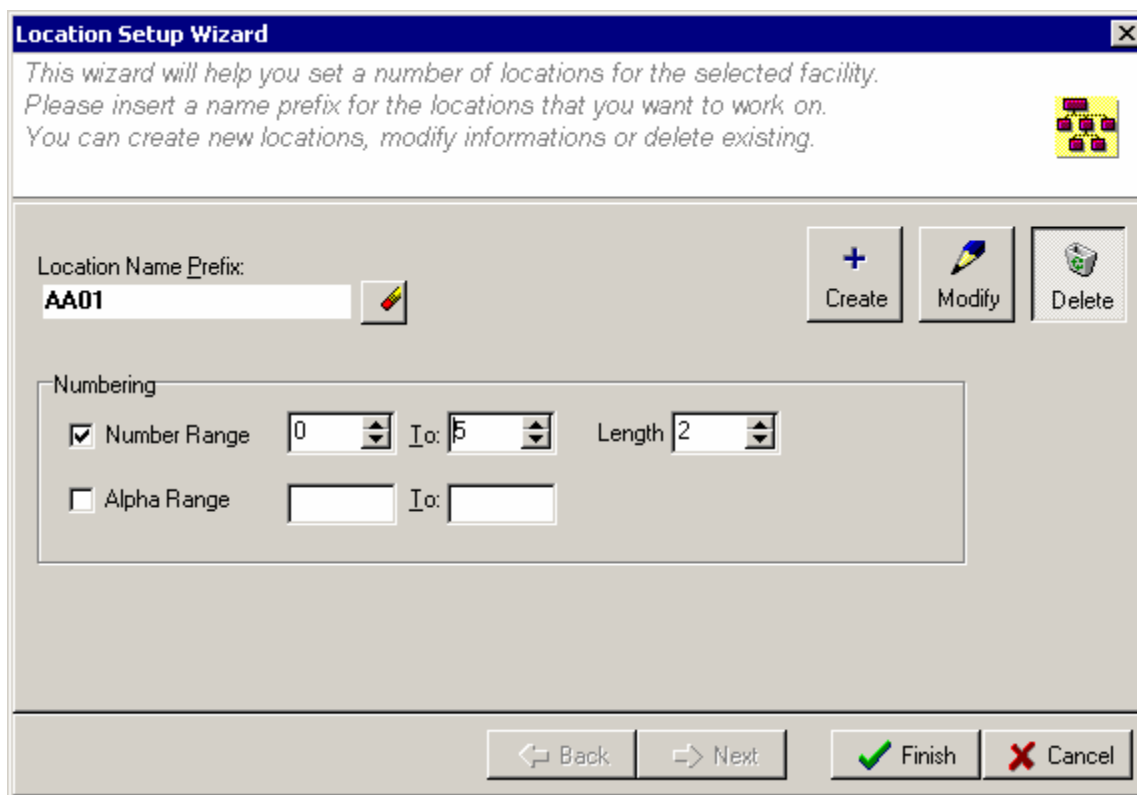
Any of the fields may be entered. Only the entered fields will be updated. In the example above, all of the locations will have their status changed to "I" (in service). Click on the

 button to update the locations. The following message will appear:




Note: this message will appear even if locations in the range specified do not exist. For example if locations AA0101 ... AA0105 exist and the parameters specify updating AA0101 ... AA0110, AA0101... AA0105 will be updated and the success message will appear.

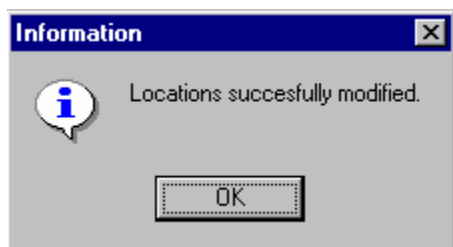
Deleting Locations



The Location Setup Wizard dialog box has a title bar with a close button. The main area contains instructional text: "This wizard will help you set a number of locations for the selected facility. Please insert a name prefix for the locations that you want to work on. You can create new locations, modify informations or delete existing." Below this is a "Location Name Prefix:" label followed by a text box containing "AA01" and a small icon. To the right are three buttons: "Create" (with a plus icon), "Modify" (with a pencil icon), and "Delete" (with a trash can icon). Below these is a "Numbering" section with two options: "Number Range" (checked) and "Alpha Range" (unchecked). The "Number Range" section includes input boxes for "0", "To: 5", and "Length 2". The "Alpha Range" section includes empty input boxes for "Alpha Range" and "To:". At the bottom are four buttons: "Back" (disabled), "Next" (disabled), "Finish" (with a green checkmark), and "Cancel" (with a red X).

The Delete option of the Location wizard allows for the deleting of several locations at once. Enter the Location Name Prefix and Numbering of the locations to be deleted. Please see the creating locations section of this document for further information on the location parameters.

Once the location parameters have been entered, click on the  to delete the locations. The following message will appear:



Note: this message will appear even if locations in the range specified do not exist. For example if locations AA0101 ... AA0105 exist and the parameters specify deleting AA0101 ... AA0110, AA0101... AA0105 will be deleted and the success message will appear.

Location Expert

The Location Expert is used to modify individual locations after initial entry. Access the Location Expert via Setup / Facility / Location / Location Expert.

The Location ID or Loc ID is unique for each location within each facility. It is the main way to identify an Existing location.

Location IDs are usually assigned in one of two preferred formats: 1) Aisle/Bay/Level, with 1 or 2 letters or numbers for each part of the ID (e.g., AA0303), or 2) Prefix + Sequence, with an alpha prefix that defines the type of location (e.g., DOOR14).

Finding a Location

The screenshot shows the Synapse Location Expert window. At the top is a menu bar (File, Edit, Lookup, Requests, Setup, Window, Utilities, Billing, Help). Below the menu is a search criteria section with two rows of fields: Beginning With, Status, Storage Type, Unit Of Storage, Aisle, Putaway Zone, Ending With, Location Type, Equipment Profile, Velocity, Section, and Picking Zone. Each field has a dropdown arrow and a green checkmark button. Below the search criteria is a toolbar with navigation icons. A blue banner reads "Drag a column header here to group by that column". Below this is a table of locations.

Loc ID	Status	Check ID	Loc Type	Storage Type	Equip Profile	Unit of Storage	Aisle	Section	Mixed Items	Mixed Lots	Mixed UO
1AG020A	I	30	STO	RK	PF	R48	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG020B	E	49	STO	RK	RK	R50	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG020C	E	68	STO	RK	RK	R50	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG020D	E	87	STO	RK	RK	R50	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG020E	E	10	STO	RK	RK	R98	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG021A	E	40	PF	RK	PF	R52	1AG	1AG1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1AG021B	E	68	STO	RK	RK	R52	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG021C	E	96	STO	RK	RK	R52	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG021D	E	12	STO	RK	RK	R52	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG021E	E	15	STO	RK	RK	R98	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG022A	E	50	STO	RK	PF	R48	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG022B	E	87	STO	RK	RK	R50	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG022C	E	12	STO	RK	RK	R50	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG022D	E	45	STO	RK	RK	R50	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG022E	E	19	STO	RK	RK	R98	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG023A	E	60	PF	RK	PF	R52	1AG	1AG1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1AG023B	E	10	STO	RK	RK	R52	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG023C	E	15	STO	RK	RK	R52	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG023D	E	19	STO	RK	RK	R52	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG023E	E	24	STO	RK	RK	R98	1AG	1AG1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1AG024A	E	70	STO	RK	PF	R54	1AG	1AG2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

The easiest way to find an existing location is to type its Location ID into the Beginning With field. The entire Location ID is not required just the beginning. This field will limit searching to any location fitting the criteria or lower. To limit the search from the bottom type the beginning of the Location ID that is not wanted in the Ending With field. To execute the search click the Green Checkmark button.

Beginning With: Status: Storage Type:



Ending With: Location Type: Equipment Profile:

Drag a column header here to group by that column

Loc ID	Status	Check ID	Loc Type	Storage Type
4ZC001A	E	68	STO	RK
4ZC001B	E	10	STO	RK
4ZC001C	E	13	STO	RK
4ZC001D	O	17	STO	RK
4ZC002A	E	10	STO	RK
4ZC002B	E	16	STO	RK
4ZC002C	E	23	STO	RK
4ZC002D	O	30	STO	RK
4ZC003A	E	13	STO	RK

If the Location ID is unknown or multiple locations are required, any of the relevant fields can be filled in by either typing in the selection or double clicking them, which will pull up a Code Lookup menu.

EquipmentProfiles Code Lookup

Beginning with:  

Code	Description	Abbreviation
AL	All Equipment	All
B1	Bulk - Sitdown/Pallet Eqmnt Only	Bulk S/P
B2	Bulk - Clamp/Sitdown Eqmnt Only	Bulk C/S
BC	Bulk - Clamp Equipment Only	Bulk Clamp
DK	Dock/Bulk Equipment	Dock/Bulk
HZ	Hazardous Equipment	Hz
PF	Pick Front Rack Equipment	Pk Fr Rk Eq.
RK	Rack Equipment	Rack
SR	Bulk - Sitdown Roll Clamp	Bulk S/R
ZE	ZETHCON TEST	ZETH

Once this is done execute the search by click the Green Checkmark button.

To further refine the search fill out other fields and again click the Green Checkmark. This can be done at anytime.

Using Column Headers to Modify Search

Drag a column header here to group by that column						
Loc ID ▾	Status	Check ID	Equip Profile	Loc Type	Storage Type	Unit of Storage
RAMP02	E	02	AL	DOR	NA	NA
RAMP01	E	01	AL	DOR	NA	NA
RAILO7	E	07	AL	DOR	NA	NA

Column Headers can be clicked on at anytime to sort the data in ascending or descending order according to the information in that column. This will be shown with a little triangle pointing up or down in the right of the header. To sort by multiple column selections first select the column which will be the primary sort and then hold the shift key and click on the secondary and so on. To exit or reset this just click on any header with out the shift button.

Drag a column header here to group by that column					
Loc ID	Status	Check ID ▲	Loc Type ▾	Storage Type	Equip Pr
DOOR01	E	01	DOR	NA	AL
RAILO1	E	01	DOR	NA	AL
RAMP01	E	01	DOR	NA	AL
CD01	E	01	CD	FL	AL
1STG02	E	02	STG	NA	AL

Column headers can also be dropped into the blue area above them for search

Loc ID	Status	Check ID	Equip Profile	Storage Type	Unit of Storage
+ Loc Type : STO					
+ Loc Type : STG					
- Loc Type : PND					
PD03	E	03	AL	NA	NA
PD02	E	02	AL	NA	NA
PD01	E	01	AL	NA	NA
+ Loc Type : PF					
+ Loc Type : DOR					
+ Loc Type : CD					

When this is done all values for this field will be displayed with a + or – which expands or contracts a selection. To exit this feature simply drop the header back into place.

Example Search

Loc ID	Status	Check ID	Loc Type	Storage Type	Equip Profile	Unit of Storage	Aisle	Mixed Items	Mixed Lots	Mix
- Section : 1AG1										
1AG022A	E	50	STO	RK	PF	R48	1AG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
- Section : 1AG3										
1AG110A	E	30	STO	RK	PF	R48	1AG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
+ Section : 1AG4										
- Section : 1AG5										
1AG172A	E	11	STO	RK	PF	R48	1AG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1AG174A	E	13	STO	RK	PF	R48	1AG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1AG176A	E	15	STO	RK	PF	R48	1AG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1AG178A	E	17	STO	RK	PF	R48	1AG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Modifying Locations Info

To modify a locations information simply click on the data to be modified. The column will either display a little triangle or highlight the data.

<div> <div> <div>⏮</div> <div>⏪</div> <div>⏩</div> <div>⏭</div> <div>⏴</div> <div>✓</div> <div>↺</div> </div> <div>Loc Type ▾</div> </div>				
Loc ID	Status	Check ID	Equip Profile	Storage Type
+ Loc Type : PND				
- Loc Type : PF				
1AG053A	E	90	PF	RK
1AG051A	E	70	PF	RK
1AG049A	E	14	PF	RK
1AG047A	E	12	PF	RK
1AG045A	E	10	PF	RK

If the triangle appears, click on it for a pull-down menu. The only options that will appear are ones already in the validation tables.

PF	RK
PF ▾	RK
AL	All
B1	Bulk S/P
B2	Bulk C/S
BC	Bulk Clamp
DK	Dock/Bulk
HZ	Hz
PF	Pk Fr Rk Eq.
RK	Rack
✕	

<div> <div> <div>⏮</div> <div>⏪</div> <div>⏩</div> <div>⏭</div> <div>⏴</div> <div>✓</div> <div>↺</div> </div> <div>Loc Type ▾</div> </div>			
Loc ID	Status	Check ID	Equip Profile
+ Loc Type : PND			
- Loc Type : PF			
1AG053A	E	90	PF
1AG051A	E	70	PF
1AG049A	E	14	PF
1AG047A	E	12	PF
1AG045A	E	10	PF
1AG043A	E	80	PF
1AG041A	E	60	PF
1AG039A	F	13	PF

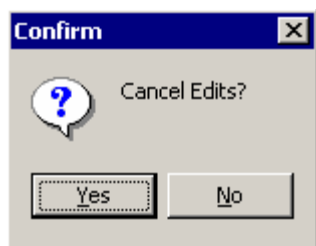
If data is highlighted the simply type the new data into the selection.

Saving Modification

When data modification is done simply click the Green Checkmark above the Column Headers.



If the modification save is not done properly the window below will pop up when the screen is closed. Click the No button if you want to go back and save. The Yes button will void all changes made after last save.



Security

"LocationExpertDlg" has been added to the Synapse security list. Security should be added for Security Groups using this option.