

**Volume**

**5**

## Import Wizard

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**Rintagi**  
Applications

**User  
Guide**



**robocoder***corporation*

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## Data Grid Import

Data can be imported easily via any Rintagi screen if the data is contained in a data grid. This eliminates the need for re-entering a large volume of data from a spreadsheet or text file.

[Export](#)
[RichText](#)

**Data Table and Columns**

Table Name:  Table Description:


Adm - Dashboard Folder

Main Info **Content**

Table Id: 219  
 Database\*: Administration  
 Table Name\*: DshFld  
 Table Description\*: Adm - Dashboard Folder  
 Multi Design Database: ☒ Virtual: ☐  
 Modified By: Nelson Lin On: 9/29/2008 5:00:23 PM Synchronized on: 9/29/2008 5:00:32 PM

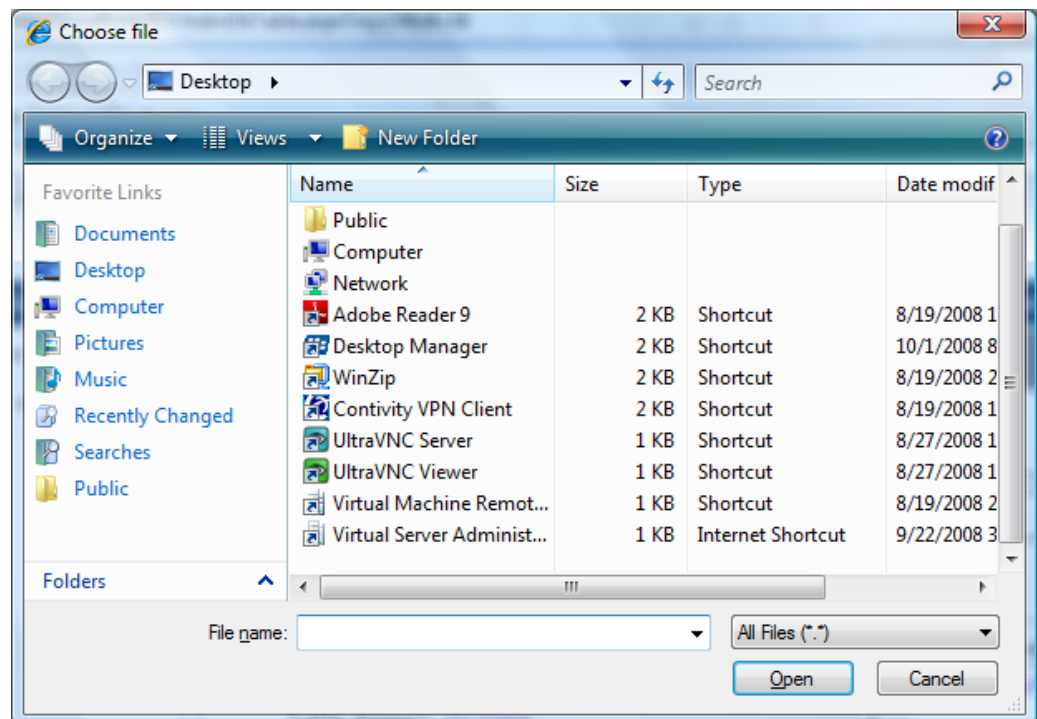
Table Objective: This table captures all dashboard folders.


Order	External Table	Column Name*	Data Type*	Length*	Scale	Default	Allow Null	Identity	Primary Key	Index	Column Object
10		DshFldId	Int	4			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This internal id for this dashboard.
20		DshFldName	NVarChar	200			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This is the name of this dashboard.
30		UsrId	Int	4			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This is the user id of this dashboard. The company id of this folder was only this user's folder.
40		InputBy	Int	4			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	These are the public access permissions. This is 'P' when...
50		CompanyLs	VarChar	1000			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
60		AccessCd	Char	1		'V'	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				1213			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

By clicking the  icon at the top of each data grid, several more controls will become visible. See below:

		Browse...	WorkSheet:	StartRow: 2	Import
ity	Primary Key	Index	Column Objective	Delete All	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This internal identity uniquely represents this dashboard folder.		Delete
	<input type="checkbox"/>	<input type="checkbox"/>	This is the name for this dashboard folder.		Delete
	<input type="checkbox"/>	<input type="checkbox"/>	This is the user that has the right to view this dashboard folder, public access within		Delete

When the Browse button is clicked, a screen popup requesting the selection of an Excel spreadsheet with an “.xls” extension will appear.



The format and order of the data inside the selected spreadsheet can be viewed by clicking the  icon. This data is obtained automatically from the logical schema established in the Data Tier setup described in Volume 2.

Import Schema - Windows Internet Explorer

### Screen Import Schema - Data Table and Columns

Column Name	Data Type	Display	Null	Ident	Description
Column Id	Int32	TextBox	NO	YES	Please leave this column empty.
Order	Int16	TextBox	YES	NO	
External Table	String	TextBox	YES	NO	
Column Name	String	TextBox	NO	NO	Please enter the unique column name for this column 20 characters or less.
Data Type	Byte	DropDownList	NO	NO	Please select the datatype for this column as it is declared in the database. Use Date instead of Datetime if time portion should be ignored.
DataTypeName	String	TextBox	YES	NO	Description of the previous column - Data Type.
Length	Int16	TextBox	NO	NO	Please enter column length for this column; In the case of varchar, nvarchar or varbinary, -1 represents max.
Scale	Byte	TextBox	YES	NO	
Default	String	TextBox	YES	NO	
Allow Null	String	CheckBox	NO	NO	
Identity	String	CheckBox	NO	NO	
Primary Key	String	CheckBox	NO	NO	
Index	String	CheckBox	NO	NO	
Column Objective	String	TextBox	YES	NO	

Note: Please be aware that the first row is reserved for heading and it should be filled; The non-nullable column of a ComboBox, DropDownList, ListBox or RadioButtonList can be left empty if the description followed can be matched uniquely by the system. The row is not imported when all non-nullable columns are empty.

PRINT

Done Local intranet | Protected Mode: Off 100%










When a spreadsheet is selected the available worksheets appear as a dropdown list. Select one of the worksheets and indicate the starting row excluding the header. (At least one row of header is required; therefore, the starting row must be greater than or equal to 2). Next press the **Import** button to import the data.

A success message will appear and an example is shown below:



If some contents require password override, just make sure it is a column displayed as dropdown-list, combo-box, radio-button or list-box and the reference table has a column named “OvrId” as smallint nullable. This OvrId column should obtain values from the table “OvrId” as below.

Row Authority Default

	<input type="text" value="20"/>				1 of 1				Filter <input type="text" value="All"/>	On <input type="text" value=""/>	
Authority ID	Row Authority Description*	Select*	Add*	Update*	Delete*	Administrator*	Pwd Override				
9	Administration Special	All	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
8	<input type="text" value="All access"/>	All 	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input <img="" alt="dropdown arrow" data-bbox="1442 569 1456 575" type="text" value="Administrat"/>				
7	No access	None	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input <img="" alt="dropdown arrow" data-bbox="1461 615 1466 621" type="text" value="Administrative Manager Overr"/>				
4	View all and Edit	All	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Supervisory Ov				
6	View all only	All	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
5	View all, Add, Edit and Delete	All	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
2	View self and Edit	Self	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
1	View self only	Self	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
3	View self, Add, Edit and Delete	Self	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					

Upon import, a password will be prompted when the first content requiring password is encountered. Nevertheless, if the user performing the import belongs to one of the user groups for the password override, no prompt will be displayed unless it is forced as “Prompt Always” as below:

Password Override Type

Export RichText New Copy

Administrative Override

Override Name\*: Administrative Override

Prompt Always: ☒

Prompt Modal: ☒

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Filter All On

Override Group ID	User Group*
1	Sys Administrator

Prompt modal does not apply to import wizard to be described in the next chapter.

For a dropdown-list, combo-box, radio-button or list-box, set an import property in “Screen Column Properties” as described in Volume 2. The choices are:

Key Match Only

All above then Exact Name

All above then StartsWith

All above then Wild Search

The default “All above then Exact Name” is highlighted. This selection searches the two columns representing Dropdown lists and matches the key column first (if found),

while ignoring the name provided. If a match is not found, a search to match the name exactly as provided in the import request is executed. If a name match is found, the key column will be filled automatically by Rintagi; if not found, an error will be reported and the entire row will not be imported.

“All above then Starts With” will perform the above searches first then search the names on the list provided by Rintagi in the data grid for a match starts with the name provided in the import. If a name match is not found, an error will be reported and the entire row will not be imported.

“All above then Wild Search” will perform all of the above searches including a “Key” search, “Exact Name” search and a “Starts With” search before determining if any of the names provided by Rintagi from the data grid contains the name provided in the import. If a name match is not found, an error will be reported and the entire row will not be imported.

## Import Wizard

Rintagi provides an Import Wizard to facilitate the importation of large volumes of data via a spreadsheet. Because there will be no data entry, a screen for a data grid import is unnecessary.

First verify that the tables and columns are available in the Data Tier as described in previous volumes. Then use Wizard Column to describe the required import wizard. A mandatory field called “ImportFileName” must be present on the designated table for tracking the filenames in each row of data imported. This field should be nvarchar(30) and nullable. Rintagi will assume and automatically fill this column upon import.

### Wizard Column

Command: Client Tier -> Wizard -> Wizard Column

Wizard Column Export RichText New Copy Undo All Save Delete ?

Culture Type Import Module: Administration

Wizard Type\*: Import data from XLS

Master Table\*: Adm - Culture Type Code Table

Wizard Title\*: Culture Type Import

Program Name\*: AdmImpCulture

Default WorkSheet\*: Sheet1

Default Start Row\*: 2

Default Overwrite: ☐

Overwrite Readonly: ☒

15 1 of 1 Filter All On

Object Id	Column	Tab Index*	Delete All
6	CtCultureType - CultureId	10	<a href="#">Delete</a>
1	CtCultureType - CultureTypeName	20	<a href="#">Delete</a>
2	CtCultureType - CultureTypeDesc	30	<a href="#">Delete</a>
3	CtCultureType - CultureDefault	40	<a href="#">Delete</a>
4	CtCultureType - EnNumberRule	50	<a href="#">Delete</a>
5	CtCultureType - CultureTypeSrt	60	<a href="#">Delete</a>
			<a href="#">Delete</a>



Schema Characteristic	Description
Wizard Type	The type for this wizard. Available selection is Excel(.xls) for now.
Master Table	The wizard uses this master table to receive the import data.
Wizard Title	The unique title for this wizard (50 characters or less).
Program Name	The unique program name for this wizard (50 characters or less).
Default Worksheet	When importing a spreadsheet use this default worksheet name or order unless another is specified.
Default Start Row	The default start row of the worksheet (between 1 and 10,000).
Default Overwrite	Check this if the default for this import wizard is to <b>overwrite</b> .
Overwrite Read-only	Check this if the overwrite option for this import wizard is not user changeable.
Column	The column to be imported.
Tab Index	The order of the columns in integer form (usually numbered in intervals of 10).

Rintagi will now generate the codes for the import wizard as defined:


**Generate Wizard**

Command: Generation -> Coding -> Wizard

Generate Wizards

Entity: Robot

Please select the appropriate project and database; then select one or more wizards or check 'All Wizards'. Click the 'Create' button to generate the respective programs. All default client/rule/data tiers will be regenerated regardless of the selected targets. Any residual programs of 'deleted wizard(s)' will be removed in this process.



Client Tier: RO DotNet 3.5 C#

Rule Tier: RO DotNet 3.5 C#

Data Tier: RO MsSql Local

Database: Administration

All Wizards: ☐

Search:

Culture Type Import

Create

When the create button is clicked Rintagi will compile the programs:


## Compile Programs

Command: Generation -> Coding -> Compile

Compile Programs

Entity: Robot

Please select the appropriate project, then click 'Compile' button to compile all respective programs inside the project. Please be aware each project can only be compiled by one process at any time.




Compile

Re-login and the wizard should look similar to the following:

Culture Type Import

Please backup the database, check "All SpreadSheets" or select the appropriate import SpreadSheet then press Import button to import. Use the buttons on the right to filter the directory or list all import files respectively. Only Local SpreadSheet will be processed if selected.



Server Location:
☐ All SpreadSheets
Worksheets: Sheet1

List

Search

Local Location:

Browse...

Worksheet:

StartRow: 2

Overwrite: ☐

?

Import

Now a spreadsheet of data can be easily imported by using this import wizard. When importing from the client side use the “Browse” button, or when importing from the server side use the “List” button which accesses a directory specified on the server side.