



Basic Configuration

To establish a basic terminal emulation session here are some tips on configuration.

Load the Terminal Emulator by selecting this option from the MultiView 2000 program group or menu. If you are prompted, select to use Default Settings rather than using the Terminal Session Wizard.

You need to tell the session where the remote system is that you want to connect to and how you are going to connect to it:

- Step 1: Select Connection Properties from the Toolbar and from the Connection tab enter the remote system details. This can be either a name or an IP address.
- Step 2: Select the connection type from the choices given.
Note: Please ensure that the selected connectivity type is tested and proven to work prior to configuring M2000.
Other details in this dialog box only need to be completed if you are going to use scripting (see below).
- Step 3: Now click on the Startup tab and set to Auto Connect.
- Step 4: Go back to the Toolbar and select Terminal Properties. Choose the terminal type you are emulating from those given.
Note: You might need to click on configure and set up specific requirements for the terminal type such as lines, columns, international character sets etc.
- Step 5: Click Save on the Toolbar and save as a .zst file. This can be saved wherever you want, however the default is 'My Documents'.

The above steps will establish a basic terminal emulation session.

However by taking this a stage further, you can shield your user from the complexities of UNIX with scripting. This automatically logs into UNIX and loads the application for the user. Follow the steps above but make the following enhancements:

- During Step 1: Make sure the user, username and password options are set correctly.
- During Step 3: Go into Application Properties. Select the Application tab and set up the remote command - for example /bin/email
This information can now be put into an automated script.
- Step 4: From the Remote menu select Learn Script.
Note: Once you have done this you are in scripting mode and anything you do is recorded and remembered.
- HOT TIP 1: If you make a mistake when recording the script, cancel it and re-record.



At this stage you will notice that the Toolbar has now been extended to include scripting buttons.

Step 5: Click on the Connect button on the Toolbar. Depending on the details you have entered at Step 1 you may now be prompted for the username and password details. Enter them accordingly. You will now see a UNIX prompt in the emulation window. Respond to the UNIX prompts by using the scripting buttons on the Toolbar. E.g. Click the Username button to respond to the login prompt. Once the application is loaded click the Stop Learning Script button on the Toolbar. You will now be prompted for the name of your script file. This is saved as a .zxs file.

Step 6: You now need to stipulate that you are using the script that you have just set up.

1. Go back to Connection properties
2. Choose Startup tab
3. Check the Auto Replay Script file
4. Browse and select the newly created script file
5. Click the Save button on the Toolbar and save as a .zxt file
6. Create a shortcut to the .zxt file on the Windows Desktop

You should now have an icon that when clicked will prompt the user for login and password details. When these have been entered, M2000 will handle the UNIX login procedure and run up the application without any further user intervention.

HOT TIP 2: During scripting you **MUST** use the Toolbar buttons. This means that the details will be saved as variables rather than actual values.

HOT TIP 3: Remember – you don't have to stop at this stage. Scripting can be used for much more than just running an application, such as for setting UNIX environment variables or to navigate through UNIX menus before the application is loaded.

Tips for Systems Administrators - Closure Options

Once the user has logged out of the UNIX application you can make the application window disappear or disconnect as follows:

1. From the Toolbar choose Application Properties
2. Select the Closure Options tab
3. Select Close Terminal Emulator on Disconnect

This will close the emulator as well as the UNIX application and connection. The user will then have to reconnect and the login script will be replayed before they can use the application again.

If you have problems with users not closing down applications properly M2000 has two ways to address this.

1. From the Toolbar again choose Application Properties
2. Select the Closure Options tab as before
3. Choose send closure sequence and type in the necessary sequence

Now if the user tries to logout incorrectly, for example by hitting the 'Windows' style close button or choosing the Exit option from the emulation file menu, M2000 will send the correct sequence ensuring that the application is closed down correctly.

If it is not possible to send a closure sequence then by choosing the same option but simply leaving the field blank you can still force the user to logout correctly. Now if users try to logout incorrectly, M2000 will do absolutely nothing because the option has been disabled. The user has to follow the correct procedures to logout.