

Multi-host Internet Access Portal (MIAP) Enhancement Guide version 11.0



April 2013
Prepared By
Enterprise Services Directorate
DISA DECC Mechanicsburg
Mechanicsburg, PA 17050

MIAP RWeb 11: New Features & Functions

I) Introduction	3	XII) VT 320	33
II) Help Section	4	XIII) FTP	34
III) Toolbar	6	A) 530 Error	
A) Toolbar Functionality		B) Icons	
B) New Toolbar Options		C) File Menu	
C) Customized Icon		D) View Menu	
IV) Macros	11	E) Connection Setup	
A) New Options		F) Setup Transfer – General	
V) Keyboard Mappings	15	G) Setup Transfer – Receive	
A) Mapping a Macros		H) Setup Transfer – Send	
B) New Mapping Options		I) Setup Transfer – Transfer	
VI) Button Palette	21	J) Setup Transfer – Directories	
VII) Paste Replacement Characters	22	K) Setup Transfer – File Types	
VIII) Print	24	L) Transfer Menu	
IX) Unisys	26	M) Transfer Requests	
A) Connection Setup		XIV) IND\$FILE	55
B) Print		A) Icons	
XI) Telnet	31	B) File Menu	
		C) Setup Menu	
		D) Transfer Menu	
		E) Transfer Requests	

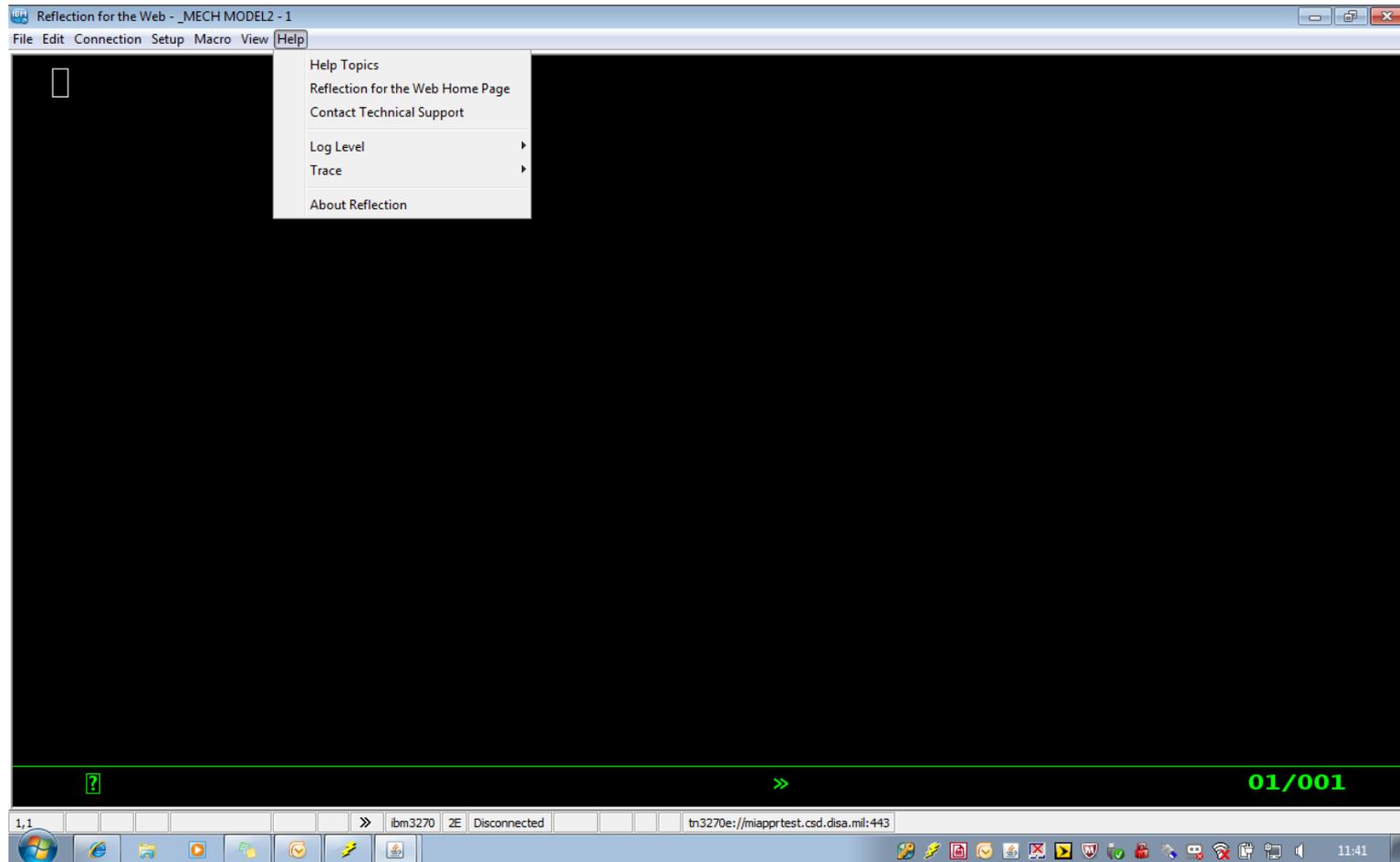
Introduction

The following are some of the major changes from RWeb 10 to RWeb 11:

- Toolbar has new options available including customized icons.
- Macros can now be edited and enhanced with the Macro Editor.
- Keyboard Mapping has new options available.
- Button Palette has new options available.
- Print prompt will popup if the printer ID has not previously been input and option is available to display the printer ID on the bottom of your screen.
- Unisys now has a popup prompt for entering your terminal ID, if it has not been previously entered. Also, a new field to display your terminal ID in the status line.
- Telnet has a new field to display your terminal ID in the status line.
- VT320 has new layout and additional options.
- FTP has a whole new layout including updated icons, additional toolbar dropdown options, ability to change the display, Connections Setup screen has new options, FTP Setup Transfer screen has been reorganized, new FTP transfer menu and a new FTP Transfer Request feature. An additional error message appears if an invalid user name or password is entered (530 PASS command failed).
- IND\$File menu and screens have been reorganized.

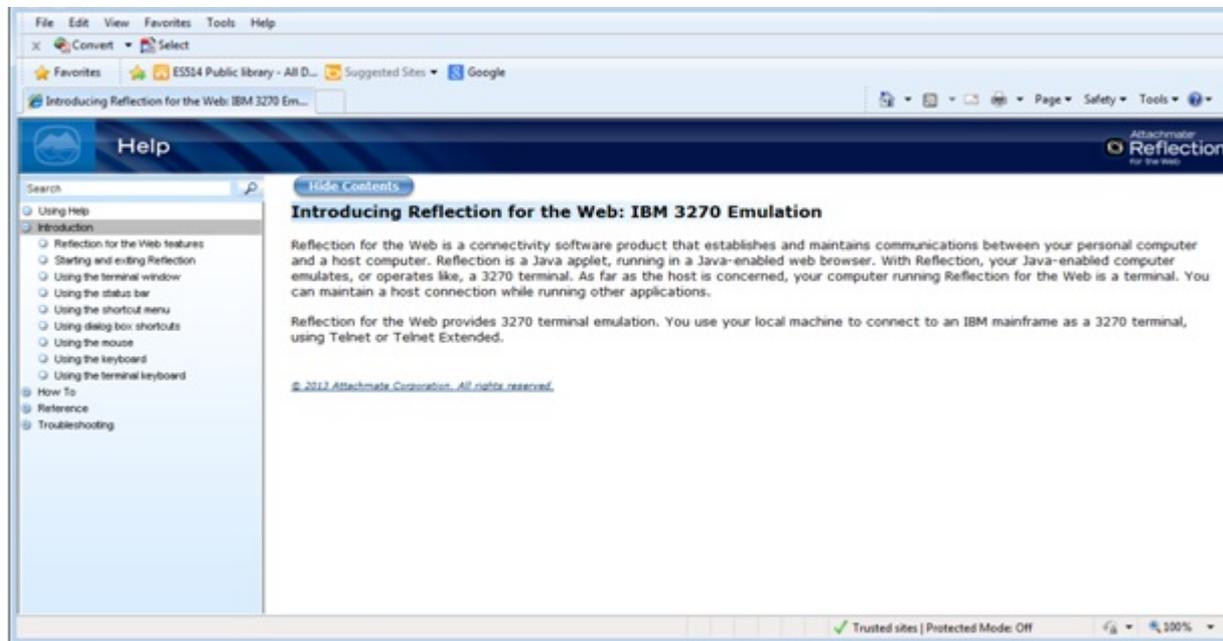
Help

For additional help please refer to the help section. Select 'Help' from the Menu bar then 'Help Topics.'



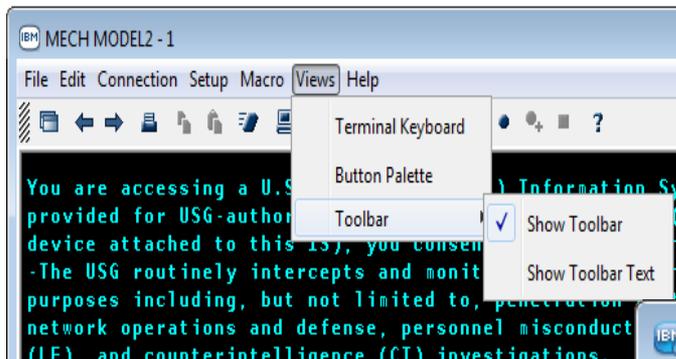
Help

Within the help window a search bar can be used to search various topics or you can scroll through the available topics.

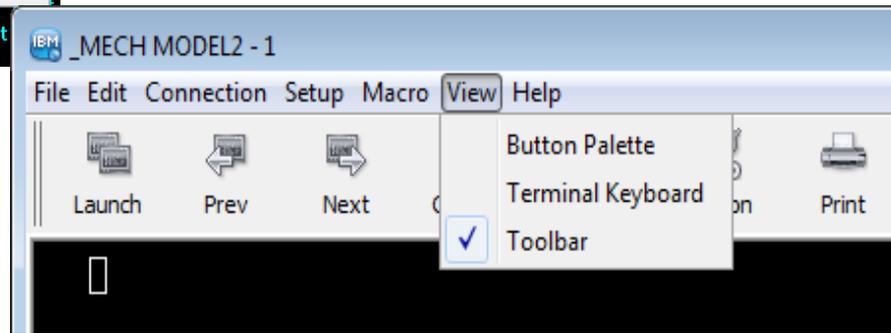


Toolbar : Toolbar Functionality

The toolbar viewing functionality has been modified in RWeb 11.0. Previously the **Show Toolbar** and **Show Toolbar Text** were the available options, under **Views**. In RWeb 11.0, under **View**, the Toolbar can be turned on for viewing, by clicking on **Toolbar** and it will be checked. Clicking on **Toolbar** again will turnoff (uncheck) viewing the toolbar.



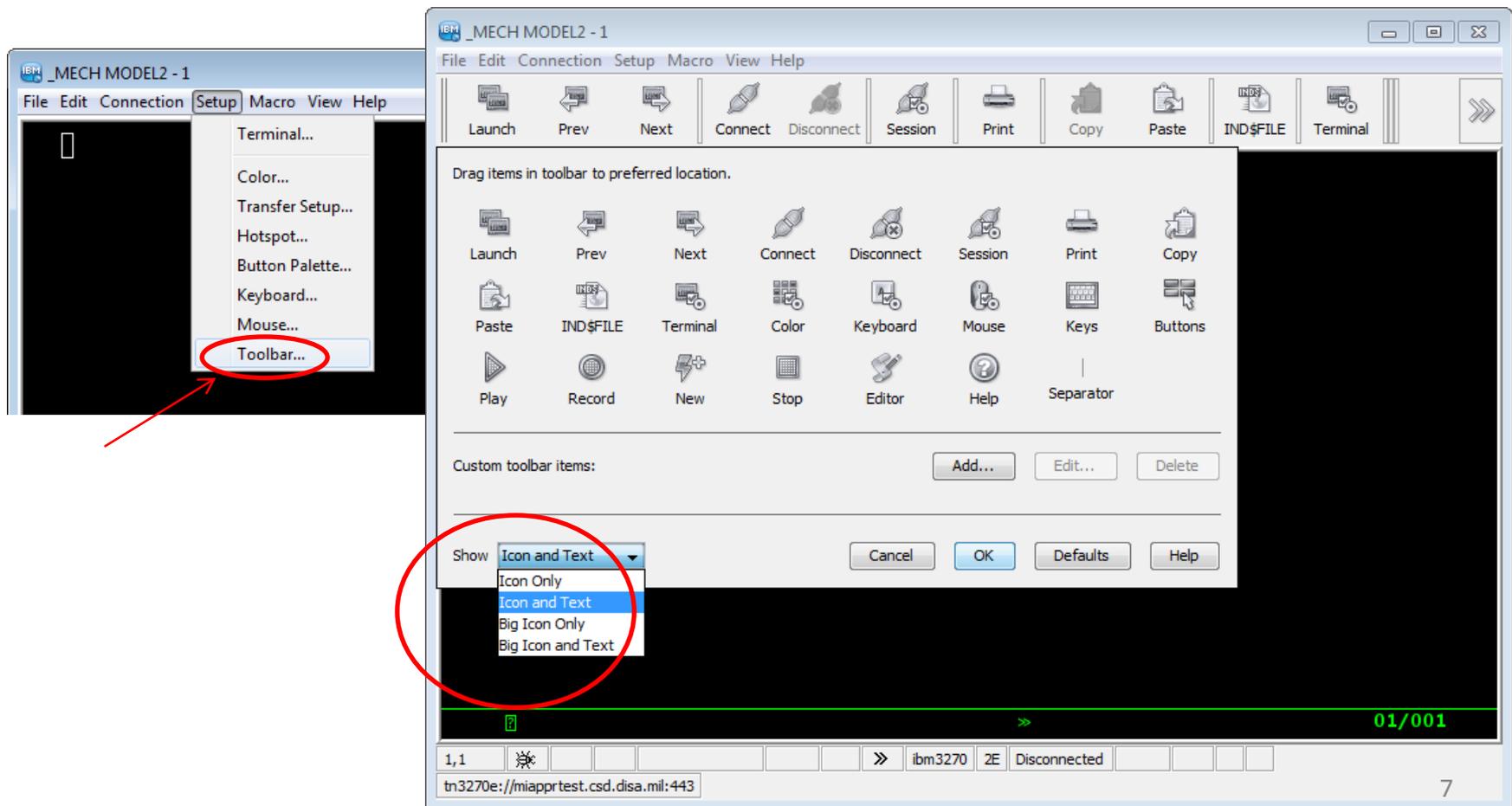
RWeb 10.2



RWeb 11.0

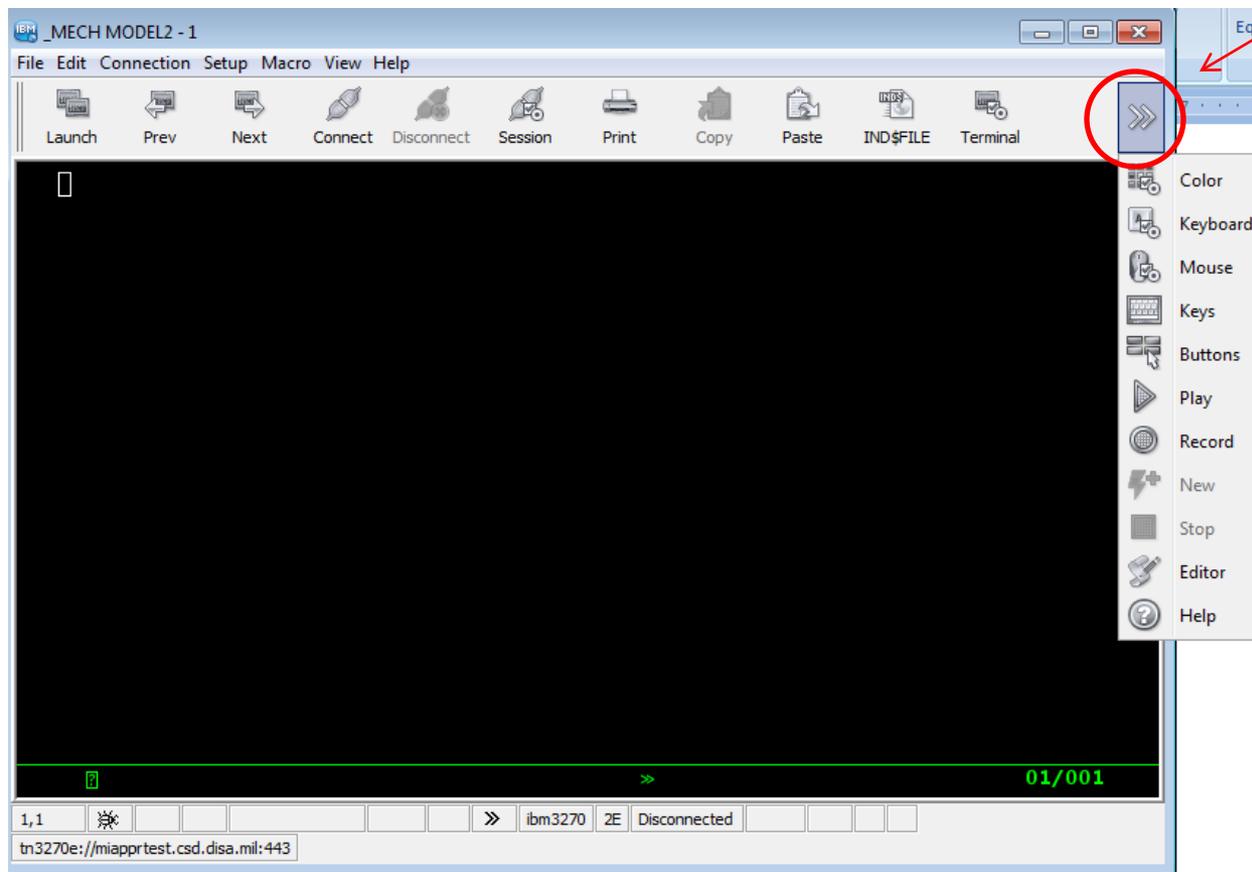
Toolbar: Toolbar Functionality

In RWeb 11.0 additional toolbar functionality is available. Select **Setup**, then **Toolbar**. On the bottom right of the screen that is displayed, the Show dropdown allows icon and text options, in addition to larger (Big) icon choices.



Toolbar: Toolbar Functionality

If there are more icons than can fit across the top of the screen, click on the >> in the top right corner to display the additional icons down the right hand side of the screen. Click it again to hide the additional icons.



Toolbar: New Options



Connect to Host



Disconnect from Host



Configure Session Settings

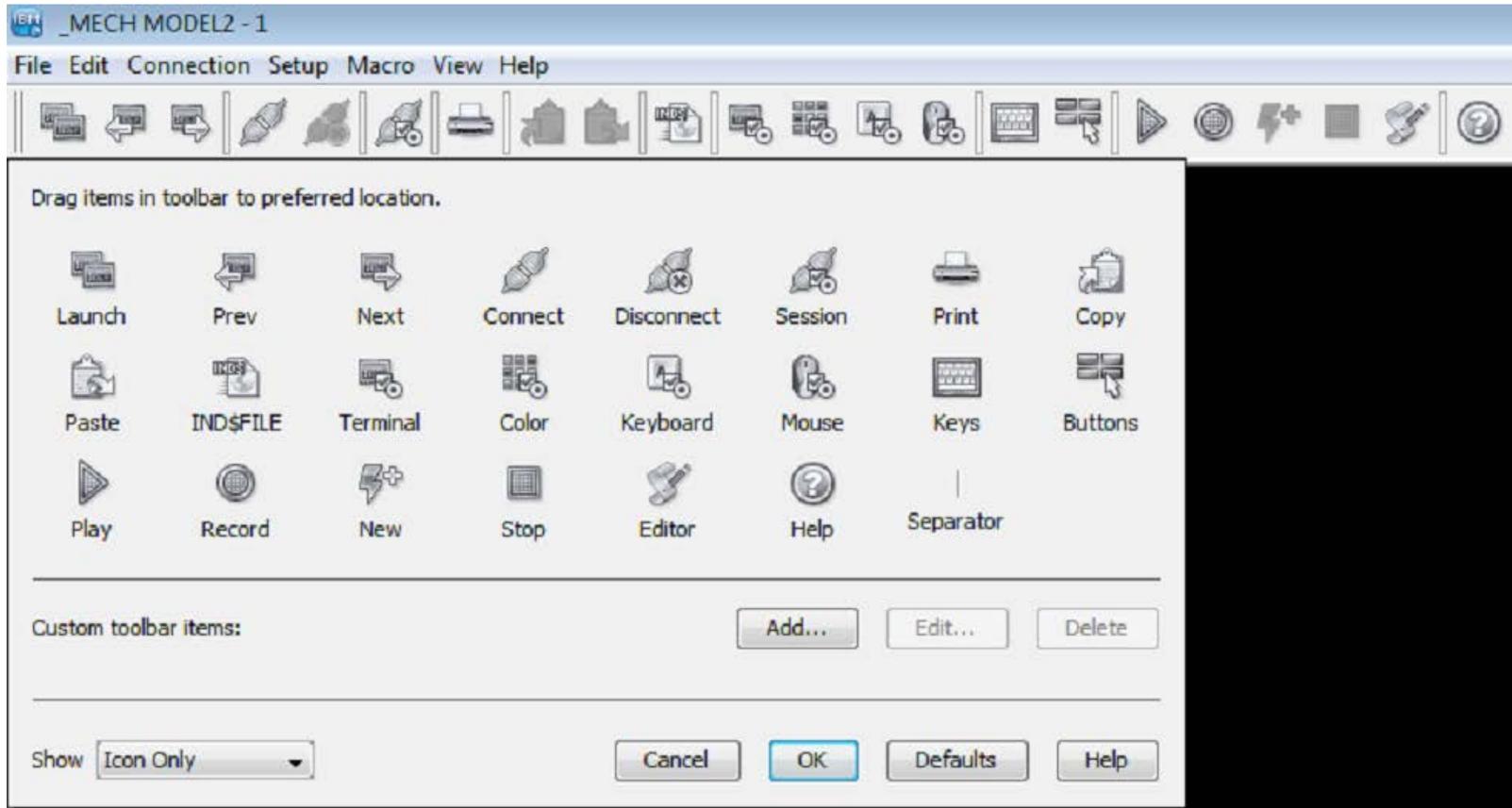


New Macro Editor Window



Toolbar: Custom Icons

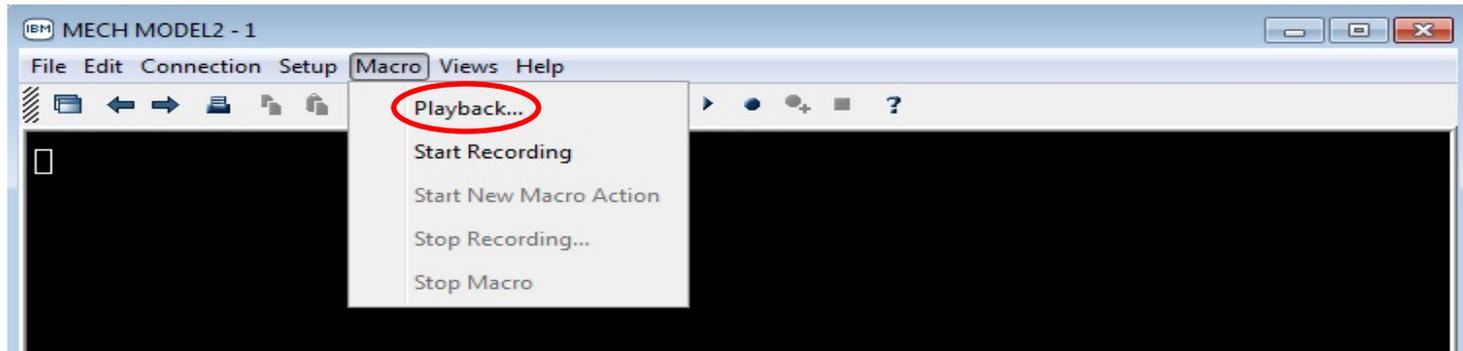
You can create a custom toolbar icon and associate it with an action, then add it to the toolbar. From the session menu select **Setup** then **Toolbar**. Click **Add** to open the Define Toolbar Item dialog box. Click **Edit** to change an existing custom toolbar button. Click **Delete** to remove the custom toolbar button.



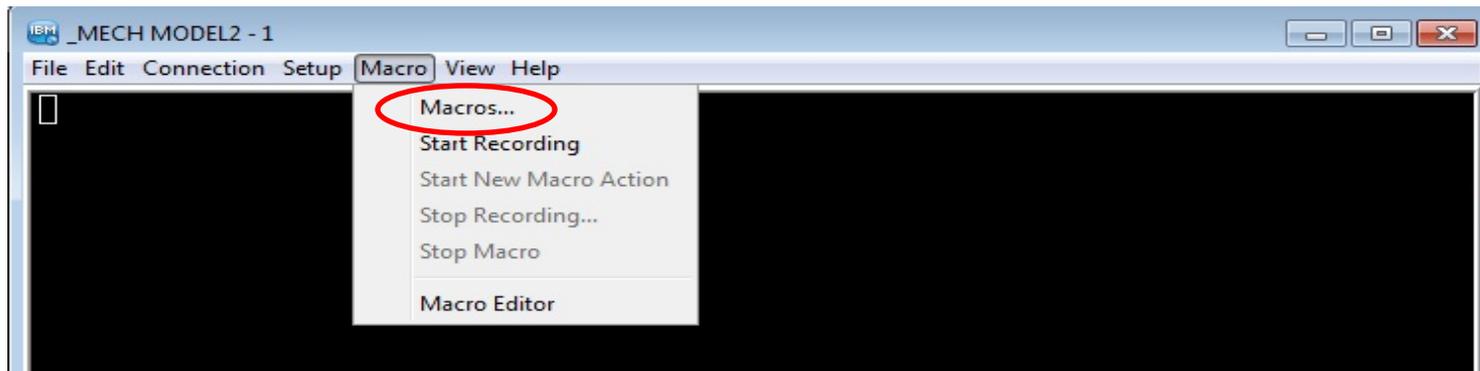
Macros

A macro is a series of keyboard actions that can be recorded and then run while using Reflection for the Web (RWeb). In previous versions of Web the Macros option was named Playback. Select Macros and the Macro box will appear.

RWeb 10.2

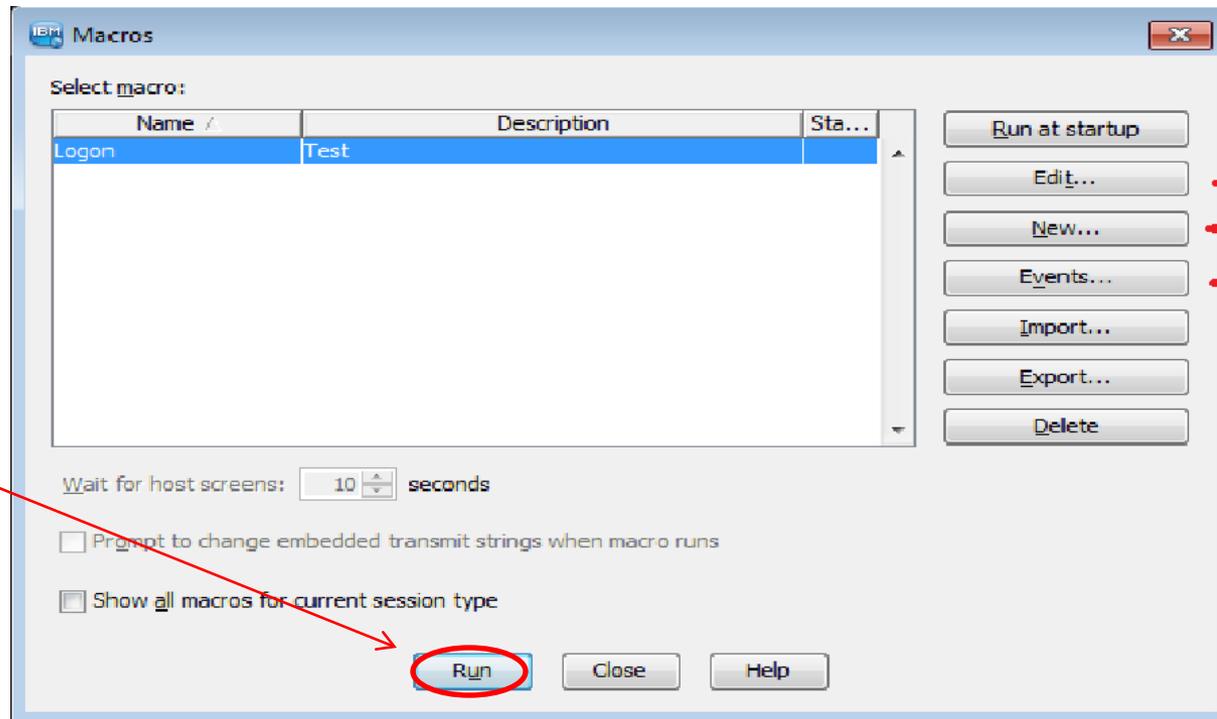


RWeb 11



Macros: New Options

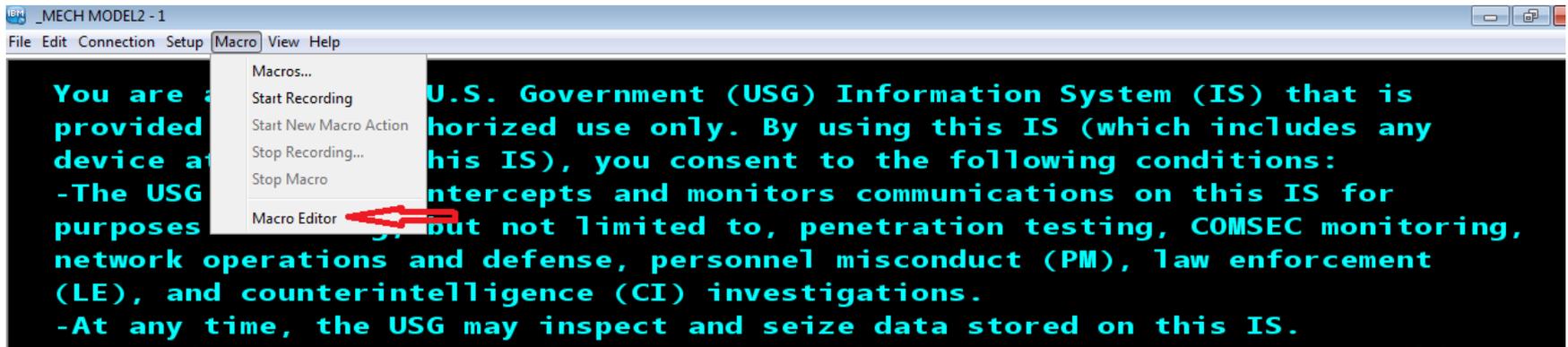
- **Edit** - After you've finished recording your macro and saved it, you can edit and enhance it using the Macro Editor. See next slide for example.
- **New** – Allows you to create a new macro from scratch.
- **Events** - Allows you to assign a macro to be run when a connect event or a disconnect event occurs in the terminal session. This option is only available if there are existing macros.



This option was called Play in previous versions of RWeb.

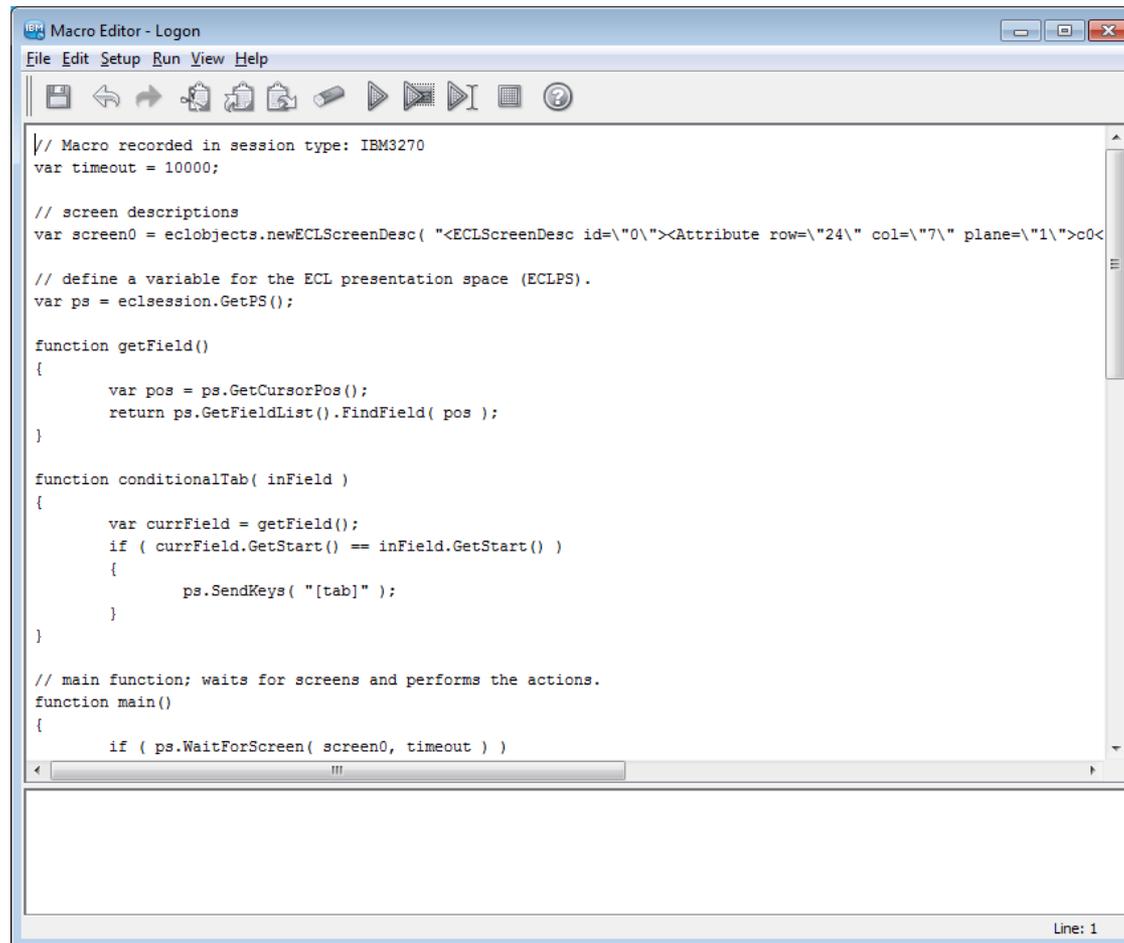
Macros

Macro Editor – This is a new feature which records and saves macros as JavaScript, making it easy to edit and enhance your recorded macros. With the Macro Editor, you can also create macros from scratch to perform complex tasks that the recorder cannot capture. Versions prior to Reflection for the Web 2011 supported only XML-based macros, which could be recorded and run, but not edited. If you have Reflection XML-based macros, they will continue to run as they did before and they will remain as XML-based macros; no conversion to JavaScript is necessary. New macros, however, will get recorded as script-based macros.



Macros

Macro Editor



The image shows a screenshot of a software window titled "Macro Editor - Logon". The window has a menu bar with "File", "Edit", "Setup", "Run", "View", and "Help". Below the menu bar is a toolbar with icons for saving, undo, redo, copy, paste, delete, and execution (play, stop, refresh). The main area is a text editor containing a script. The script starts with a comment: "// Macro recorded in session type: IBM3270". It defines a variable "timeout" as 10000. It then defines a screen description "screen0" using the "newECLScreenDesc" method. Next, it defines a variable "ps" as "eclsession.GetPS()". There are two functions: "getField()" which returns the field at the current cursor position, and "conditionalTab(inField)" which sends a tab key if the current field is the same as the input field. Finally, there is a "main()" function that calls "ps.WaitForScreen(screen0, timeout)". The status bar at the bottom right indicates "Line: 1".

```
// Macro recorded in session type: IBM3270
var timeout = 10000;

// screen descriptions
var screen0 = eclobjects.newECLScreenDesc( "<ECLScreenDesc id=\"0\"><Attribute row=\"24\" col=\"7\" plane=\"1\">c0<

// define a variable for the ECL presentation space (ECLPS).
var ps = eclsession.GetPS();

function getField()
{
    var pos = ps.GetCursorPos();
    return ps.GetFieldList().FindField( pos );
}

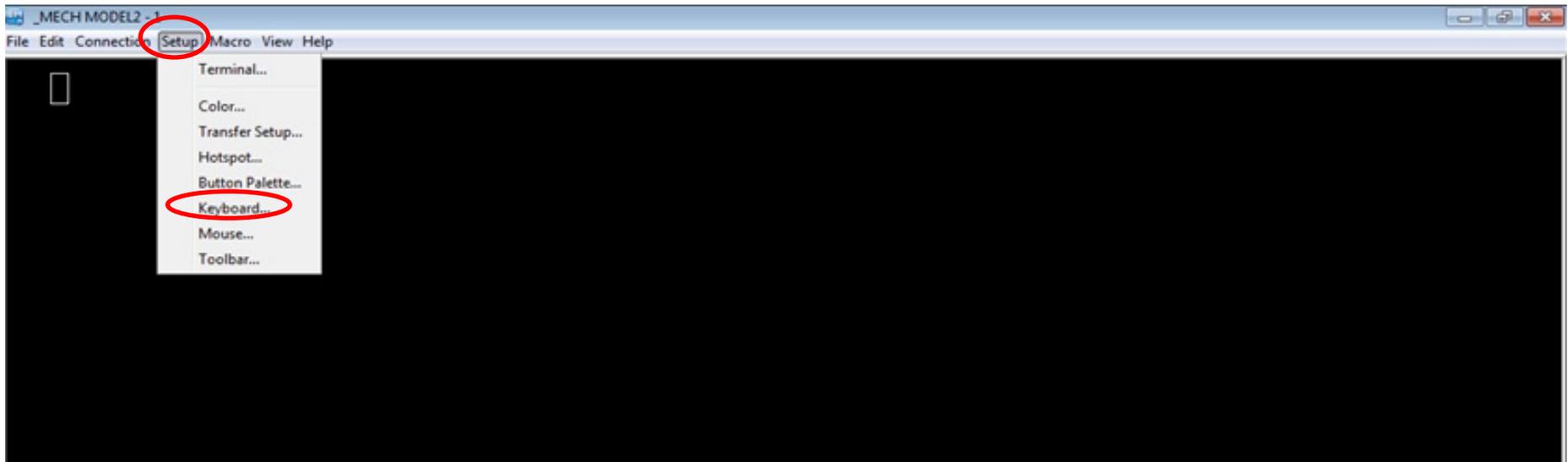
function conditionalTab( inField )
{
    var currField = getField();
    if ( currField.GetStart() == inField.GetStart() )
    {
        ps.SendKeys( "[tab]" );
    }
}

// main function; waits for screens and performs the actions.
function main()
{
    if ( ps.WaitForScreen( screen0, timeout ) )
```

Keyboard Mapping: Mapping a Macro

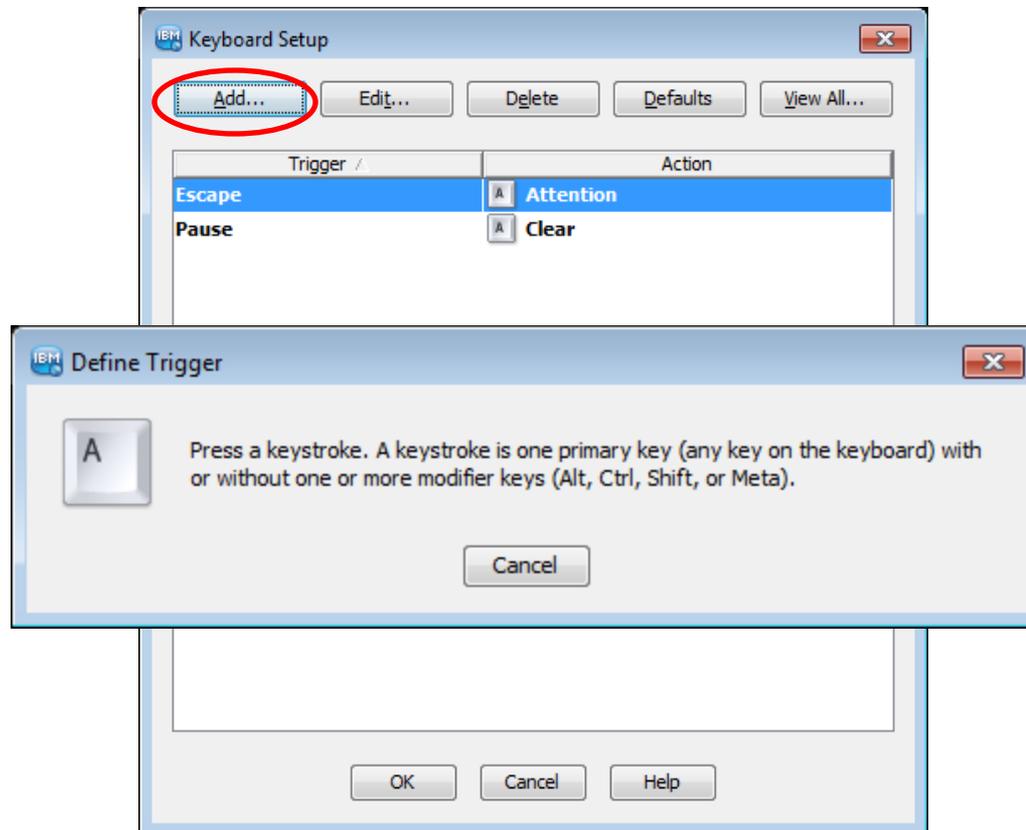
The Keyboard Setup dialog box can be used to update the keyboard mapping for Reflection. Keyboard mapping is the association of keys or key combinations on your keyboard (the "trigger") with particular actions. A new option available is mapping a macro. To map a macro do the following:

Select **Setup** from the session toolbar then **Keyboard** from the drop down menu.



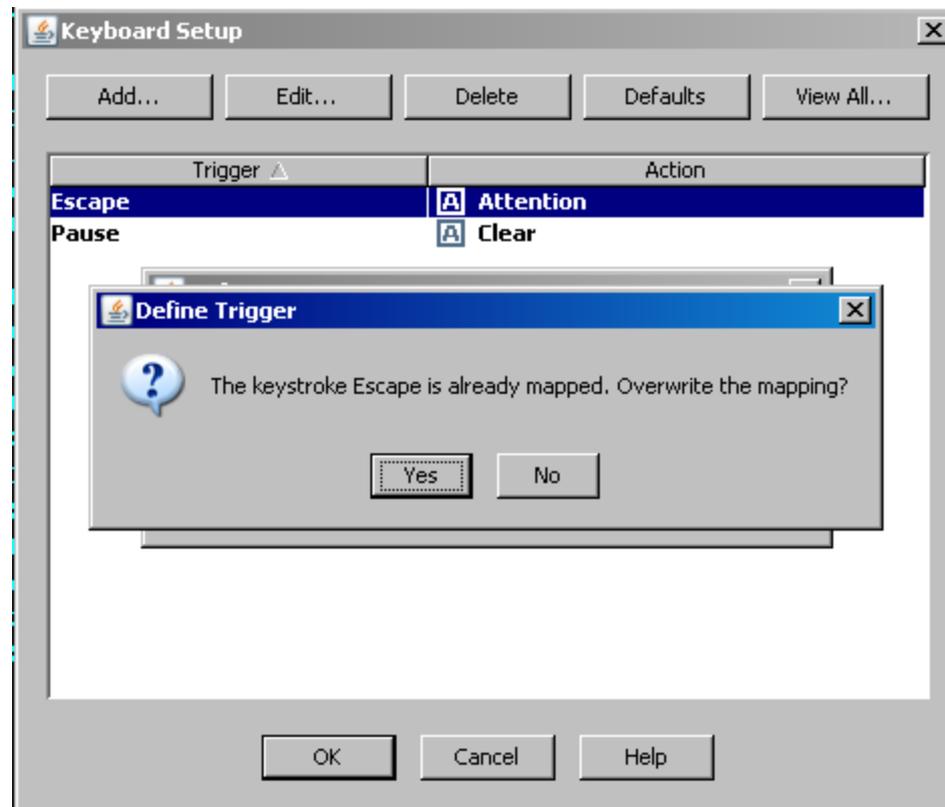
Keyboard Mapping: Mapping a Macro

Select **Add** and the Define Trigger box will appear. Press the keystroke that you want to map. For example if you are remapping the 'esc' key then press the 'esc' key .



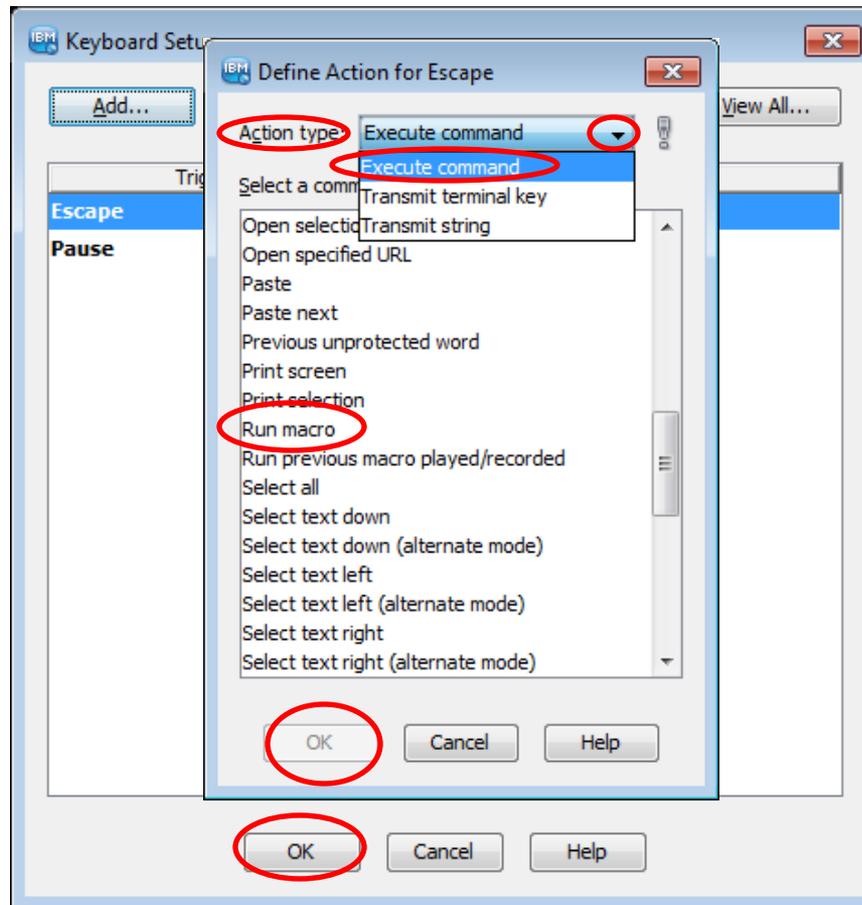
Keyboard Mapping: Mapping a Macro

If the key is already mapped you will receive 'The keystroke Escape is already mapped. Overwrite the mapping?' Select yes if you want to overwrite the current mapping.



Keyboard Mapping: Mapping a Macro

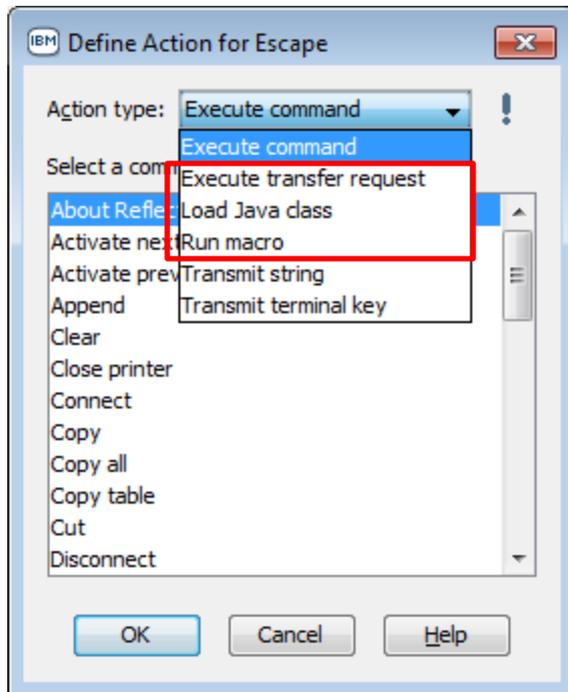
- The Define Action box will appear. To map a macro select **Execute command** in the Action type drop down. Scroll down to find **run macro**. Select **OK** and **OK** again to save the keyboard setup.



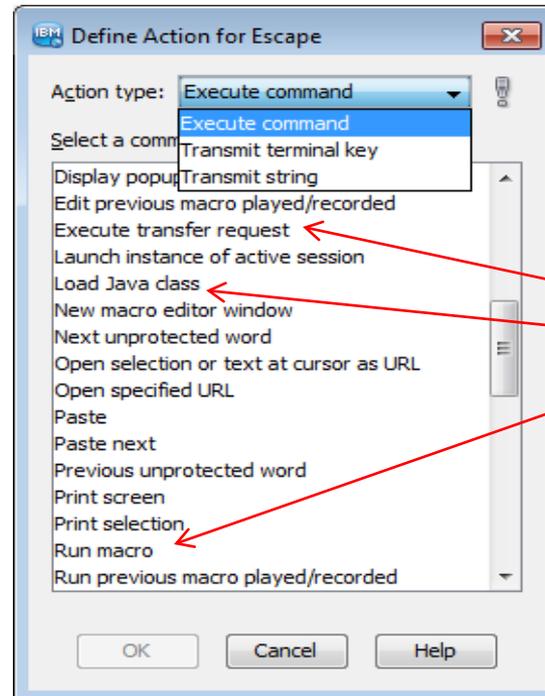
Keyboard Mapping: Mapping a Macro

Execute transfer request, Load java class and Run macro are no longer options within the Action type drop down. They are now available within the Execute command drop down.

RWeb 10.2



RWeb 11



Now located here

Keyboard Mapping: New Options

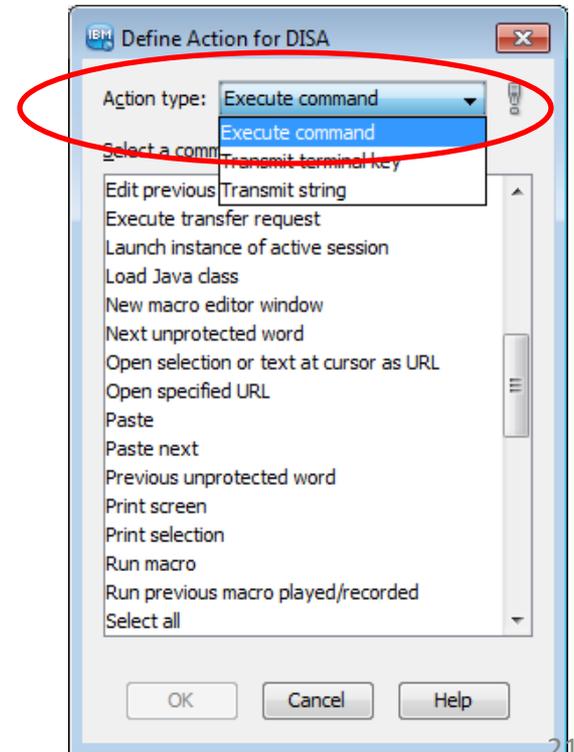
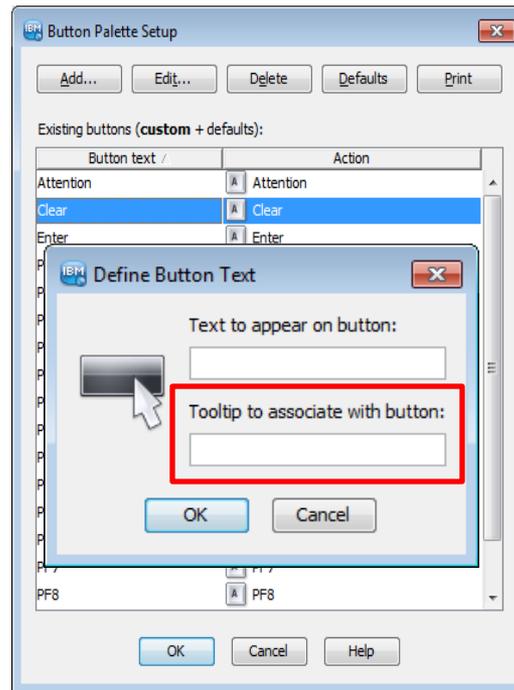
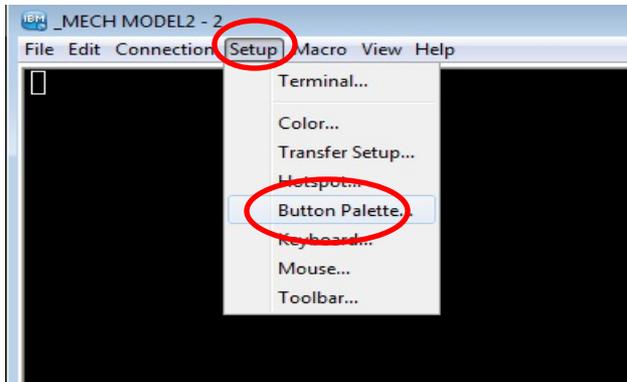
The following are new mapping options available using the Execute Command:

- Configure button palette
- Configure colors
- Configure keyboard mappings
- Display macro popup menu
- Edit previous macro played/recorded
- New macro editor window
- Open specified URL
- Run previous macro played/recorded
- Show IND\$FILE transfer window
- Show reflection for the web help
- Show transfer requests
- Start recording a macro
- Stop recording/running macro
- Toggle button palette
- Toggle keyboard palette
- Toggle SO/SI markers

*Note: These options are also available for the Button Palette

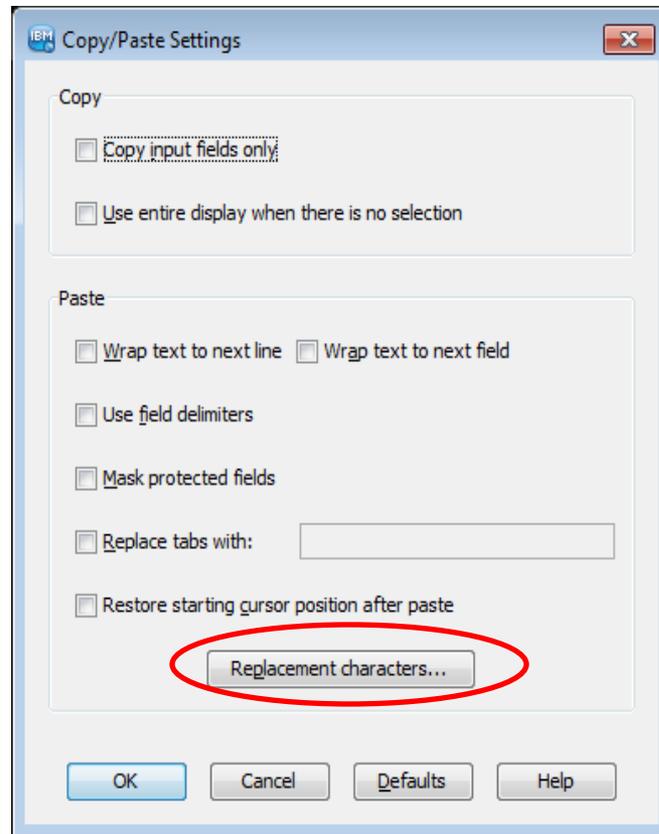
Button Palette

The button palette is a set of clickable buttons on a palette that you can use to transmit strings or host functions to the host, or to execute Reflection commands locally. To display the button palette, choose **Setup** then **Button Palette** from the dropdown menu. 'Tooltip to associate with button' is a new field in the Define Button Test box. The Button Palette also has the same new options in the Execute Command field as seen on the previous slide for keyboard mapping.



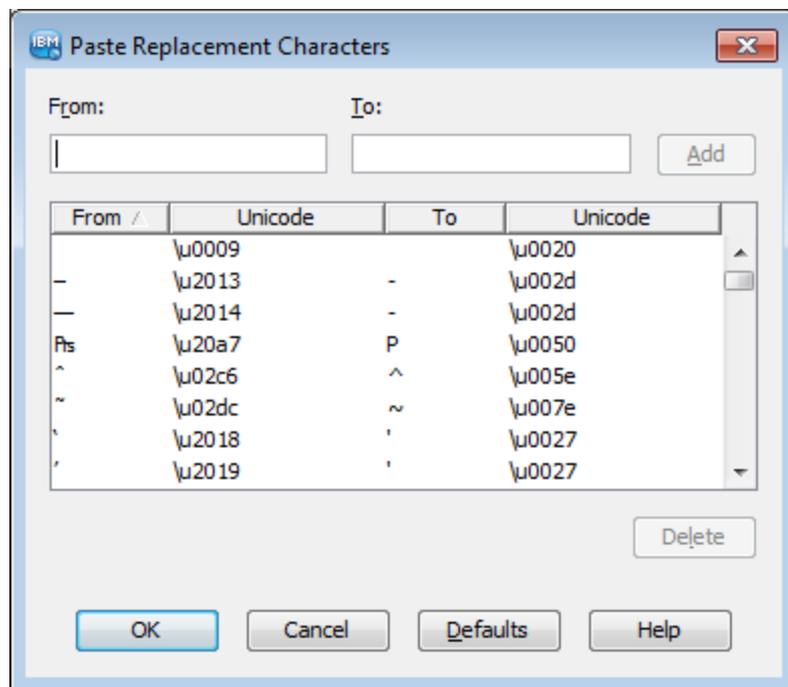
Paste Replacement Characters

In an IBM 3270 telnet session, if characters are not translated correctly during a paste from an application such as Microsoft Word, use the new Replacement characters feature. Select **Edit** on the toolbar, **Copy/Paste Settings**, from the dropdown, then select **Replacement characters**.



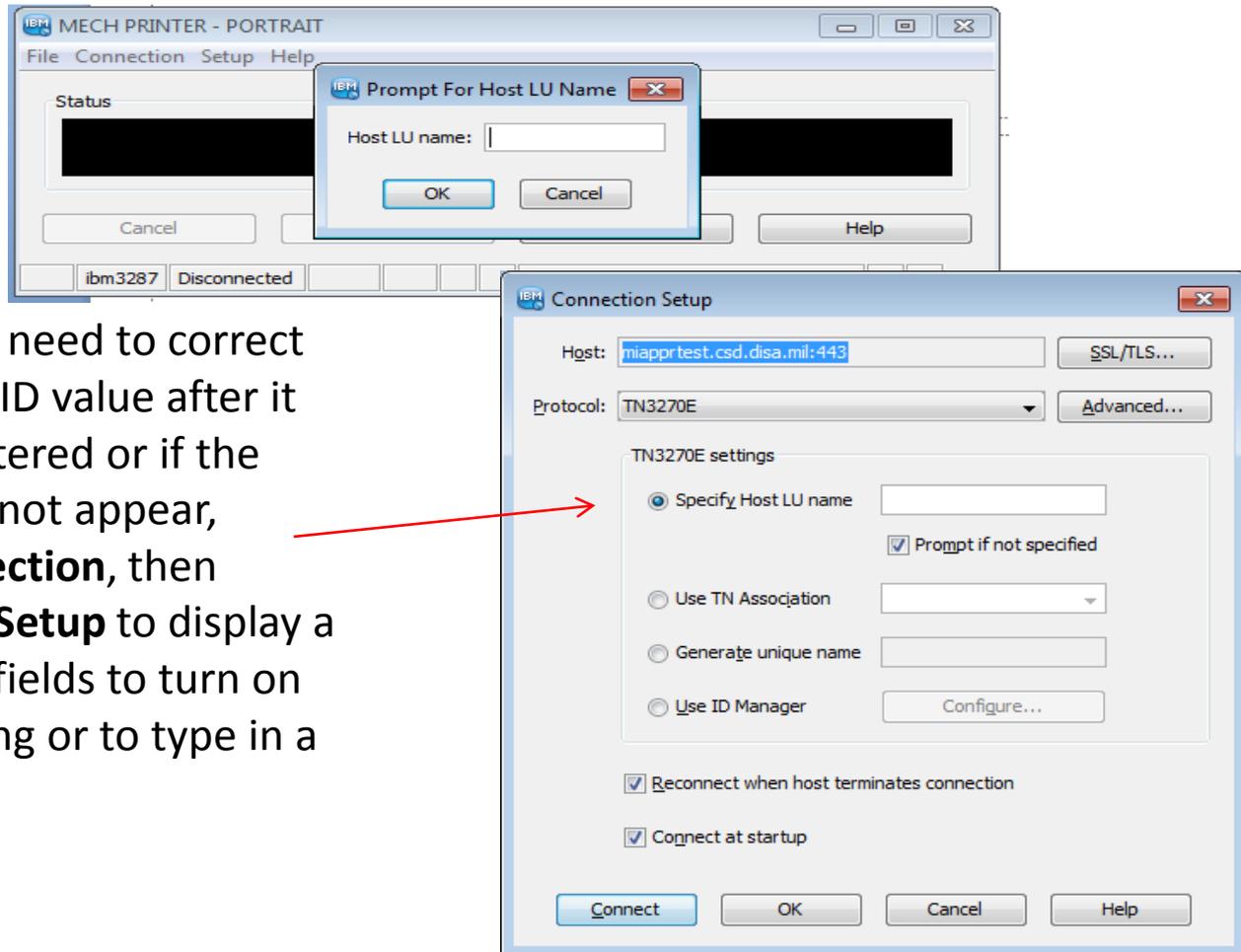
Paste Replacement Characters

When a pasted character is beyond the range of characters in the IBM 3270 translation table, a question mark (?) is displayed. To force the character that is not being replaced appropriately, assign a different value in this dialog box. Common Unicode characters and their replacements are already provided, but you can add new mappings, delete a mapping, or change a mapping. Click on Help button for more information.



Print

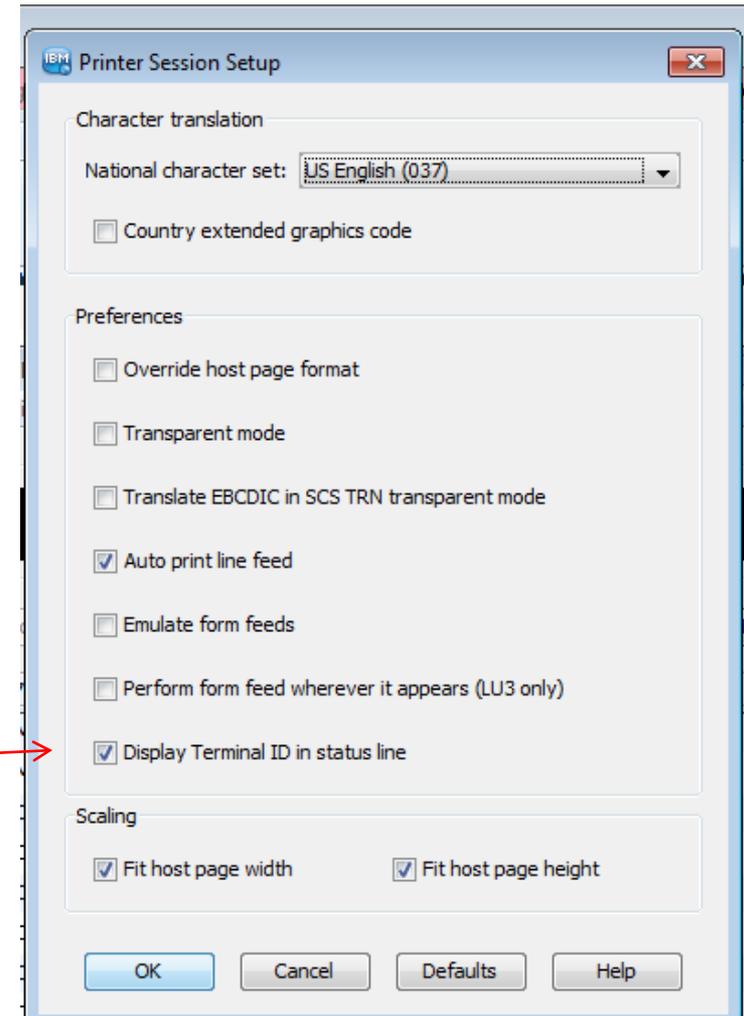
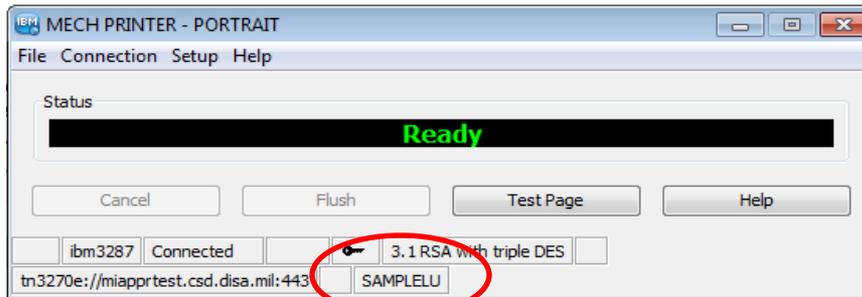
In a TN3270 printer session, prompt for the printer ID (Host LU name) has been modified. The following prompt will popup if the printer ID has not previously been input.



If you would need to correct your printer ID value after it has been entered or if the popup does not appear, select **Connection**, then **Connection Setup** to display a screen with fields to turn on the prompting or to type in a value.

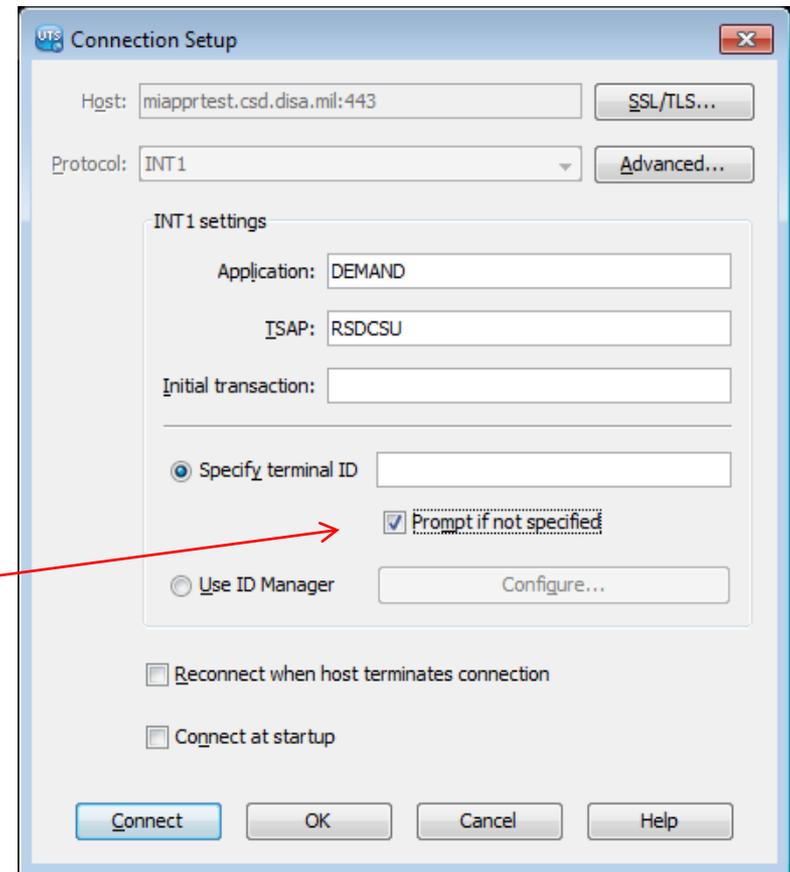
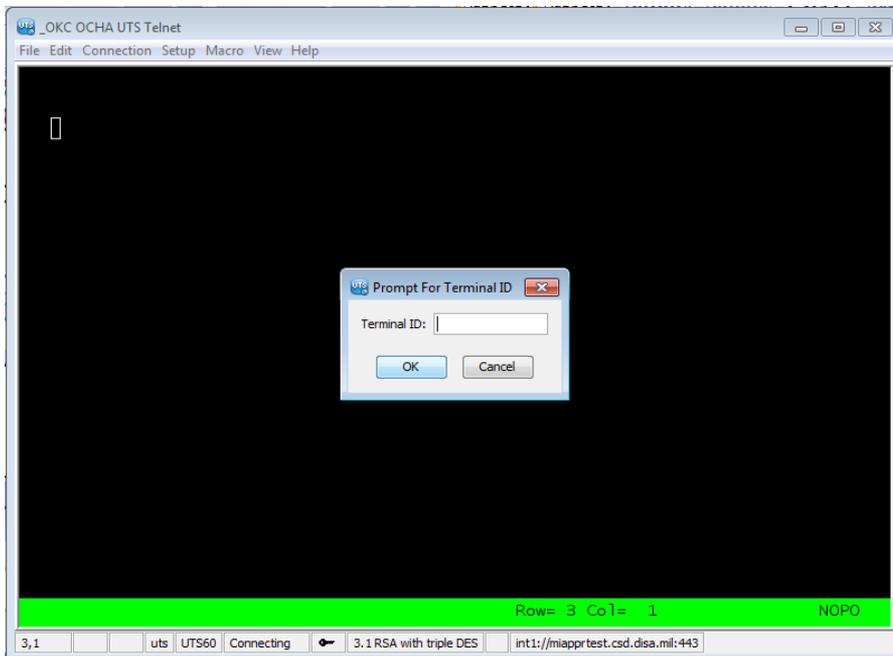
Print

To display the printer ID on the bottom of your screen, select **Setup**, then **Terminal** from the toolbar (**Printer Session Setup** screen will popup) and make sure that **Display Terminal ID in status line** is checked.



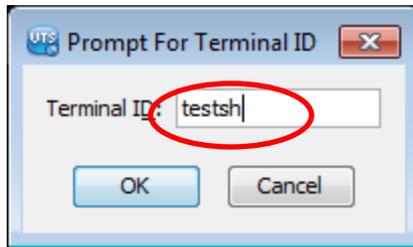
Unisys: Connection Setup

New in Rweb11, there is now a popup prompt for entering your terminal ID, if it has not been previously entered, as long as the **prompt if not specified** checkbox has been checked on the **Connection Setup** screen.

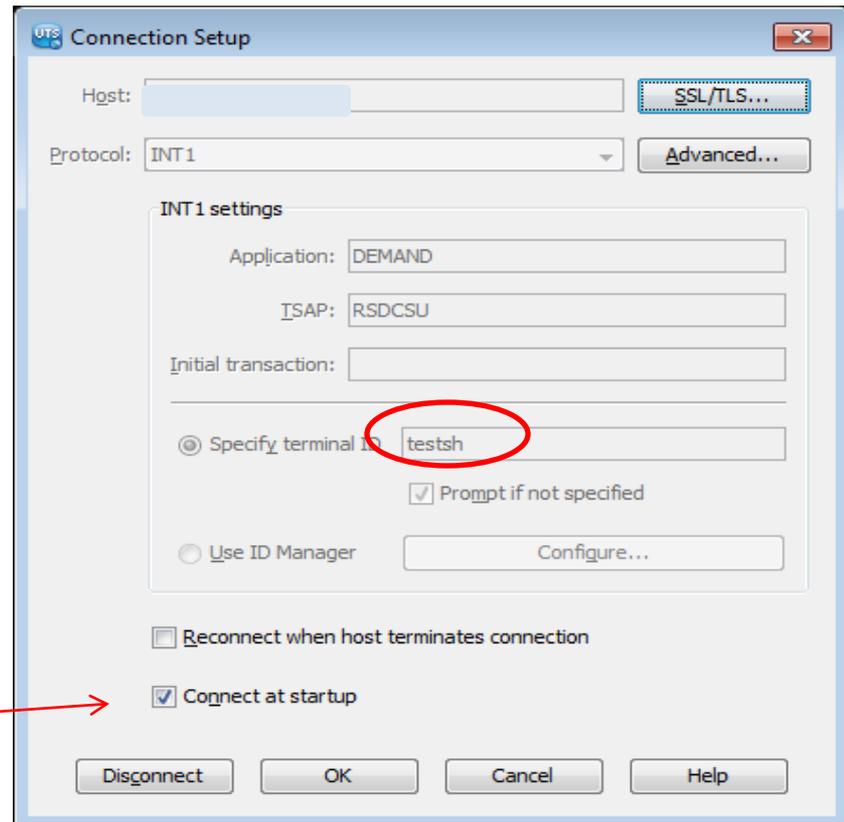


Unisys: Connection Setup

Once you have entered your terminal ID, it will be automatically filled in on the **Connection Setup** screen **Specify terminal ID** field and saved in your preference file, so that you will not be prompted for it again. If you need to correct your terminal ID, you can do so on the **Connect Setup** screen, after clicking on the **Disconnect** button if you are connected, so that the **Specify terminal ID** field will be ungreyed and accessible.

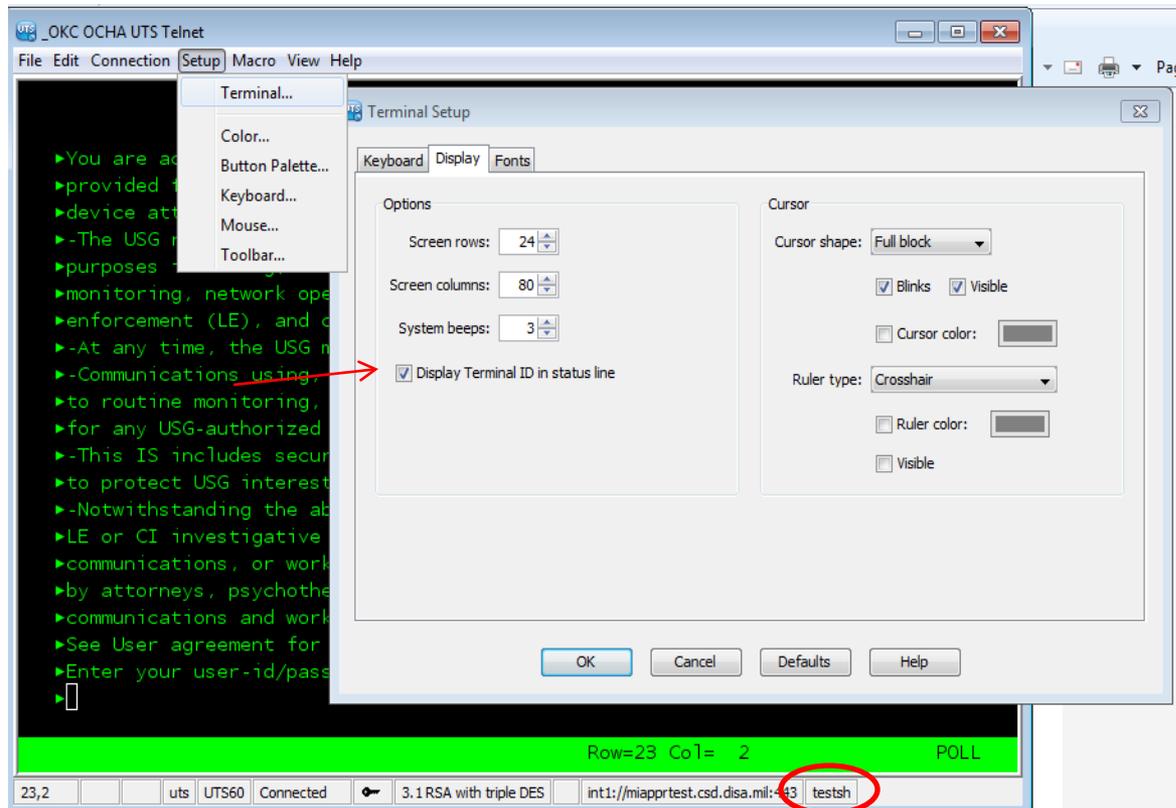


If the **Connect at startup** field is checked, your session will connect automatically when you launch it.



Unisys: Connection Setup

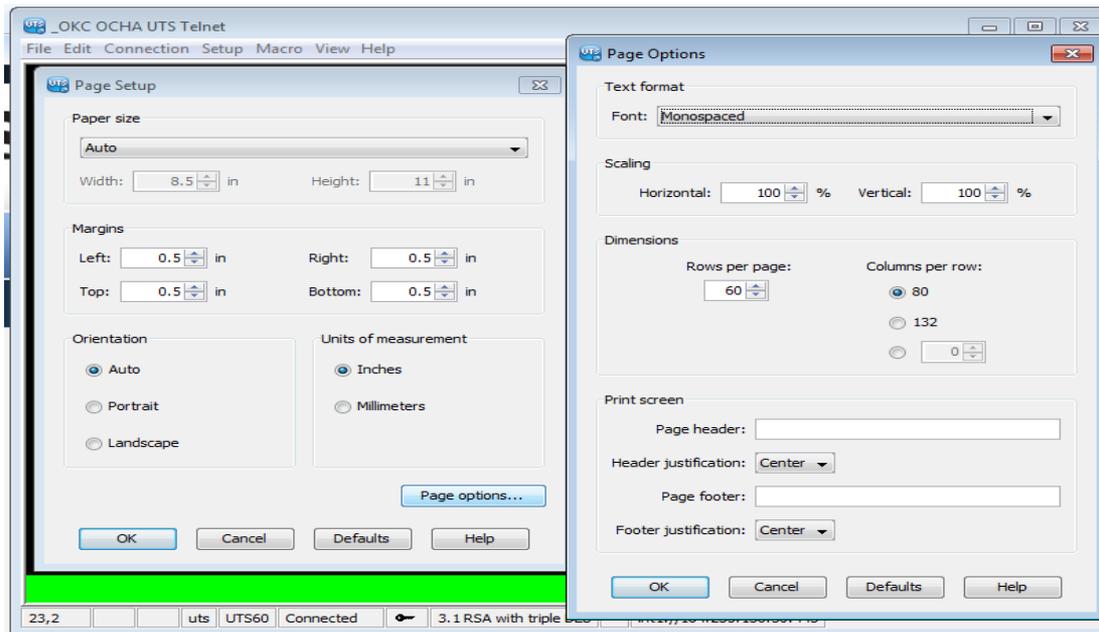
New Field: To display your terminal ID in the status line, select **Setup**, **Terminal**, click on **Display** tab and make sure the **Display Terminal ID in status line** is checked.



Unisys: Print

RWeb 11 includes an enhancement that allows variables to be input in as page headers and footers. From a Unisys session, select **File, Page Setup**, then the **Page options...** button.

Note: Page headers and footers are only used when the print is sent to the printer not went sent to file.



Unisys: Print

In the below example, **&d&t** in the **Page header** field results in the date and time being printed on the top of each page. **Page footer** of **&p** results in the page number being printed on the bottom of each page.

Page Options

Text format
Font: Monospaced

Scaling
Horizontal: 100 % Vertical: 100 %

Dimensions
Rows per page: 60 Columns per page: 80

Print screen
Page header: &d&t
Header justification: Center
Page footer: &p
Footer justification: Center

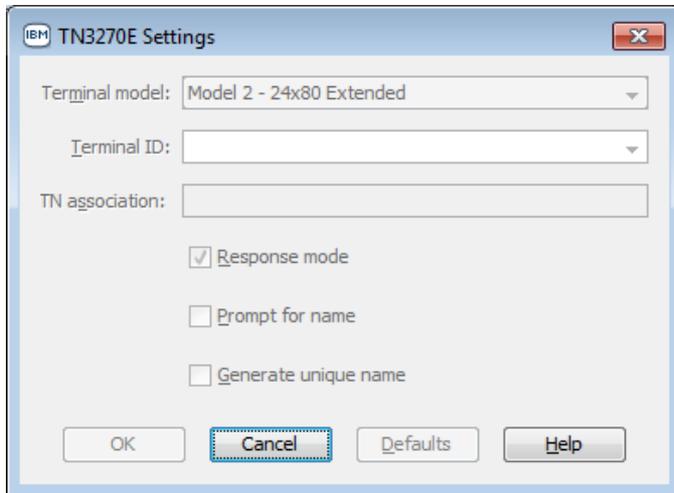
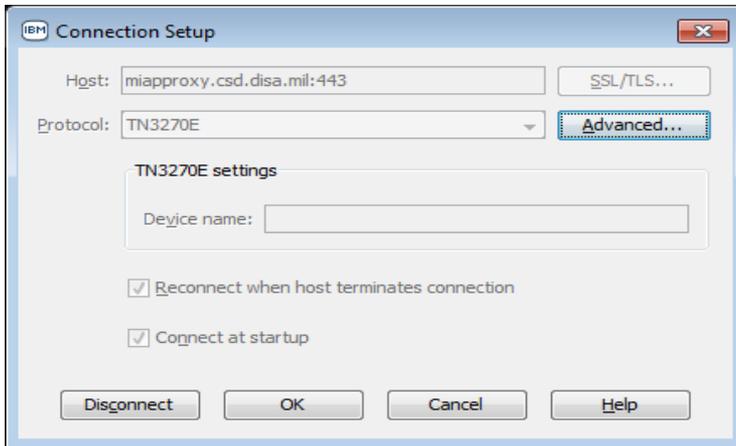
OK Cancel Defaults Help

```
Row 1 --10-----20-----30-----40-----50-----60-----70-----80
Number of rows per page: 60. Number of characters per row: 80.
Font used for printing: Monospaced
Margins (in): Left = 0.5, Right = 0.5, Top = 0.5, Bottom = 0.5
Row 5 --10-----20-----30-----40-----50-----60-----70-----80
!#$%&'()*+,-./0123456789;=<=>?@ABCDEFGHIJKLMNopqrstuvwxyz[\]^_`abcdefghijklmnop
qrstuvwxyz{|}~!#$%&'()*+,-./0123456789;=<=>?@ABCDEFGHIJKLMNopqrstuvwxyz[\]^_`ab
cdefghijklmnopqrstuvwxyz{|}~!#$%&'()*+,-./0123456789;=<=>?@ABCDEFGHIJKLMNopQRST
UVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~!#$%&'()*+,-./0123456789;=<=>?@ABCDEF
--10-----20-----30-----40-----50-----60-----70-----80

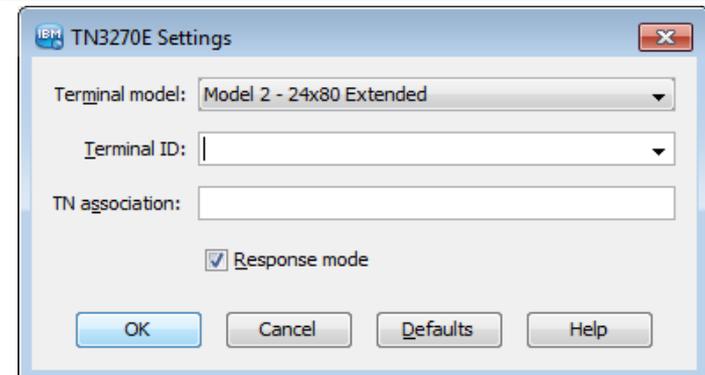
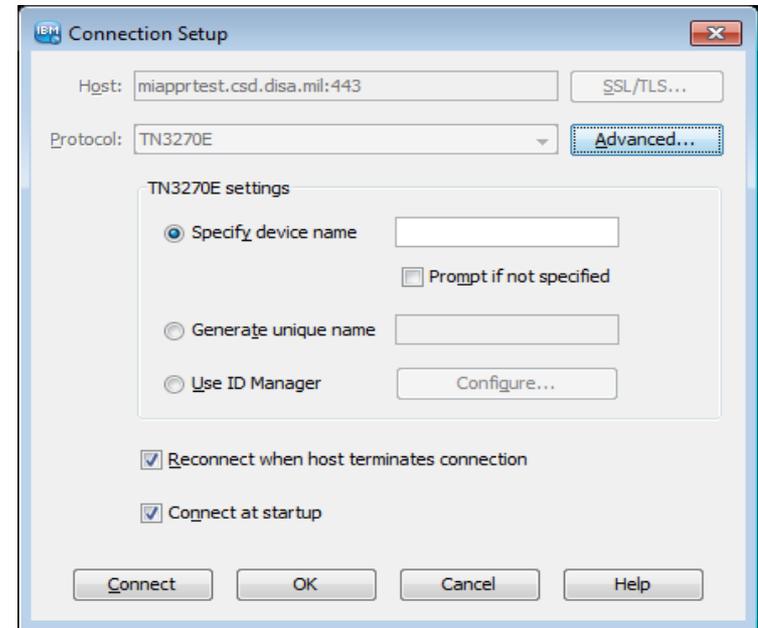
Row 50 -10-----20-----30-----40-----50-----60-----70-----80
%&'()*+,-./0123456789;=<=>?@ABCDEFGHIJKLMNopqrstuvwxyz[\]^_`abcdefghijklmnopqrst
uvwxyz{|}~!#$%&'()*+,-./0123456789;=<=>?@ABCDEFGHIJKLMNopqrstuvwxyz[\]^_`abcdef
ghijklmnopqrstuvwxyz{|}~!#$%&'()*+,-./0123456789;=<=>?@ABCDEFGHIJKLMNopqrstuvw
YZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~!#$%&'()*+,-./0123456789;=<=>?@ABCDEFGHIJ
KLMNopqrstuvwxyz[\]^_`abcdefghijklmnopqrstuvwxyz{|}~!#$%&'()*+,-./0123456789;=<
=>?@ABCDEFGHIJKLMNopqrstuvwxyz[\]^_`abcdefghijklmnopqrstuvwxyz{|}~!#$%&'()*+,-.
/0123456789;=<=>?@ABCDEFGHIJKLMNopqrstuvwxyz[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
!#$%&'()*+,-./0123456789;=<=>?@ABCDEFGHIJKLMNopqrstuvwxyz[\]^_`abcdefghijklmnop
qrstuvwxyz{|}~!#$%&'()*+,-./0123456789;=<=>?@ABCDEFGHIJKLMNopqrstuvwxyz[\]^_`ab
Row 60 -10-----20-----30-----40-----50-----60-----70-----80
1
```

Telnet

For TN3270 telnet sessions, some of the device name fields, i.e. prompting, have moved from the TN3270E Settings screen to the Connection Setup page.



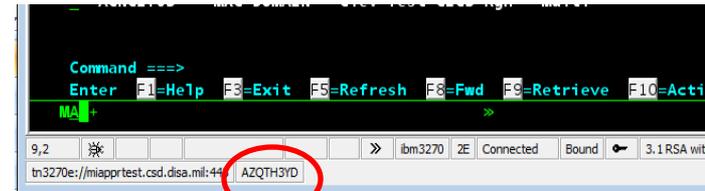
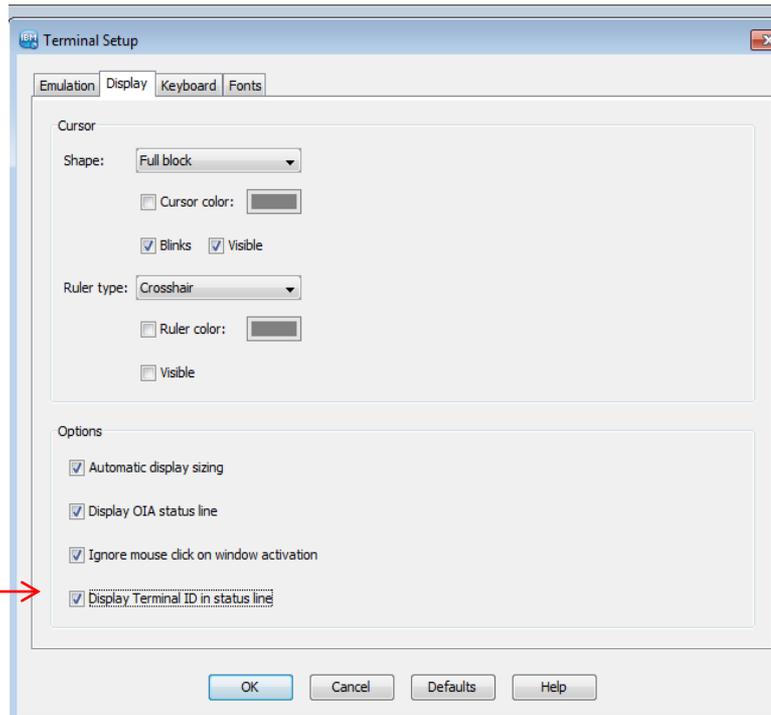
RWeb 10.2



RWeb 11.0

Telnet

New Field: To display your terminal ID in the status line, select **Setup**, **Terminal**, click on **Display** tab and make sure the **Display Terminal ID in status line** is checked.

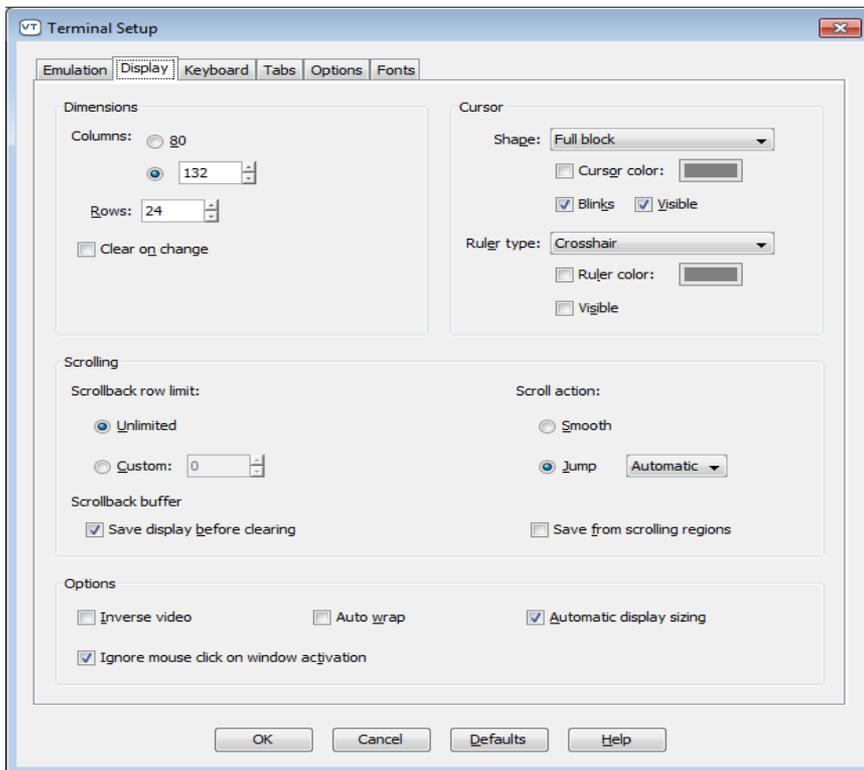


VT 320

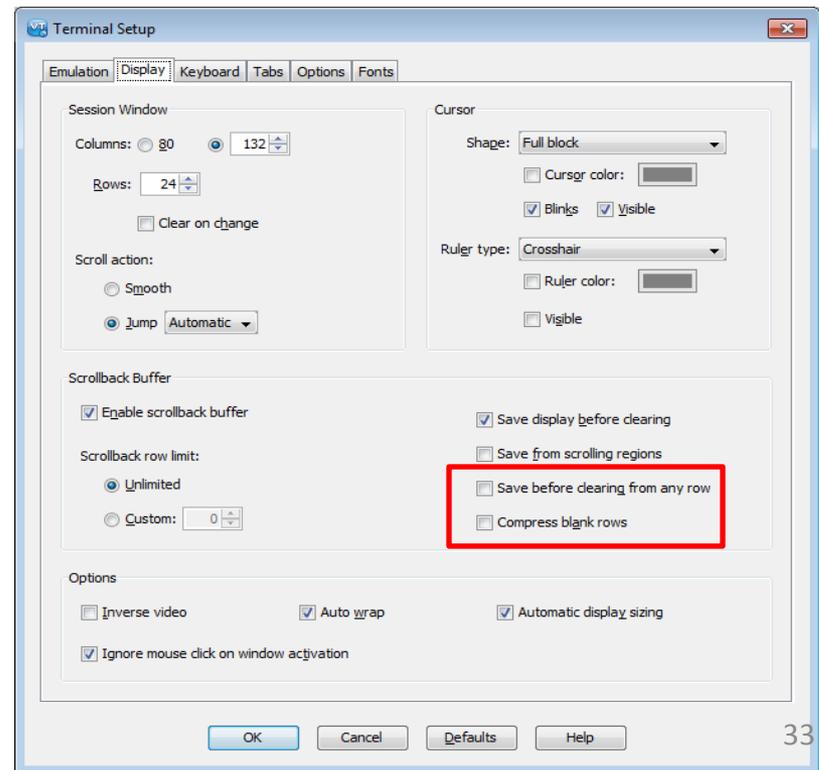
See below for the new layout of the VT 320 Terminal Setup Display Window. It also has the following two additional options:

- **Save before clearing from any row:** This setting specifies whether data that has been cleared from a portion of the terminal window is saved in display memory.
- **Compress blank rows:** Select this option to save room in display memory by compressing multiple blank rows into a single blank row.

10.2



11.0



FTP: 530 Error

If an invalid user name or password is entered, the following error message is now displayed prior to the “Username/password is invalid” message that was displayed in prior RWeb versions. After clicking OK, the familiar username/password message will then still be displayed. The first message is the actual error message from the FTP server.



FTP: Icons

FTP icons have been updated. If the icons are not self explanatory, recommend turning on the text with the icons as described on slide #6 (Toolbar Functionality).

Examples

Send to Host

11.0



Send to Host

10.2



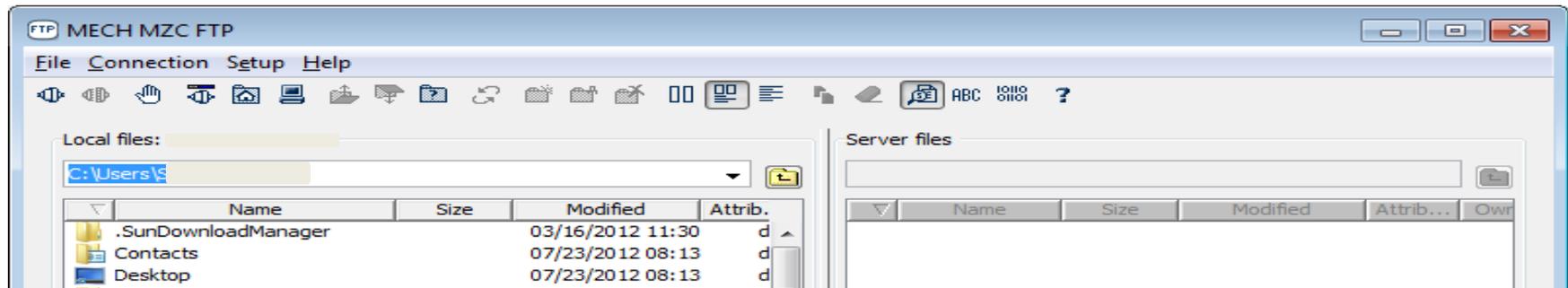
Transfer Setup



Transfer Options



11.0.

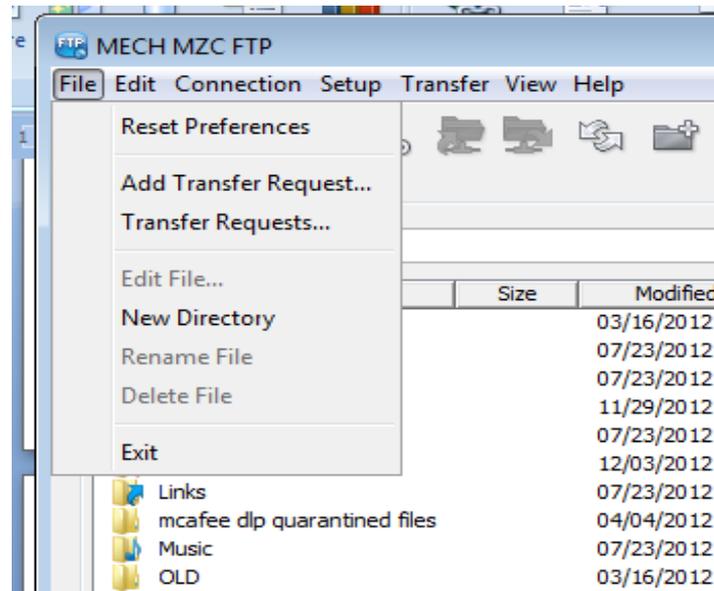


10.2

FTP: File Menu

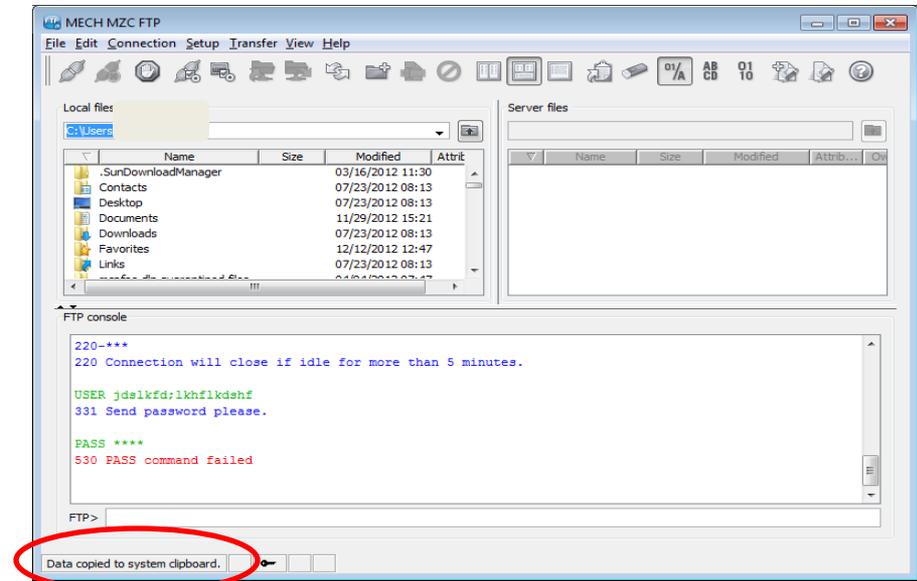
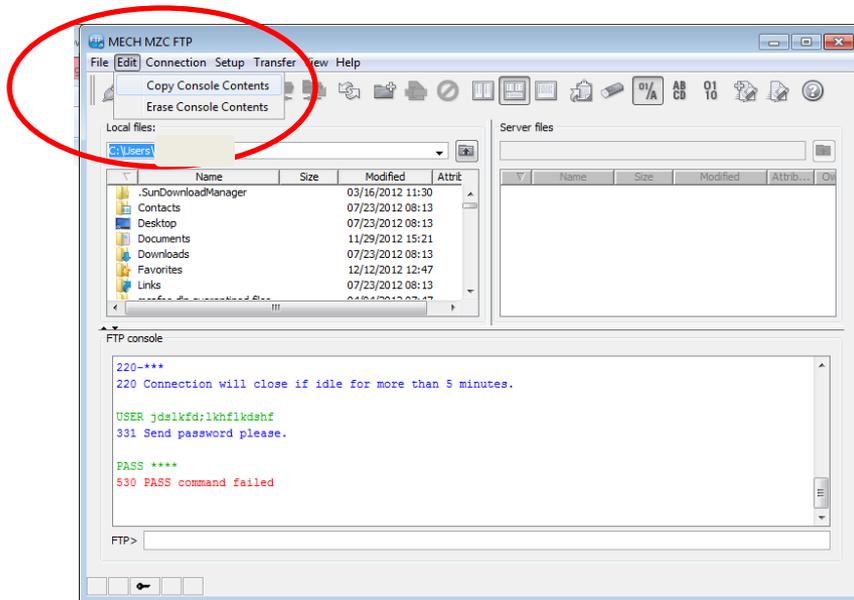
Additional toolbar dropdown selections have been added. Most of these simply provide users with additional ways to perform functions they have always been able to do. Others support the new Transfer Request feature, which will be described subsequently.

As an alternative to using the icons, **File, New Directory, Rename File or Delete File** can now be used. The icons can still be used in RWeb11 as well. **Edit File** is a new option that can be used after selecting (highlighting) a local file and it will open the file for editing.



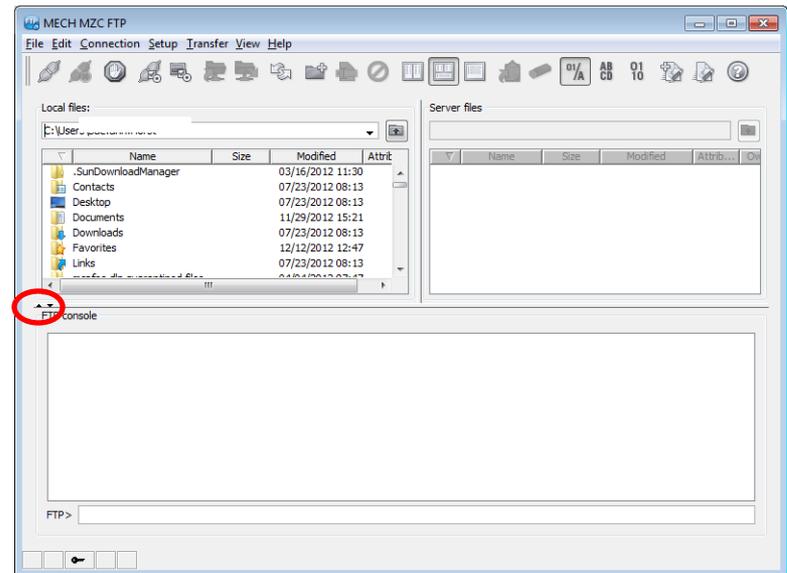
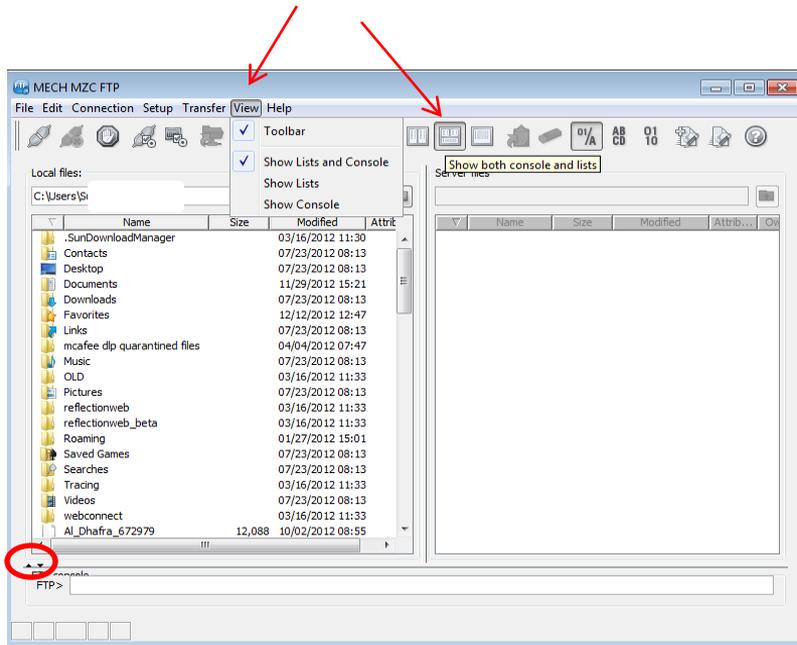
FTP: Edit Menu

Ability to copy and/or to clear the FTP console options can be found under the Edit option on the toolbar. Select **Edit**, then **Copy Console Contents** to copy all the data in the FTP console to the system clipboard. The **Data copied to the system clipboard** message will display on the bottom of your screen. This data can then be pasted into a Word, Notepad or other document. The **Edit** then **Erase Console Contents** will clear the FTP console on your screen.



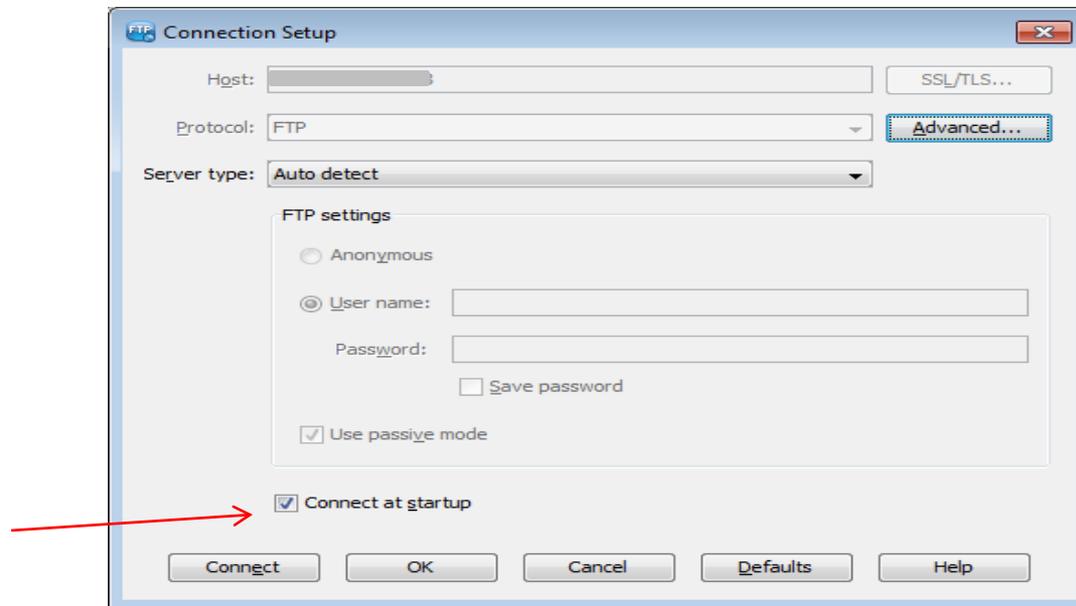
FTP: View Menu

An alternate way to change your display to show both lists and console or just one or the other is now available. Under **View**, check **Show Lists and Console** or **Show Lists** or **Show Console**. The original way to choose with the icons is still available. Reminder: To change the size of your FTP console hover your cursor on the up and down arrows above FTP console until a white arrow appears and then left click on your mouse and drag up or down.



FTP: Connection Setup

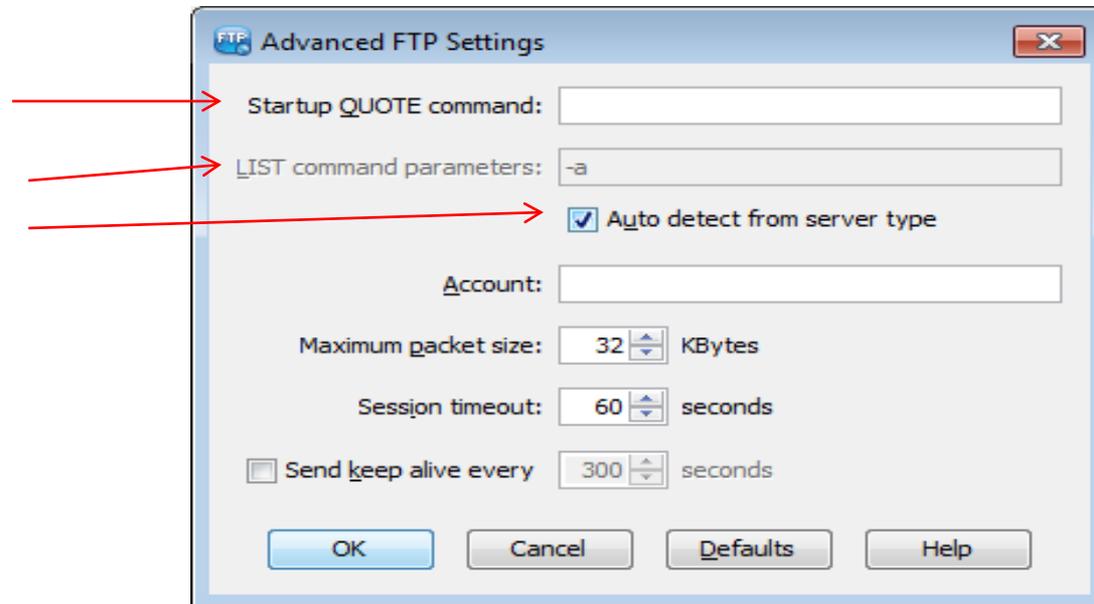
Connection Setup and its Advanced FTP Settings screen have had some additions. Select **Connection**, then **Connection Setup**. **Server type** is a new field that defaults to **Auto Detect**, which identifies your server automatically. **Connect at Startup** is also new and is checked by default so that the session behaves as it had previously establishing an FTP connection as soon as the session is launched. As before, click on the **Advanced** button to display the Advanced FTP Settings screen, to specify additional settings.



FTP: Connection Setup

On the **Advanced FTP Settings** screen the **LIST command parameters** field is new where any command parameters that should be sent when issuing a LIST command to the FTP server can be specified. The default value is **-a**. This option is only available if you clear the check box for Auto detect from server type.

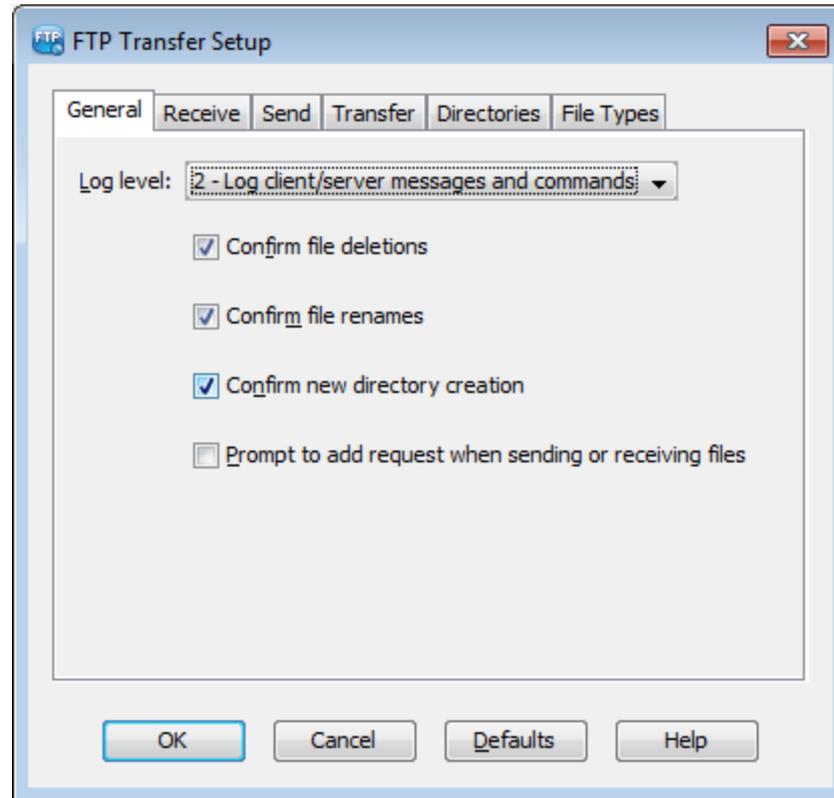
Reminder: **Startup Quote command** field can be used to specify a string to be sent to the FTP server as the session starts. It allows you to set FTP server options when starting the session. For example: `lrecl=160 blksize=18400`



FTP: Setup Transfer - General

Many of the transfer settings and options have been moved in RWeb11 for better organization and to group like items together. In the below tab driven **FTP Transfer Setup** screen. Select **Setup** from the menu , then **Transfer Setup**.

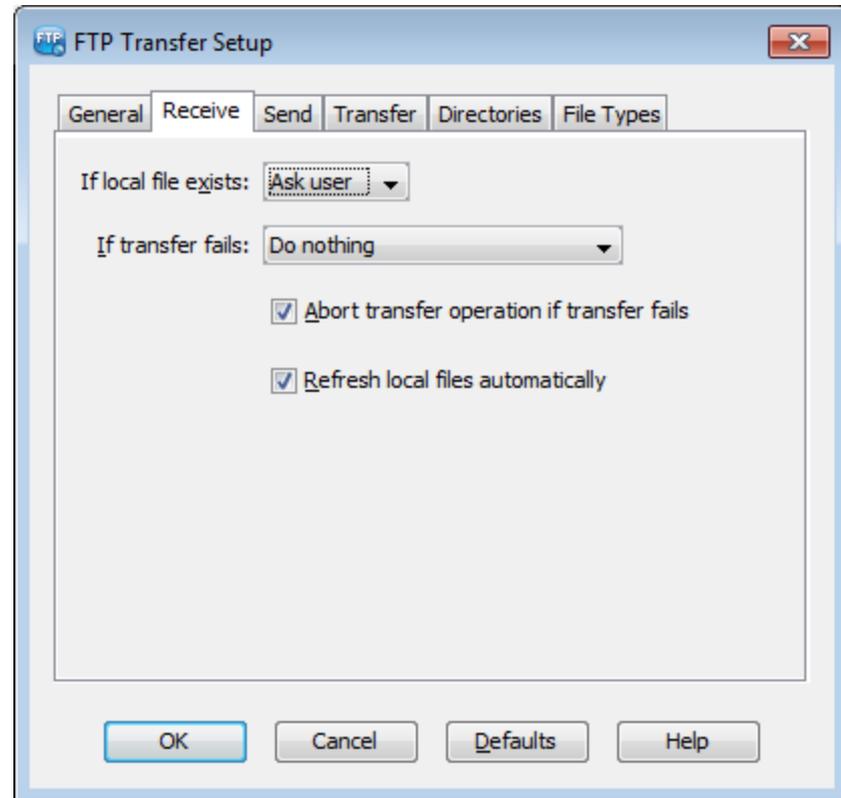
The default tab is the **General** tab shown. (These options were previously located on the Setup menu, FTP Options selection.) The **Prompt to add request when sending or receiving files** checkbox is new as part of the Transfer Requests enhancement.



FTP: Setup Transfer - Receive

Select **Setup** , **Transfer** then click on the **Receive** tab to configure settings to be used when receiving a local file from the remote host.

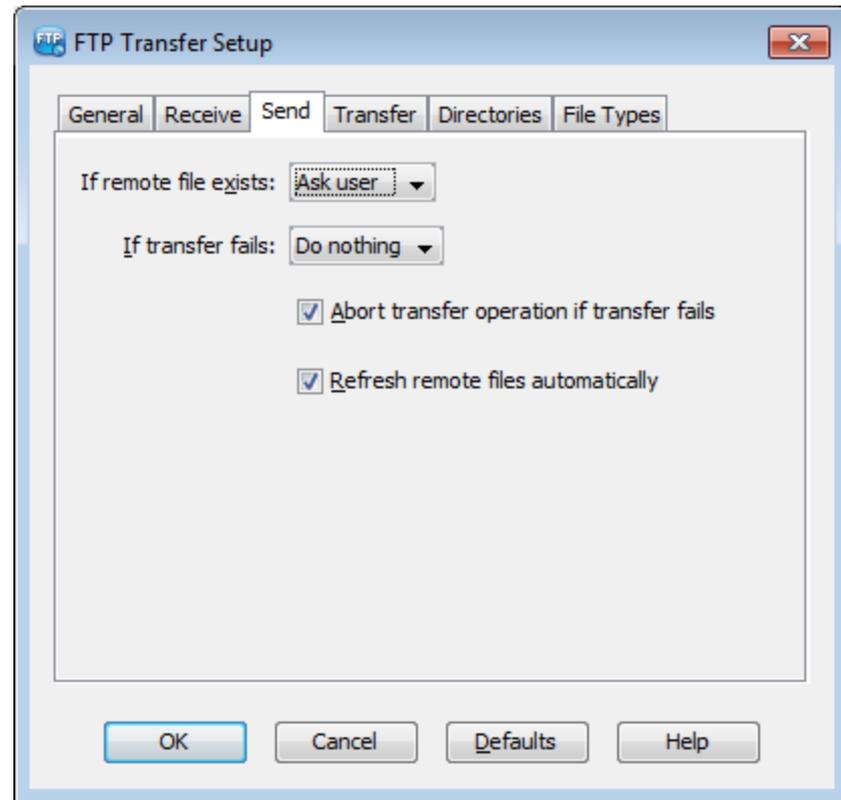
If local file exists and **Refresh local file automatically** fields were in previous versions (previous location Setup, FTP options). However, additional options are now available **If local file exists** and there is a new field **If Transfer fails:** to specify how the transfer should operate if the transfer fails.



FTP: Setup Transfer - Send

Select **Setup** , **Transfer** then click on the **Send** tab to configure settings to be used when sending a local file to the remote host.

If remote file exists and **Refresh remote file automatically** fields were in previous versions (previous location Setup, FTP options) . However, additional options are now available **If remote file exists** and there is a new field **If Transfer fails:** to specify how the transfer should operate if the transfer fails.

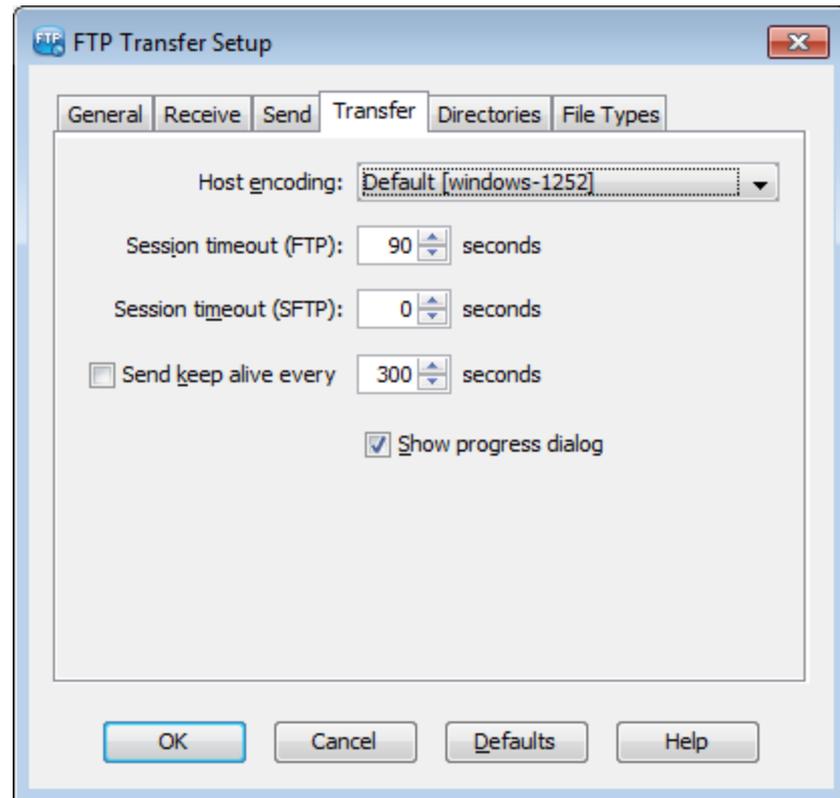


FTP: Setup Transfer- Transfer

Select **Setup, Transfer** then the **Transfer** tab to set additional transfer settings.

These fields were all available in previous RWeb versions.

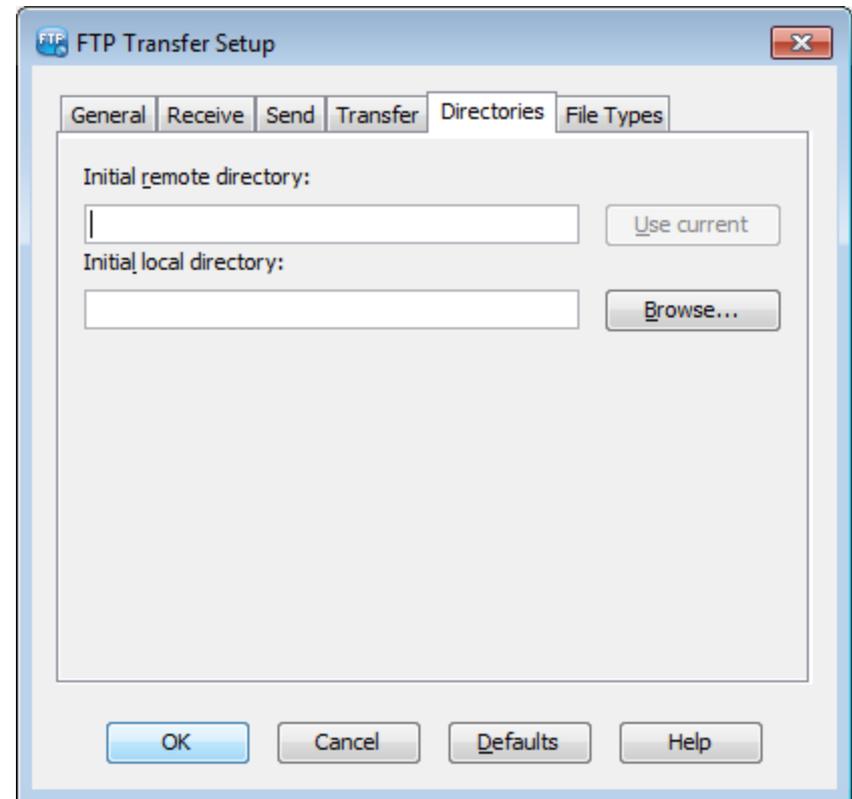
Host encoding and **Show progress dialog** previously were located on the Setup Transfer Options screen. **Session timeouts** and **Send keep alive** are located here in addition to under **Connection Setup** then **Advanced** button.



FTP: Setup Transfer - Directories

Select **Setup** , **Transfer** then click on the **Directories** tab to configure Initial remote and local directories.

These could previously be set under Setup menu , Directory locations selection.

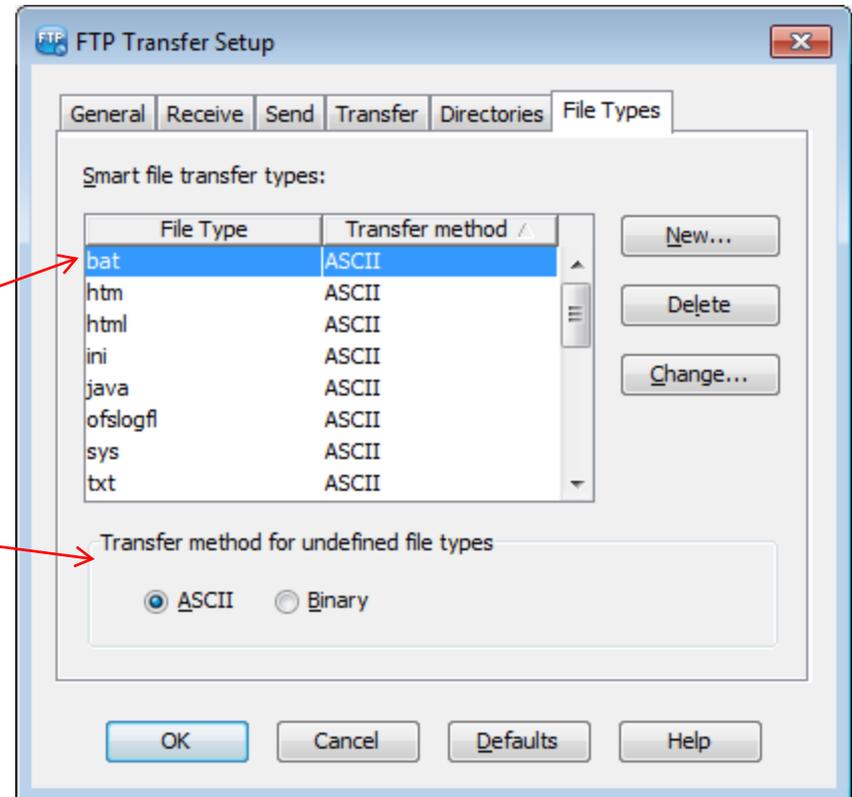


FTP: Setup Transfer – File Types

Select **Setup, Transfer** then click on the **File Types** tab to determine what transfer method to use (ASCII or binary) when transferring files using the smart file transfer option. The determination of how the files are transferred will be made on the selections made on this screen **only** if Smart transfer is selected (see next screen).

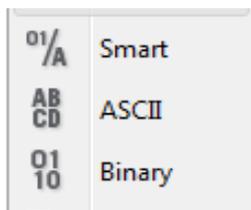
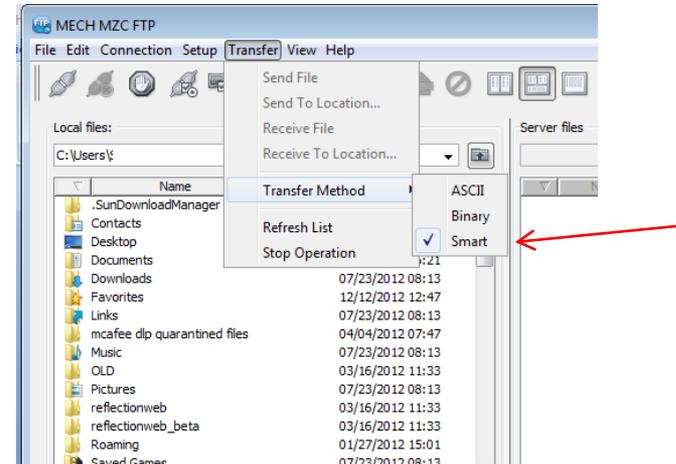
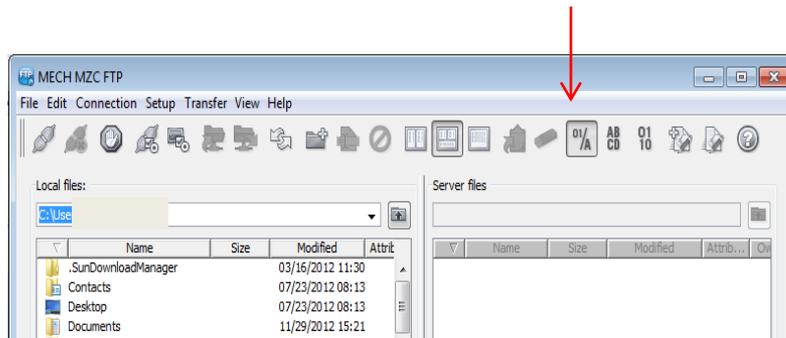
The determination of whether the files will be transferred using ASCII or binary method, depends on the source file extension. Ex. **.bat** file will use **ASCII** method, based on the highlighted entry on the right. Any file extension not in the table will use the **Transfer method for undefined file types** selection.

This screen was previously located under Setup menu, FTP Options selection, File Types button.



FTP: Setup Transfer – File Types

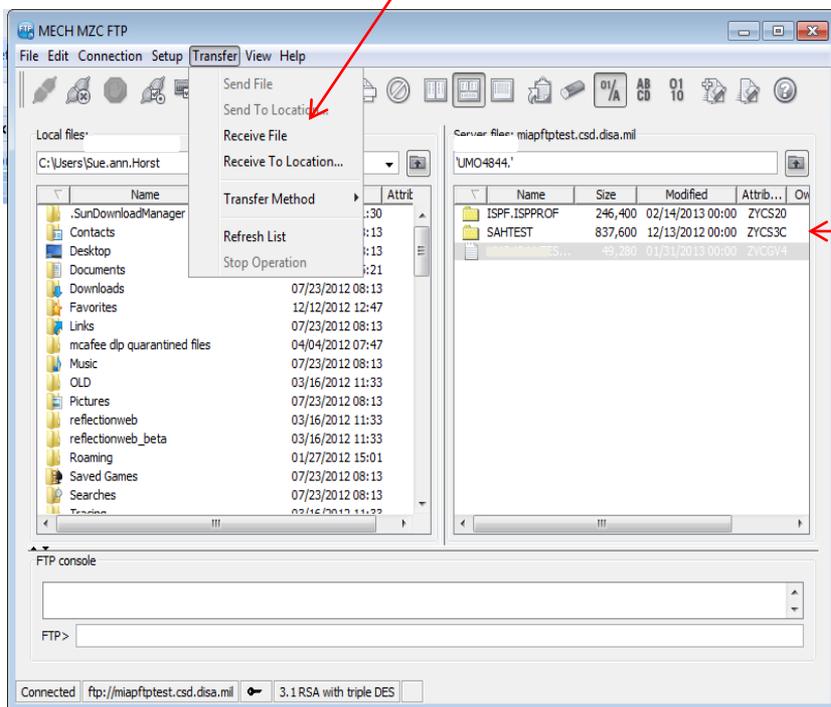
If you want the FTP client to automatically determine what transfer method to use (ASCII or binary) based on the type of file that is being transferred, select the **Smart** transfer method button in the FTP session window. Or if you select **ASCII**, all files will be transferred using the ASCII transfer method. If **Binary** is selected, all files will be transferred using the Binary method. This choice can be made by selecting the icon for either Smart, ASCII or Binary on the toolbar. An alternate way to make this choice that has been added in RWeb11, is to select **Transfer** from the menu, then **Transfer Method** and then make your selection. (Smart transfer has been selected in below examples.)



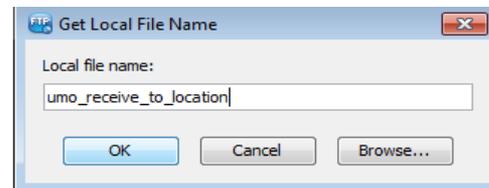
Magnified icons with text

FTP: Transfer Menu

The Transfer Menu is new in RWeb11. It mostly consists of alternate ways to perform functions that were previously available and are still available using the icons: **Send File**, **Receive file**, **Refresh List** and **Stop Operation**. **Transfer Method** was discussed on the previous slide.



After selecting a file or set of files in the server pane, select **Receive File** to transfer the file(s) to the current directory location on local machine. To instead specify the local file name, select **Receive to Location** and the prompt below will display allowing you to type in the new local file name. **Send File** and **Send To Location** behave similarly for files being sent to the host.



FTP: Transfer Requests

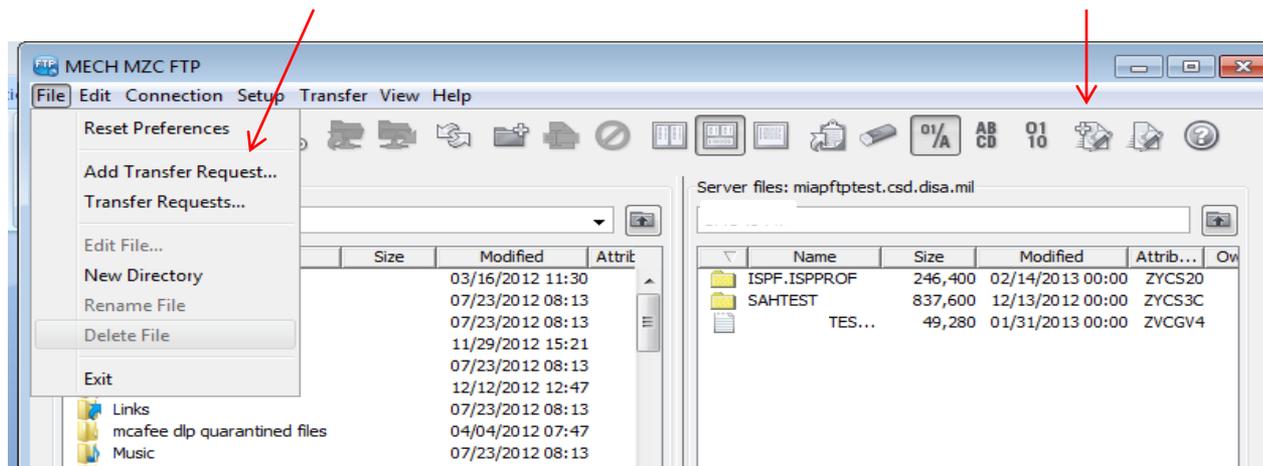
New Feature: **FTP Transfer Requests** Use FTP transfer requests to save file transfer information to later execute the transfers without having to specify files and options each time.

Creating a transfer request

In the local directory and the server directory panes of the FTP client, navigate to the location where the file transfer operation is to be performed. This is an easy way to specify the directories that will be used in your file transfer request.

Select the file or files that you want to transfer in the Local files pane or the Server files pane.

Click Add Request icon on the toolbar or select **Add transfer request** from the **File** menu.



Local files pane

Server files pane



Add transfer request icon

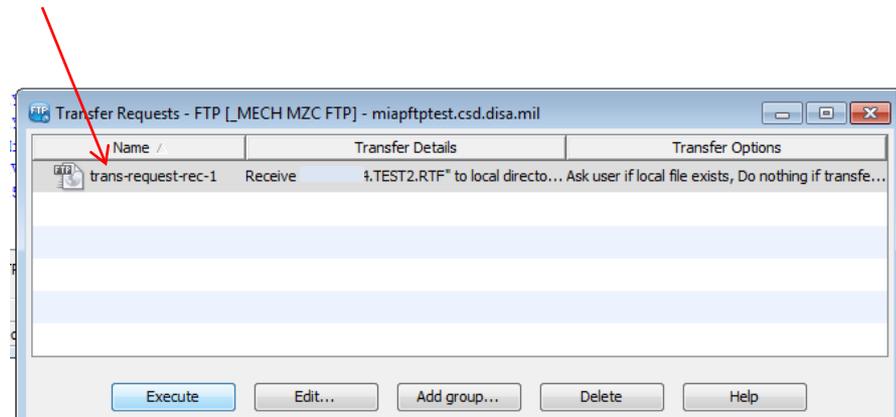
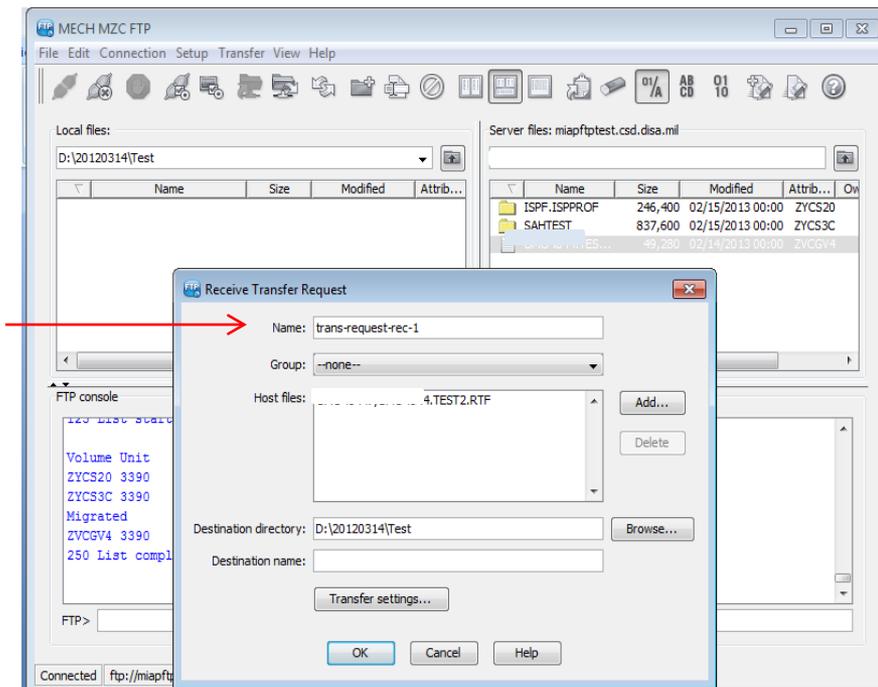
FTP: Transfer Requests

A **Receive Transfer Request** screen (shown below) or a **Send Request** screen will popup depending on whether the file(s) you selected to transfer were in the Local files pane or the Server files pane.

Specify a **Name** for the file transfer request.

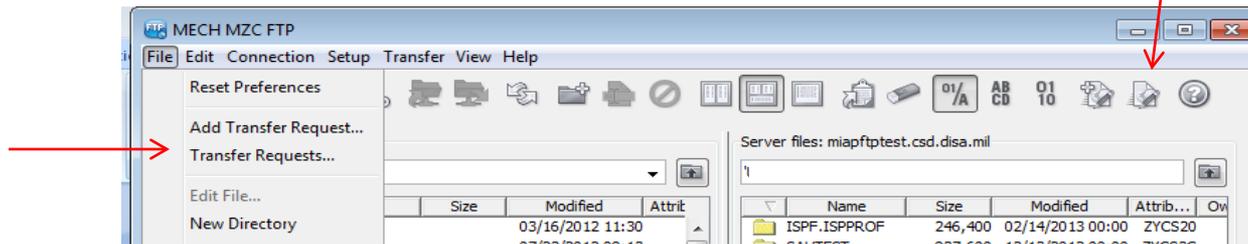
Review the **Transfer settings** for the transfer request, and make any necessary changes. Click OK.

A transfer request with that name will be added and will automatically be displayed on the **Transfer Requests** screen.



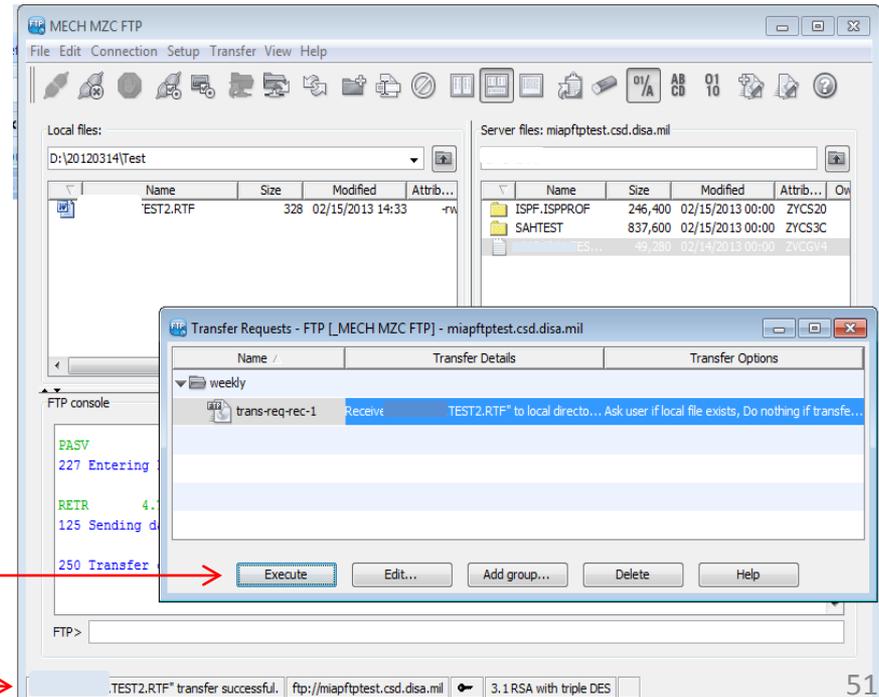
FTP: Transfer Requests

Transfer requests are shown in the Transfer Requests screen. To open this dialog box, do one of the following: Select **File**, then **Transfer Requests** or click the **Show transfer requests** icon on the toolbar.



Enlarged show transfer requests icon

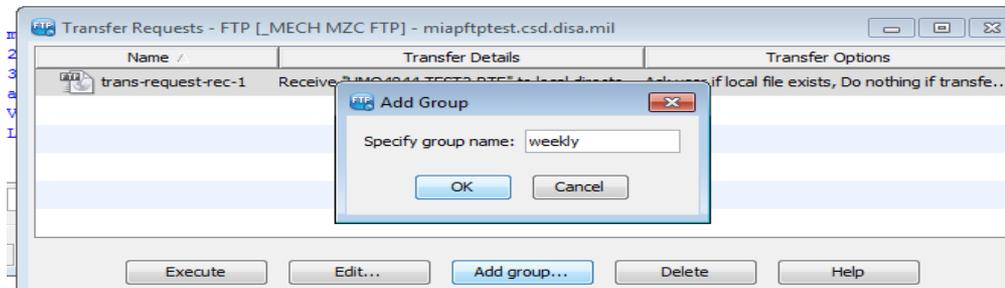
All existing transfer requests are listed in this dialog box, including transfer details about the files included in this transfer, and options you have configured for the transfer. To run a saved transfer, select it and click **Execute**. You can also edit or delete a transfer request from this list.



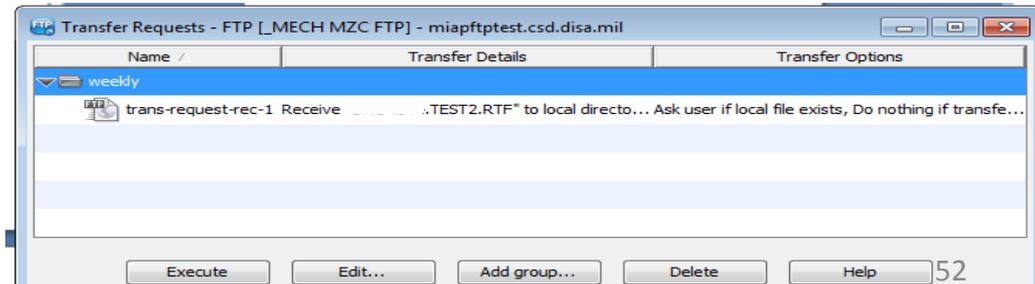
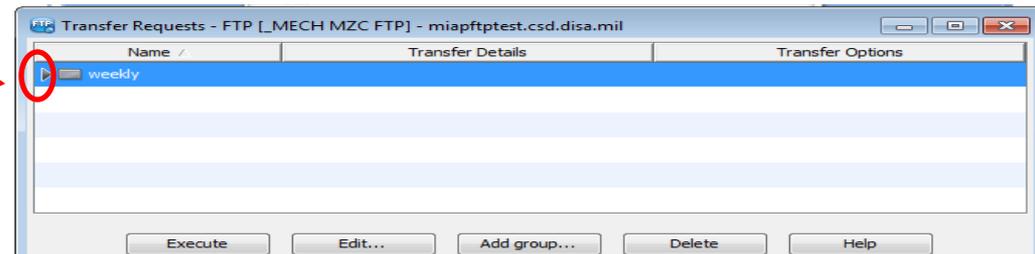
Successful file transfer message

FTP: Transfer Requests

Click on the **Add group** button to open the **Add Group** dialog box, where you can specify a new group name. Use transfer request groups to organize requests that you routinely execute together. You can drag transfer requests into a group or edit the request and select from a list of available groups.



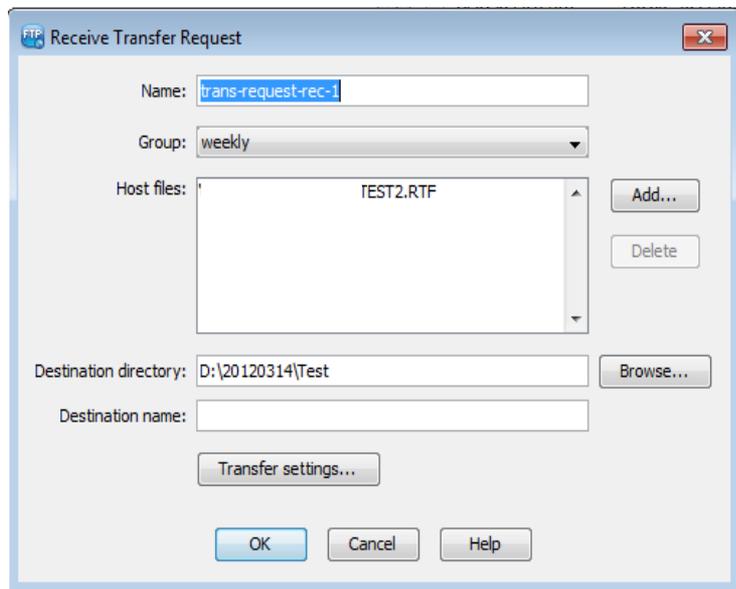
Click the arrow in front of the group folder to expand the group and show all requests that are included in it.



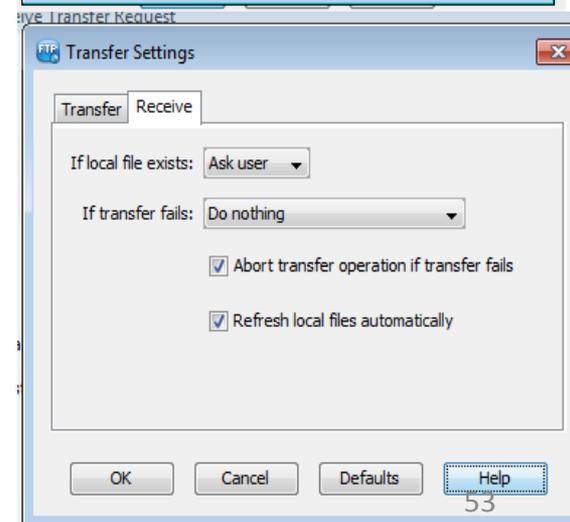
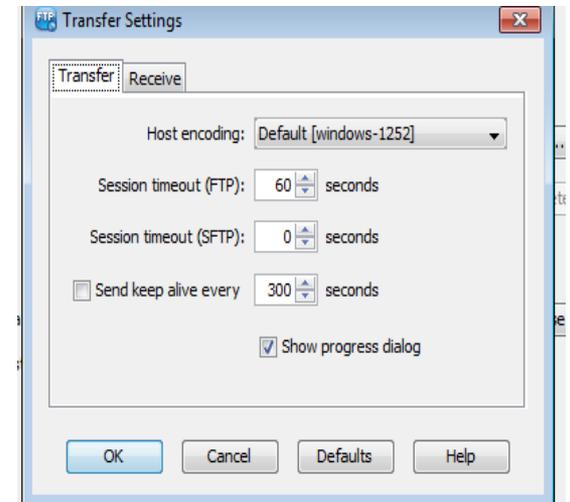
FTP: Transfer Requests

When creating a transfer request, if the file(s) you select to transfer are in the Server files pane (to be transferred to your local machine), the **Receive Transfer Request** screen will popup.

In addition to giving the transfer a name and group, you can also specify the filename for the file to be received in **Destination Name** and can select the **Transfer settings** button to specify additional options for the receive transfer request.



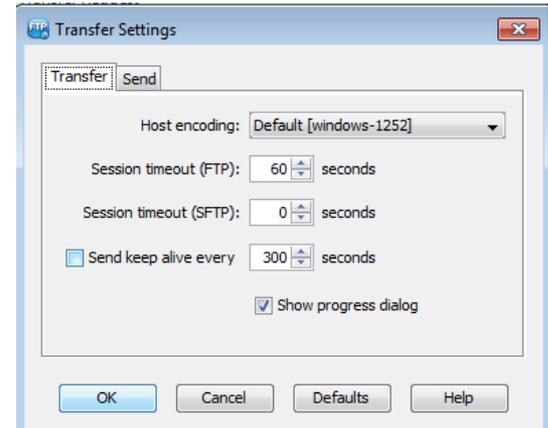
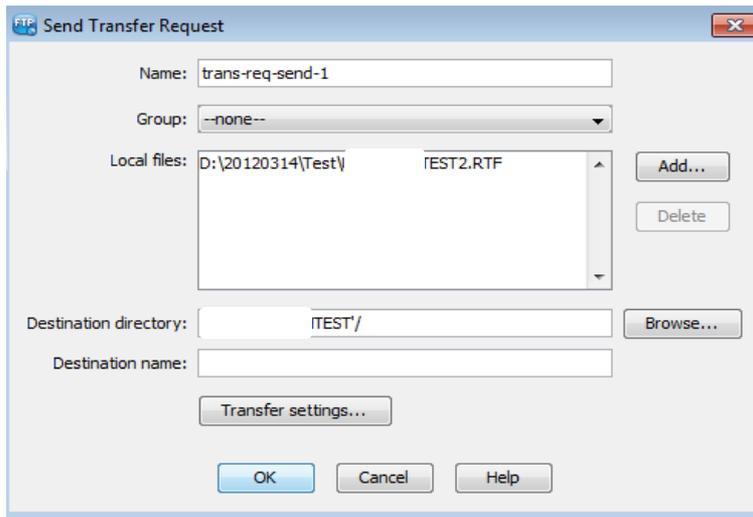
The settings on the **Transfer** and **Receive** tabs are similar to the Setup Transfer screens described earlier.



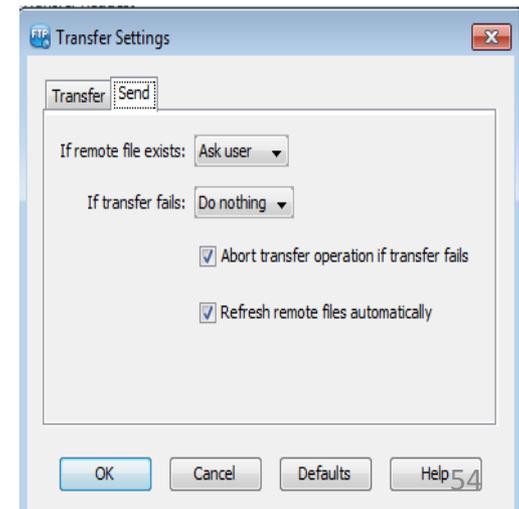
FTP: Transfer Requests

Similarly when creating a transfer request, if the file(s) you select to transfer are in the Local files pane (to be transferred to the server (host)), the **Send Transfer Request** screen will popup.

In addition to giving the transfer a name and group, you can also specify the filename for the file to be sent in **Destination Name** and can select the **Transfer settings** button to specify additional options for the send transfer request.



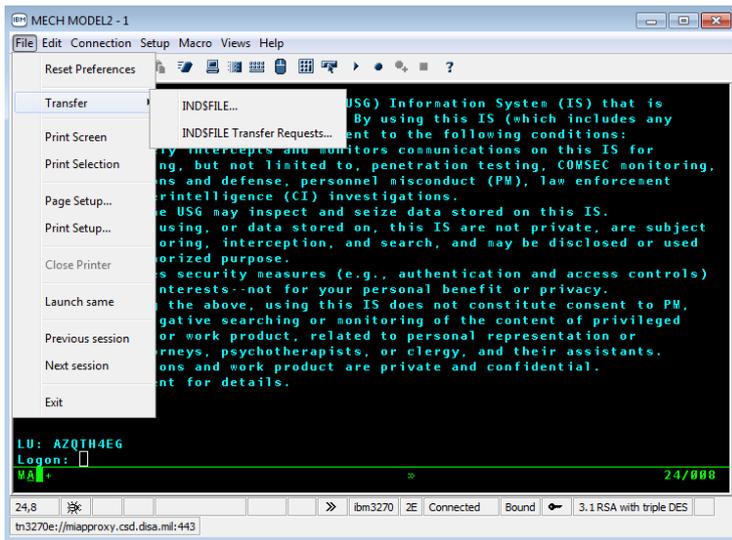
The settings on the **Transfer** and **Send** tabs are similar to the Setup Transfer screens described earlier.



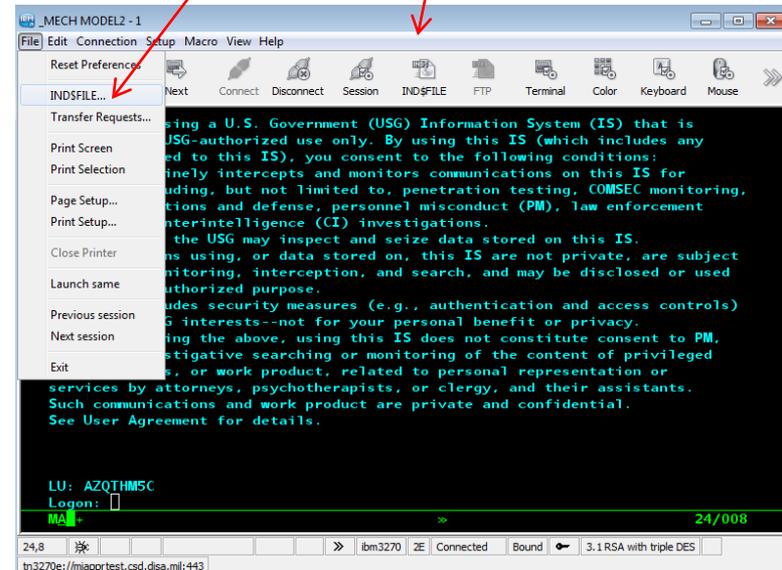
IND\$FILE

IND\$FILE and IND\$FILE Transfer Requests were available in previous versions, but their menu options have been moved to be directly under **File** as shown below. To now launch IND\$FILE either select **File** then **IND\$FILE** or the IND\$FILE icon from the Toolbar.

NOTE: Any host commands that were previously needed to perform IND\$FILE transfers, ex. TSO command option (6), entering `\ft` on command line, are still necessary.



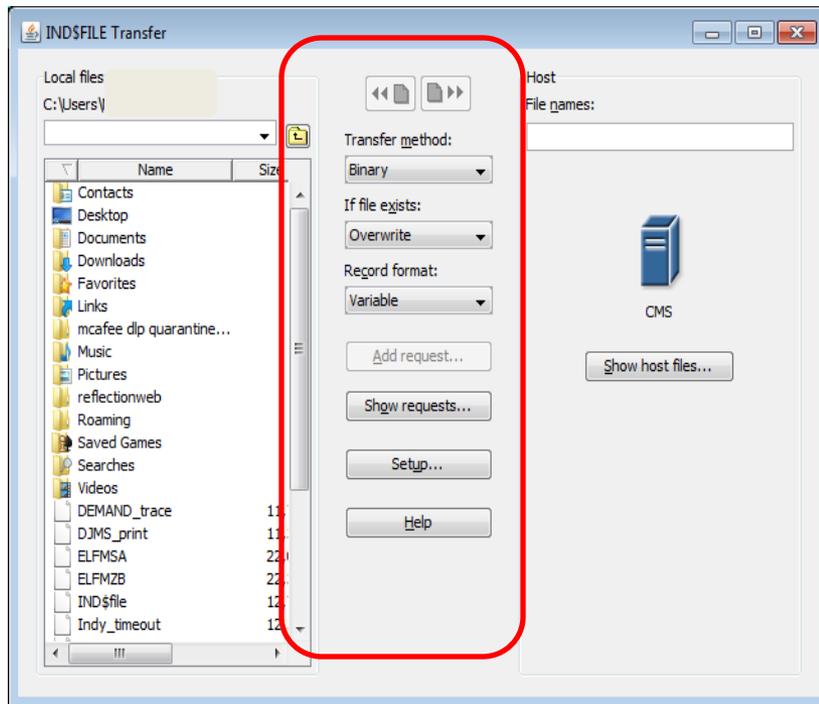
10.2



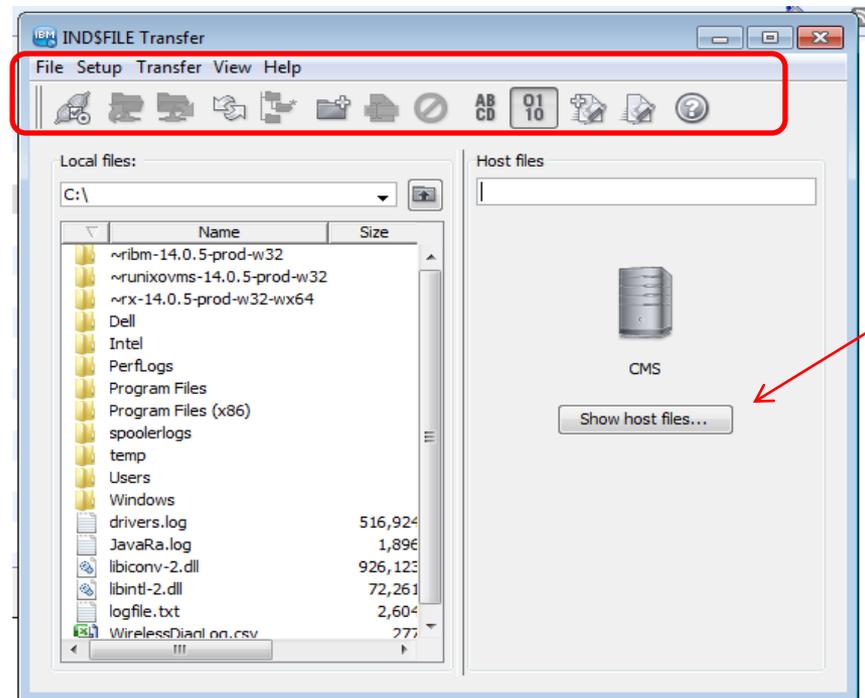
11.0

IND\$FILE

IND\$FILE has been reorganized in RWeb11 and its menu and screens now have a similar look to FTP in RWeb11. In RWeb11 there are now menu (File, Setup...) and toolbar icons available, instead of the dropdowns and buttons previously located in the center of the screen. **Show host files** is still used to list files on the host.



10.2



11.0

IND\$FILE: Icons

The icons are consistent with the icons for FTP. If the icons are not self explanatory , recommend turning on the text with the icons as described on slide #6 (Toolbar Functionality) or clicking **Help** menu. Icon examples:



Transfer (Send) selected files to the host.



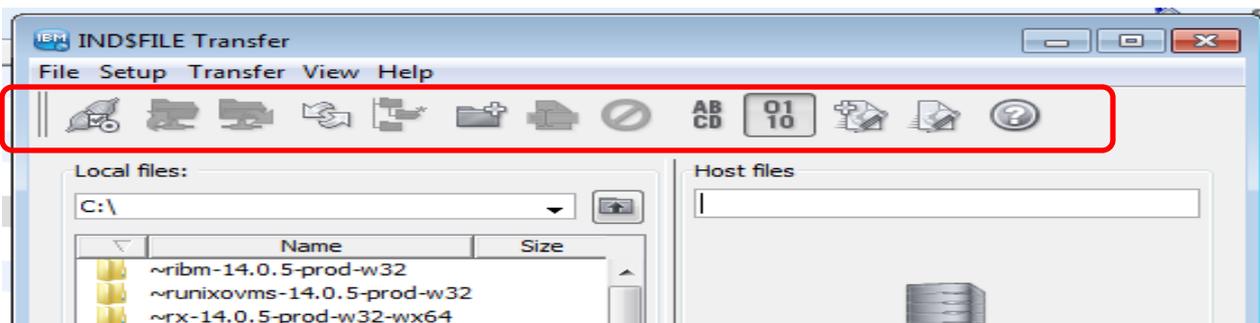
ASCII transfer method - Use for text files with no special formatting.



Configure transfer settings to set defaults and to control various aspects of IND\$FILE transfer.



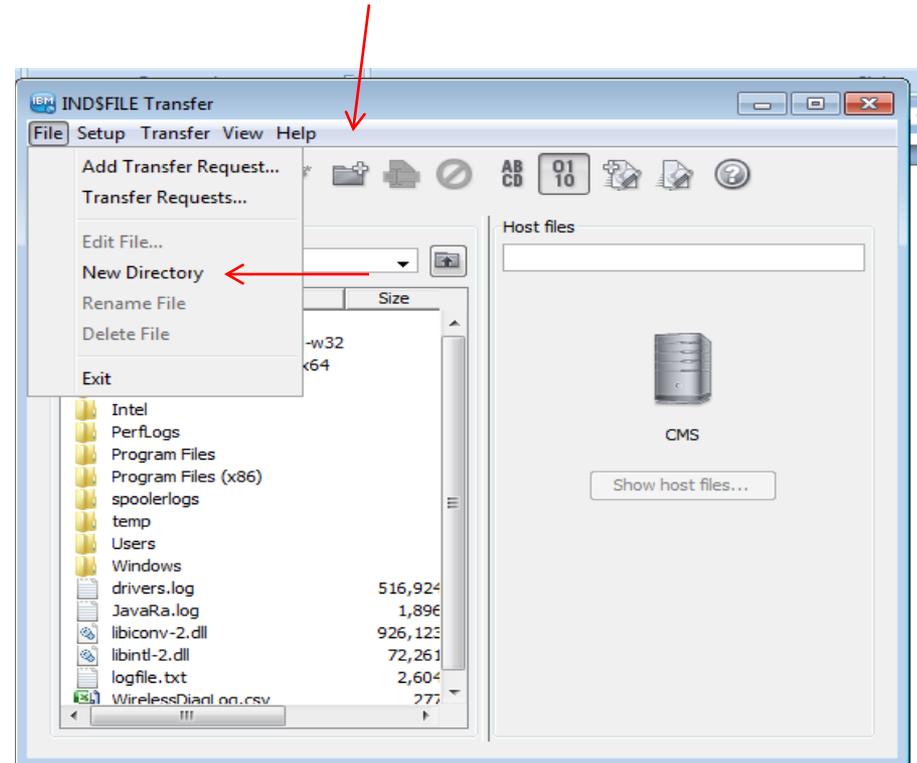
Specify TSO data level - If you are connected to a TSO host, click this button to type in the new dataset you want to view. Reflection for the Web updates the remote file list using the dataset level you specify.



IND\$FILE: File Menu

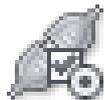
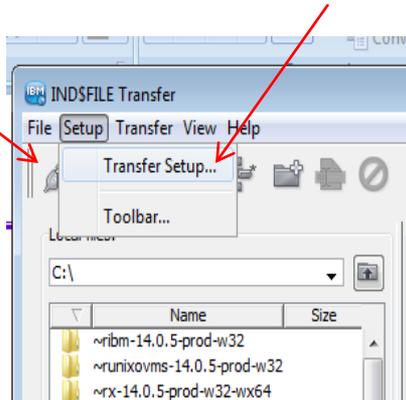
The RWeb11 IND\$FILE **File** Menu is consistent with the RWeb11 FTP File menu. Most of these selections simply provide users with additional ways to perform functions that can alternately be done with the icons. For Ex. both the icon and file menu options pointed to perform the New Directory function.

File, New Directory allows you to create a new folder or directory on the local computer or on the host. After clicking in the local or host files pane to make this option available, enter a directory name in the dialog box, and then click OK. **Rename File** or **Delete File** or **Edit File** can be only be used after selecting (highlighting) a local file.



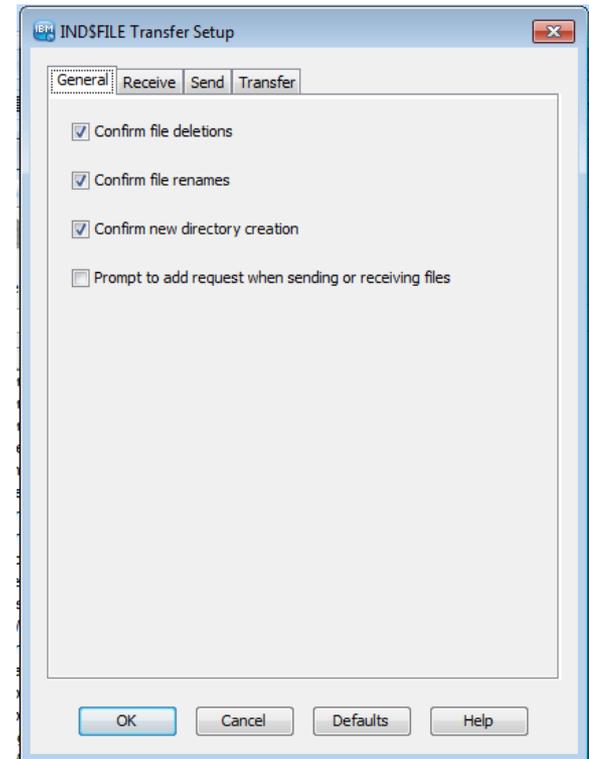
IND\$FILE: Setup Menu

To configure transfer settings to set defaults and to control various aspects of IND\$FILE transfer, select **Setup** and then **Transfer Setup** or click on the corresponding icon. Most of these setting choices were previously located in the center of the IND\$FILE Transfer screen. They are now located on this tab driven screen similar to RWeb11 FTP.



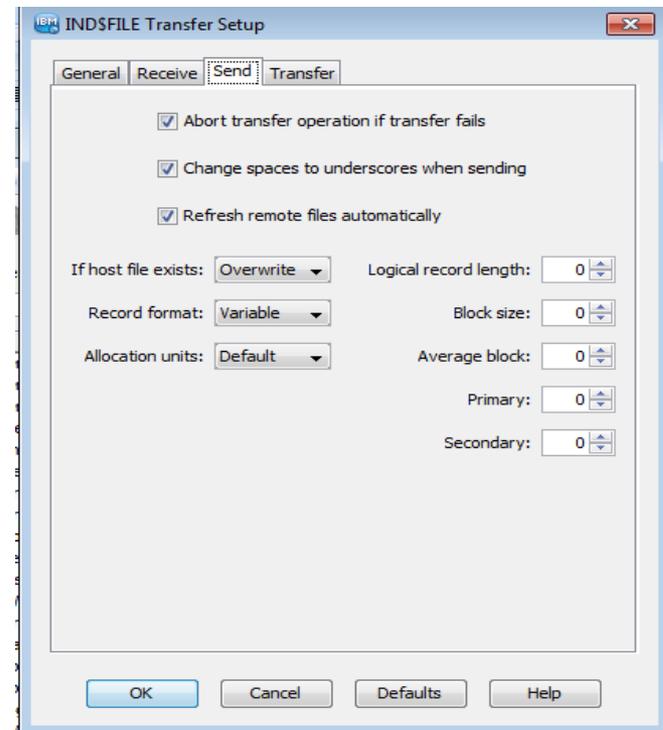
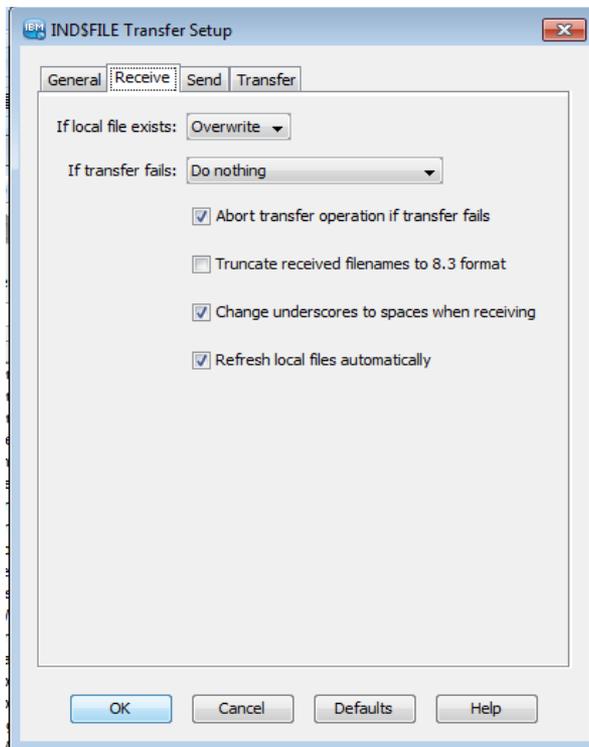
Hidden configure transfer settings icon

The **IND\$FILE Transfer Setup General** tab is to configure IND\$FILE confirmations and prompts for file transfer. For instance, check **Confirm file deletions** if you want to be prompted for confirmation before deleting a file or folder



IND\$FILE: Setup Menu

There are separate **IND\$FILE Transfer Setup** tabs to set specific settings when receiving or sending files, **Receive** and **Send**. Most of these setting choices were previously located in the center of the IND\$FILE Transfer screen. However, **If Transfer fails:** to specify how the transfer should operate if the transfer fails and **Abort transfer operation if transfer fails** checkboxes are new.



IND\$FILE: Setup Menu

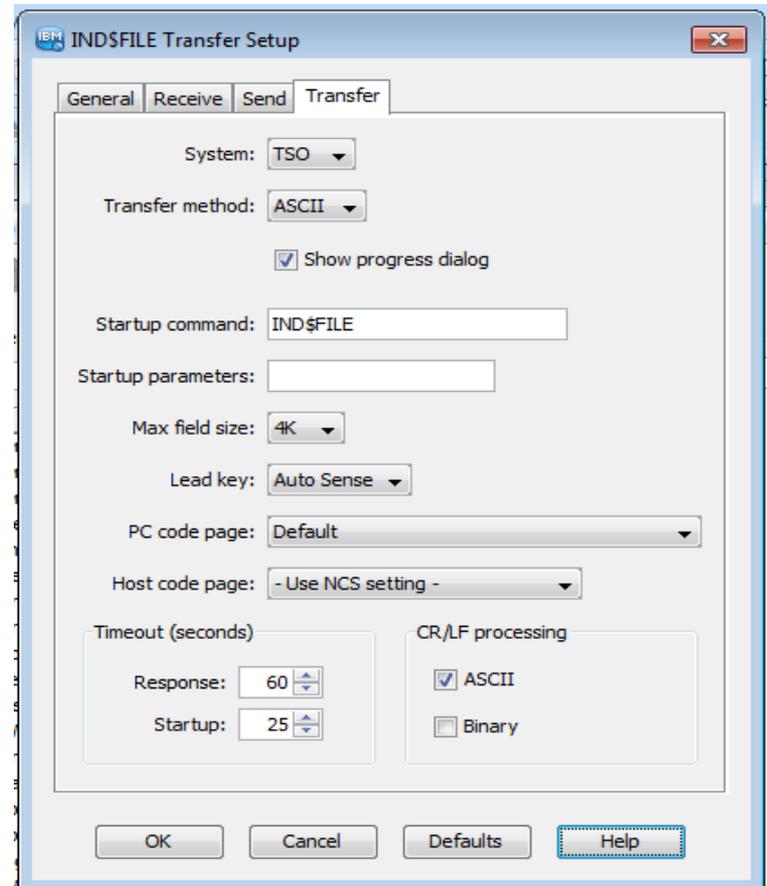
The **IND\$FILE Transfer Setup Transfer** tab contains the rest of the transfer settings that can be configured. Most of these setting choices were previously located in the center of the IND\$FILE Transfer screen.

Note: **System: TSO** and **Transfer method: ASCII** are usually selected.

New Fields:

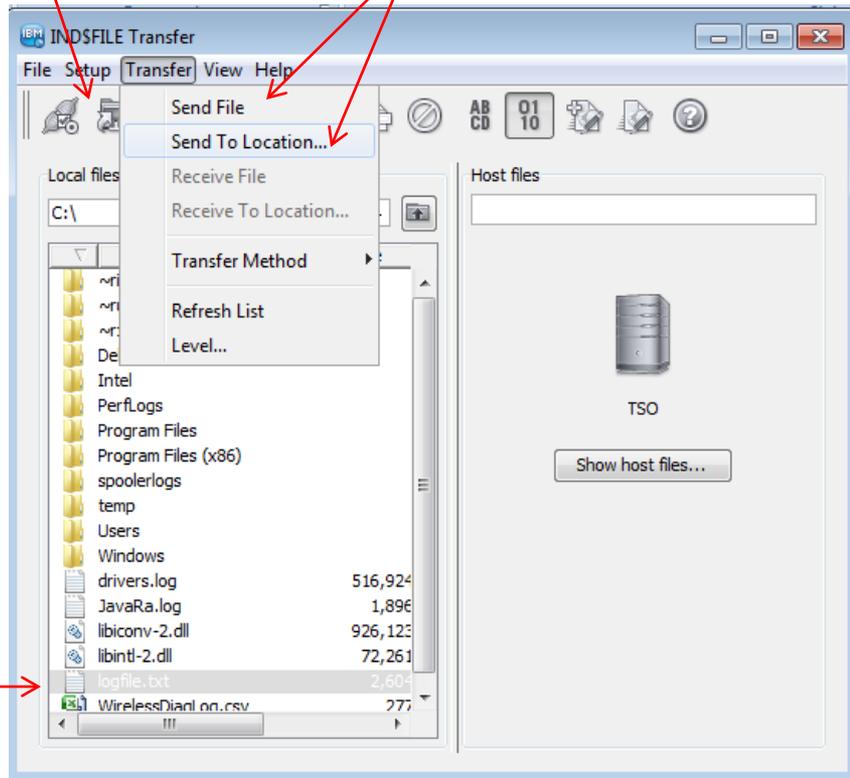
PC code page - The character set to use when reading or writing local files during a file transfer. The value "Default" uses the code page corresponding to your operating systems locale.

Host code page - The character set to use when translating EBCDIC characters while transferring files to or from the host. The default, Use NCS setting, uses the national character set specified in the Terminal Setup, Emulation tab.

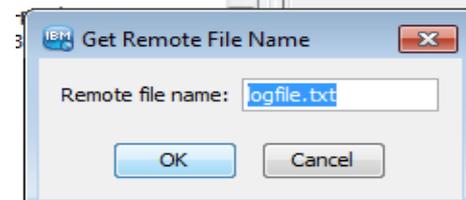


IND\$FILE: Transfer Menu

Again, the RWeb11 IND\$FILE **Transfer** Menu is consistent with the RWeb11 FTP Transfer menu. Most of these selections simply provide users with additional ways to perform functions that can alternately be done with the icons. (For example, instead of selecting **Send File**, the icon  could have been selected.)

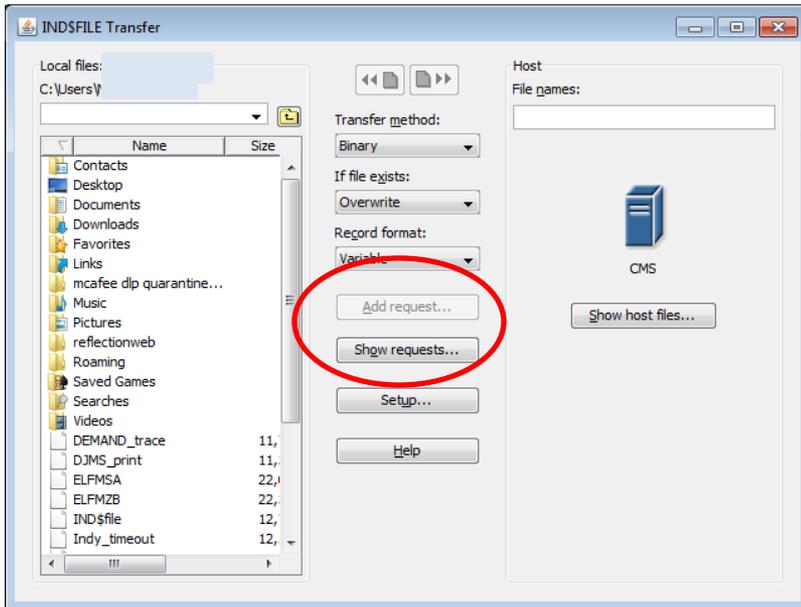


After selecting a file or set of files in the local files pane, select **Send File** to transfer the file(s) to host. To instead specify the host file name, select **Send to Location** and the prompt below will display allowing you to type in the new host file name. **Receive File** and **Receive To Location** behave similarly for files being received on the local machine.

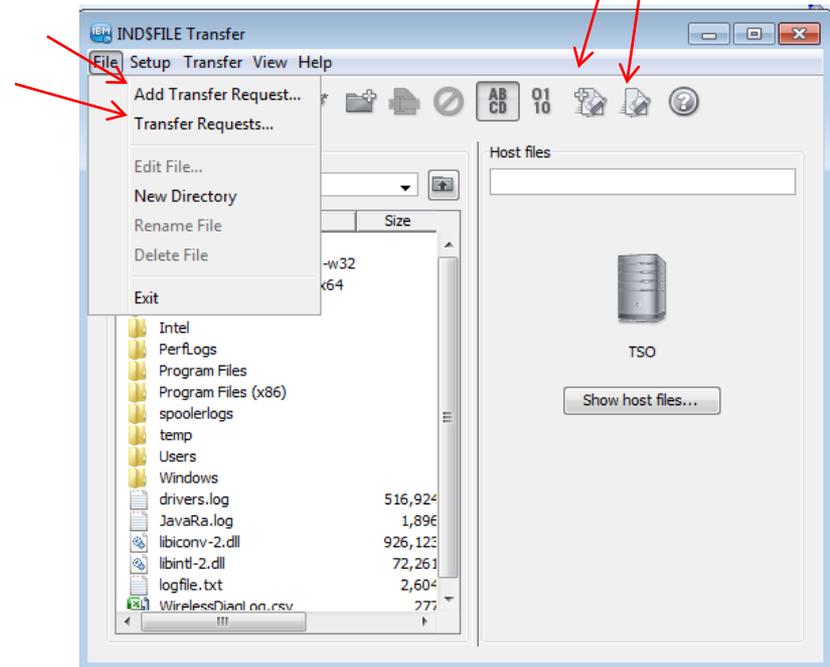


IND\$FILE: Transfer Requests

Transfer Requests for IND\$FILE are not new in RWeb11. The process has been modified to be consistent with RWeb11 FTP. Transfer requests were added and executed previously using the Add Requests and Show Requests buttons in the center of the screen. In RWeb11 Transfer requests are added by selecting **File**, then **Add Transfer Request** or clicking on the Add transfer request icon. Transfer requests are displayed to be executed by selecting **File**, then **Transfer Request** or clicking on the Show transfer request icon.



10.2



11.0

IND\$FILE: Transfer Requests

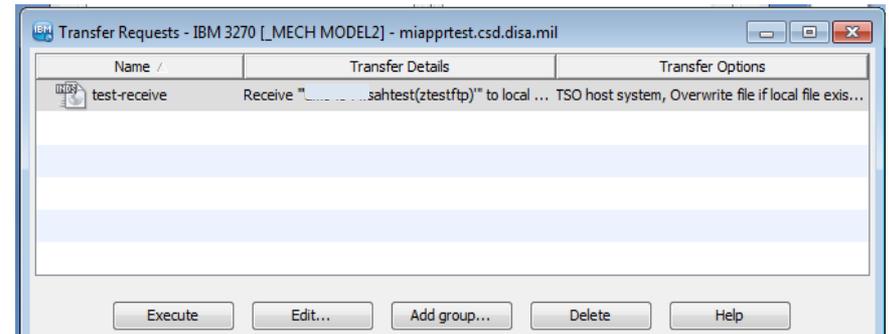
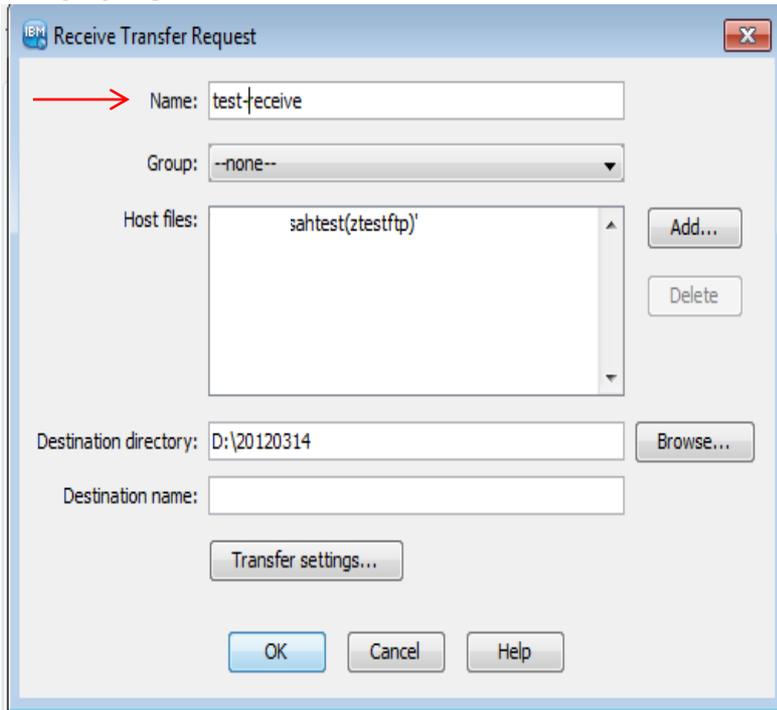
To add a transfer request, same as previously, navigate in the local directory and the host directory to the desired file locations. Select the file(s) to be transferred. Select **File**, then **Add Transfer Request**

A **Receive Transfer Request** screen (shown below) or a **Send Request** screen will popup depending on whether the file(s) you selected to transfer were in the Local files pane or the Host files pane.

Specify a **Name** for the file transfer request.

Review the **Transfer settings** for the transfer request, and make any necessary changes.

Click OK.

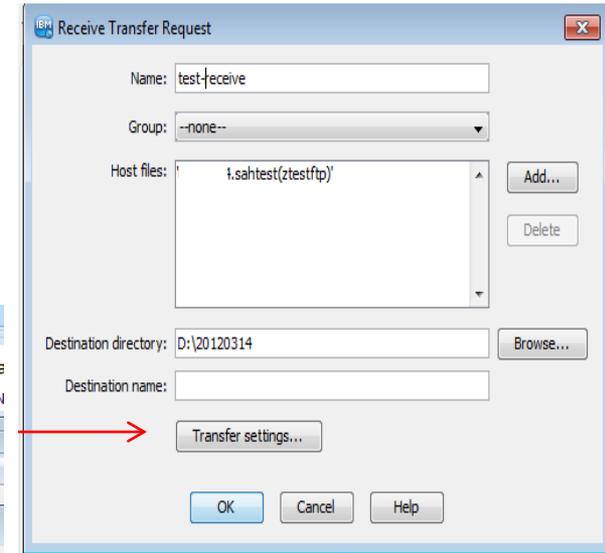
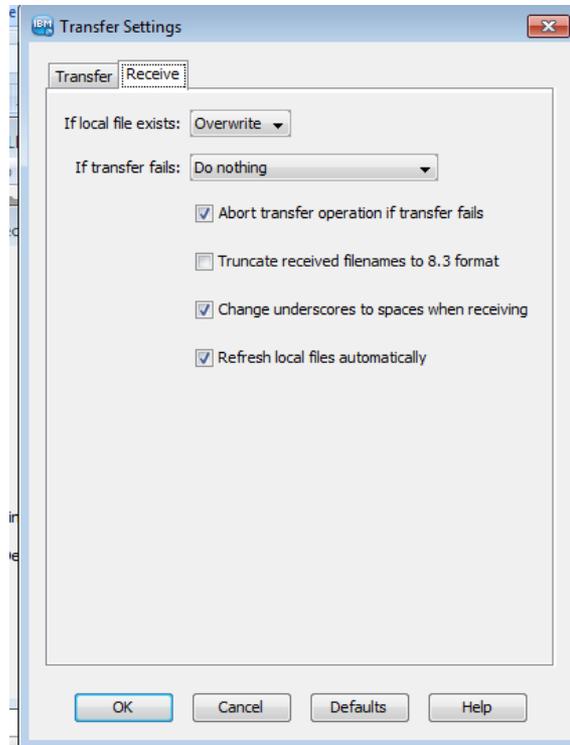
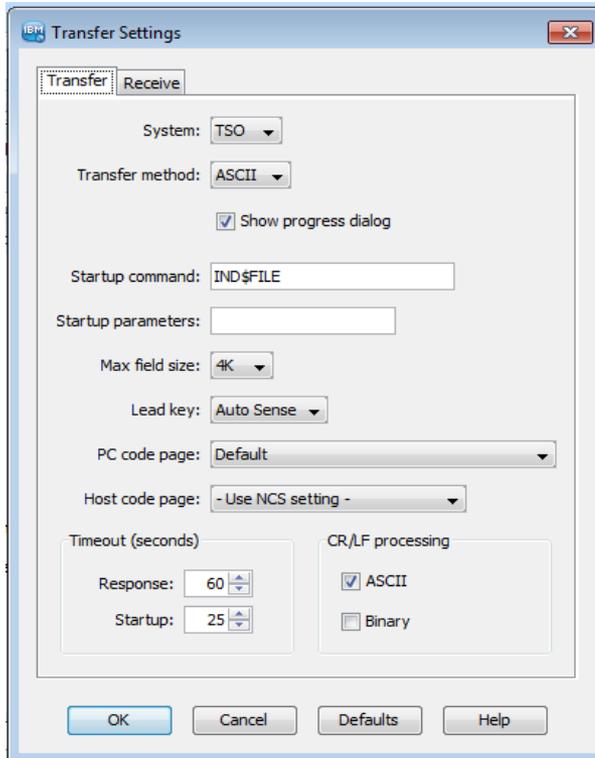


A transfer request with that name will be added and will automatically be displayed on the **Transfer Requests** screen.

IND\$FILE: Transfer Requests

When adding a file request in addition to the **Name**, additional Transfer settings can now be specified, similar to in RWeb11 FTP transfer requests.

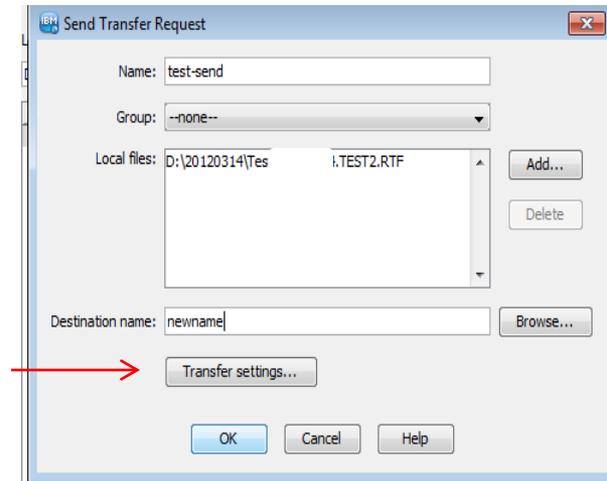
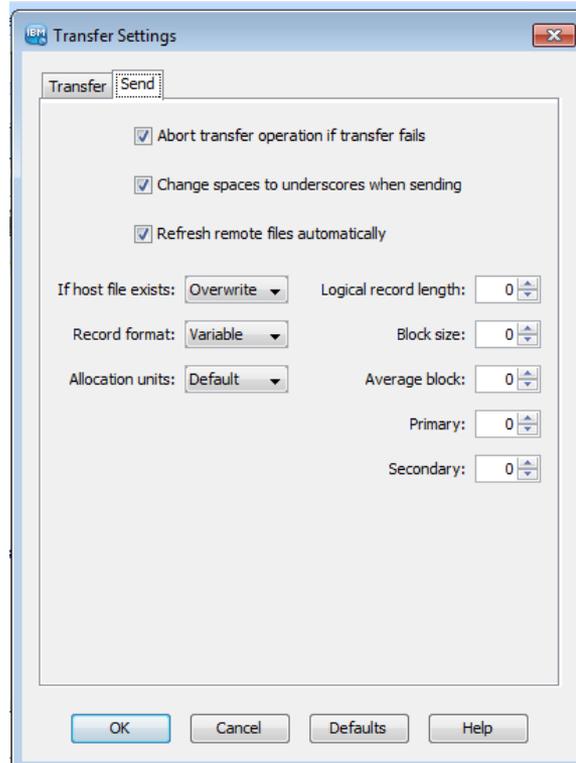
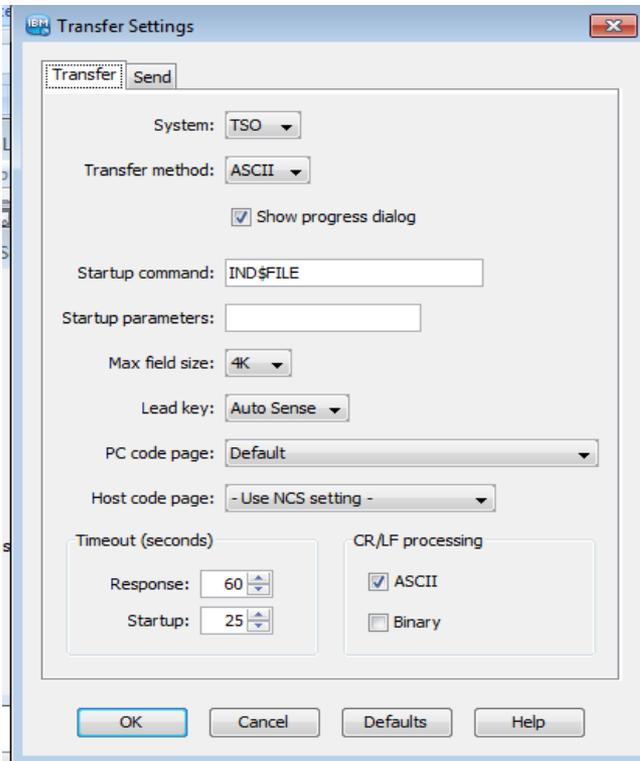
For transfers from the host to the local machine, on the **Receive Transfer Request** screen, click on **Transfer settings** button.



The **Transfer Settings** screen will pop up with **Transfer** and **Receive** tabs. These tabs contain the same settings that were described earlier for IND\$FILE transfers. They now can be specified when creating saved IND\$FILE Transfer Requests.

IND\$FILE: Transfer Requests

Similar settings can be specified when transferring from the local machine to the host, on the **Send Transfer Request** screen, click on **Transfer settings** button.

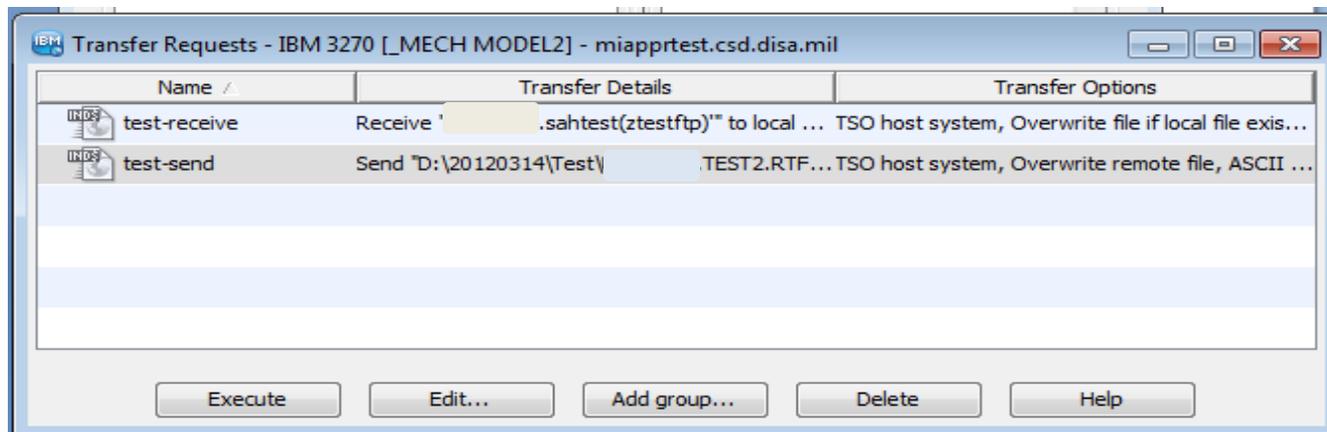


The **Transfer Settings** screen will popup with **Transfer** and **Send** tabs. These tabs contain the same settings that were described earlier for IND\$FILE transfers. They now can be specified when creating saved IND\$FILE Transfer Requests.

IND\$FILE: Transfer Requests

To execute a saved transfer request, select **File** then **Transfer Requests** or click on the show transfer requests icon for the **Transfer Requests** screen to display. The functionality of the screen is the same in RWeb11 as it was previously, but some of the buttons locations and headings have changed. After selecting a transfer request (highlighting it), you can click on the **Execute** button to perform the transfer or select the **Edit** or **Delete** buttons to edit or delete the transfer request. **Add group** button works as it did previously. (Add group is described in more detail on FTP Transfer Requests(4)).

11.0



10.2

