

Quick Start

```
java -jar tn5250j.jar
```

On first invocation of the emulator there will be some warning messages that will be output to the console. These are to inform you that default files are being setup for you for first run.

You will be presented with a Connections screen for defining sessions. Select the configure button to define sessions when the session selection window is displayed.

or

```
java -jar tn5250j.jar host -p port
```

or

```
java -jar tn5250j.jar host
```

1 Command line options(If you do not want to use the configure button)

```
-p port ----> port to be used - default is port 23 if not specified
-f filename ----> configuration file. This is defined on the Session
Configuration screen under Options Tab -
Configuration
                File Name.

-t ----> use system name instead of system id Host IP Address/DNS Host
name.

-cp ----> Code Page
                Supported code pages
                -----
                37 - US default
                37PT - Portuguese
                273 - German
                280 - Italian
                284 - Spanish
                297 - French
                500-ch - Switzerland
                870-pl - Poland
```

```

Let me know of others that are needed.  The code pages can
be
    updated quickly.

-e ----> Enhanced 5250 option.  This gives graphical windows, edit
masked
    fields, continued edit fields, etc...
    ** Note ** not all enhanced options are implemented as yet.
    I have only implemented what our applications use here and
should
    be considered as improving (buggy :-)).  At our site we have
not
    had any problems with it yet (note the word yet please).
    Watch for further announcements and improvements.

-L ----> Specify the locale/language to be used for literals.  The
default
    is the locale of the system if it is supported.

    Available Languages
    Default -> Supported locale of the system or English
    Spanish -> -L es
    German -> -L de
    French -> -L fr
    Portuguese -> -L pt
    Catalan -> -L ca_ES
    Dutch -> -L nl
    Italian -> -L it
    Polish -> -L pl

-132 ----> Change to 27*132 column.

-s -----> Start up emulator using an existing configured session
and
    you can specify multiple of these as in -s xxxx -s yyyy
entries
    and at startup the emulator will start up session xxxx
    yyyy.  This does not use the sessions file but the
    that are defined inside for PRE-EXISTING session
    definitions.

    format of the session entries:
    -----

    systemName=route-to-host [options as described above]

    The parameter is used along the systemName entry that
    is passed on the command line.  Please see examples
    below.

=====
**** NOTE **** Session names are case sensitive!!!!!!
=====

```

Quick Start

```
-width --> Start up emulator using the width specified
-height -> Start up emulator using the height specified
-d -----> if no other instances are running and the -nc options is not
            specified then start up the bootstrap monitoring thread
-nc -----> no check for other tn5250j instances that are running
            A new frame will be created within another instance
            of JVM
-noembed-> Do not add a new session tab but open in new frame. Default
            is embed so add a new session tab in the visible frame.
-usp -----> Use Socks Proxy
-sph -----> Socks Proxy Host - please read step 10 below.
            I do believe that you can set the user name and password to
            be
            used by supplying the following on the the command line to
            start
            the emulator.
            -Djava.net.socks.username="username" <- replace user name
            with yours
            -Djava.net.socks.password="password" <- replace password
            with yours

            Example command line:
            =====
            java -Djava.net.socks.username="kjpl"
-Djava.net.socks.password="tn5250j"
            -jar tn5250j.jar

            I have not tried this so please let me know if it works.
-spp -----> Socks Proxy Port
-dn -----> This option takes a device name parameter to be used
            by the Host. The device name is 10 characters in
            length and following rfc2877 it the device name
            is already allocated then the device name will be
            sent again with a consecutive number appended. If
            the device name plus appended sequential number is
            longer than 10 characters then the device name is
            truncated until the device name and the appended
            sequential number fits within 10 characters.

            For example:
            -dn DEVICEUSER

            This will send the device name on allocation to the host
            as DEVICEUSER. If there is already a session allocated
            with device name DEVICEUSER then the emulator will send
            the device name with a 1 (number one) appended as
            DEVICEUSE1 if this is allocated then DEVICEUSE2 and so
```

```

on until the host says no more attempts are allowed or
the same device name is sent twice in succession as per
rfc2877.

This option will also change the session name to that
of the allocated device name.

-MDI ----> Use the MDI interface represented by JInternalFrames instead
of
            tabs.
            ----- N O T E -----
            New feature for now and is in testing. Please send
comments/
            feedback/bugs.

```

2 Example of command line options

```
java -jar tn5250j.jar -L es
```

This will change the default language of the system to use the language translations of what is specified.

```
java -jar tn5250j.jar hostAS400 -f hostAS400.prop
```

This will connect to hostAS400 and use the file hostAS400.prop as the property file. Any properties that are changed will be saved to this file under the current directory. It does not have to exist as it will be created. If there are any properties saved from a previous session then those will be read and used. It uses the code page 37 which is default.

```
java -jar tn5250j.jar parisAS400 -f parisAS400.prop -cp 297
```

This will connect to parisAS400 use the property file as described above and use the code page 297 for french.

```
java -jar tn5250j.jar spainAS400 -f spainAS400.prop -cp 284 -e
```

This will connect to spainAS400 use the property file as described above and use the code page 284 for spanish and will notify the as400 that it can send enhanced commands.

Note:

the -e can be used on all sessions.

3 Format of the session entries

```
systemName=route-to-host [options as described above]
```

Quick Start

4 Sample sessions file

```
luxembourg=lux -f luxgui.prop -e -gui  
lux-nogui=lux -f lux.prop -e  
houilles=houilles -f houilles.prop -cp 297 -e  
paris=paris -f paris.prop -cp 297 -e  
spain=spain -f spain.prop -cp 284 -e
```

Note:

Session names are case sensitive!!!!!!

5 Example of command line option -s

Command line usage follows:

```
java -jar tn5250j.jar -s luxembourg
```

This will search the session file for the entry luxembourg and if found use the the entry parameters that are defined for that session.

So using the Sample sessions file described above the program would read the -s option and obtain luxembourg. It would then search the sessions file for this entry and if found execute the options that where there:

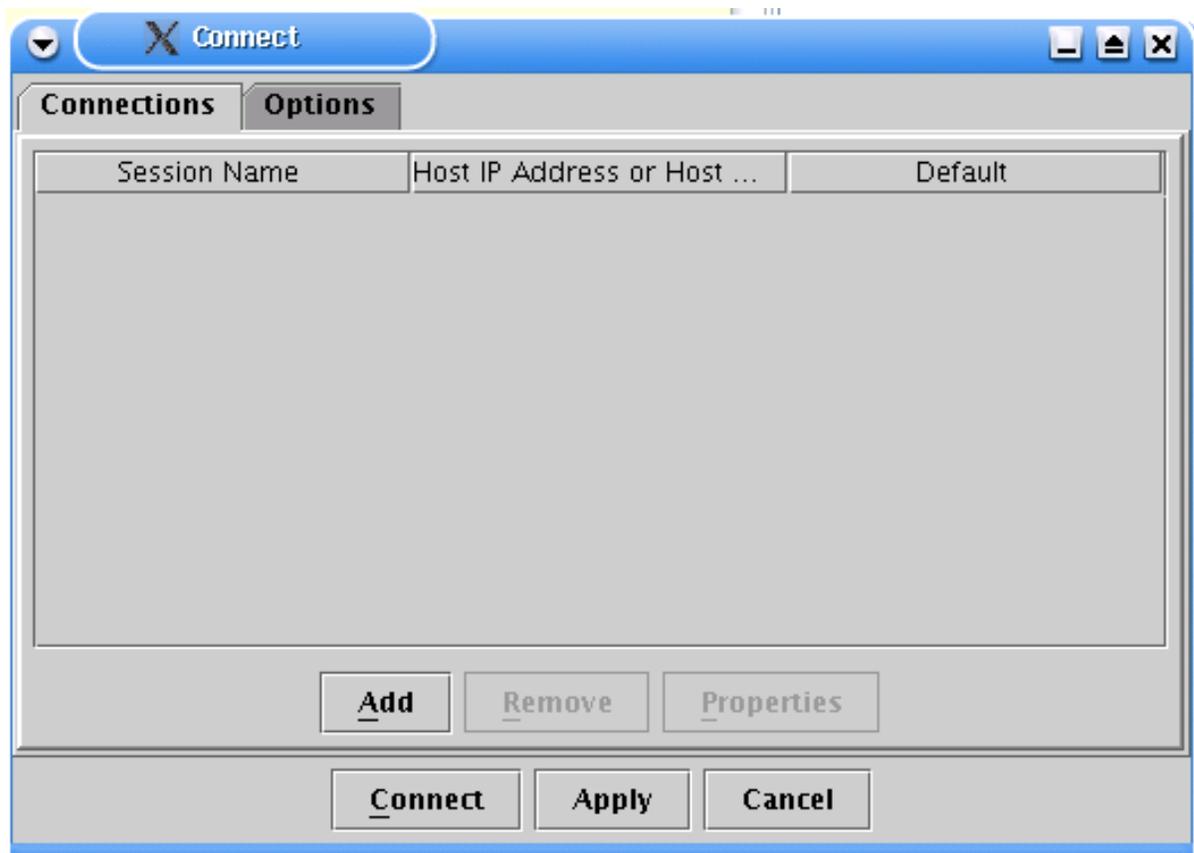
system/ip addrss = lux configuration file = luxgui.prop -e = use enhanced mode -gui = start in gui mode

If an entry is not found for the -s option then the Connection dialog is displayed for you to enter a new connection or select a pre existing one from the list.

6 Configure a 5250 Display Session

Step 1 - Start the emulator as described above

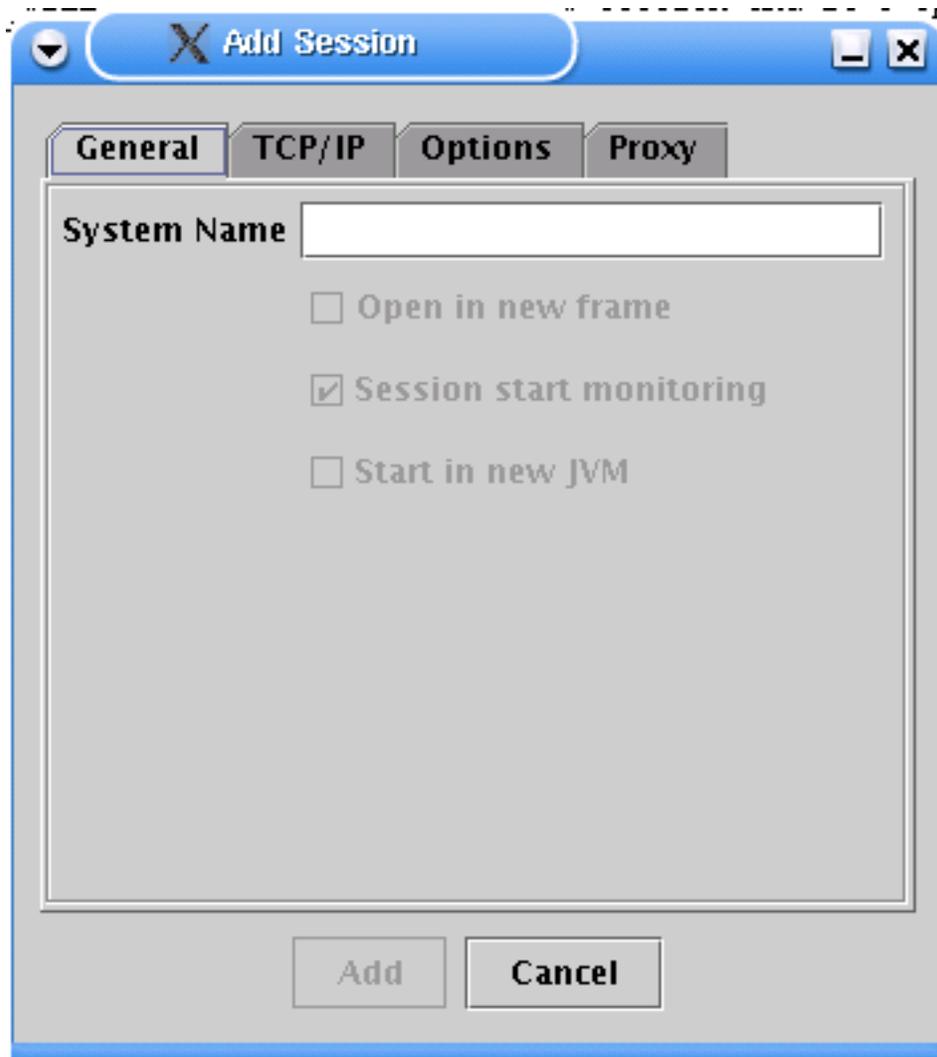
You will then be presented with the following screen



Step 2 - Click the Add button

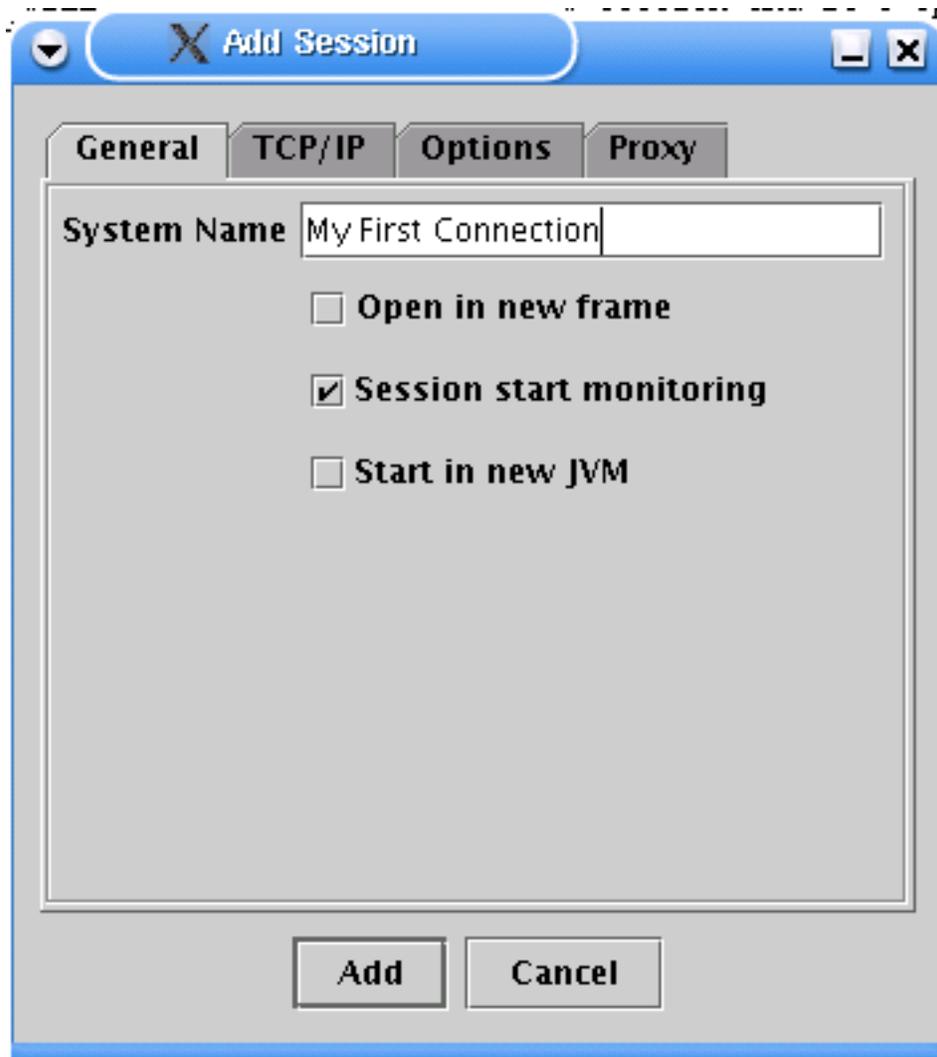
This will allow you to define a new session and it's options to be used within the emulator.

Quick Start



Step 3 - Specify a name for the session

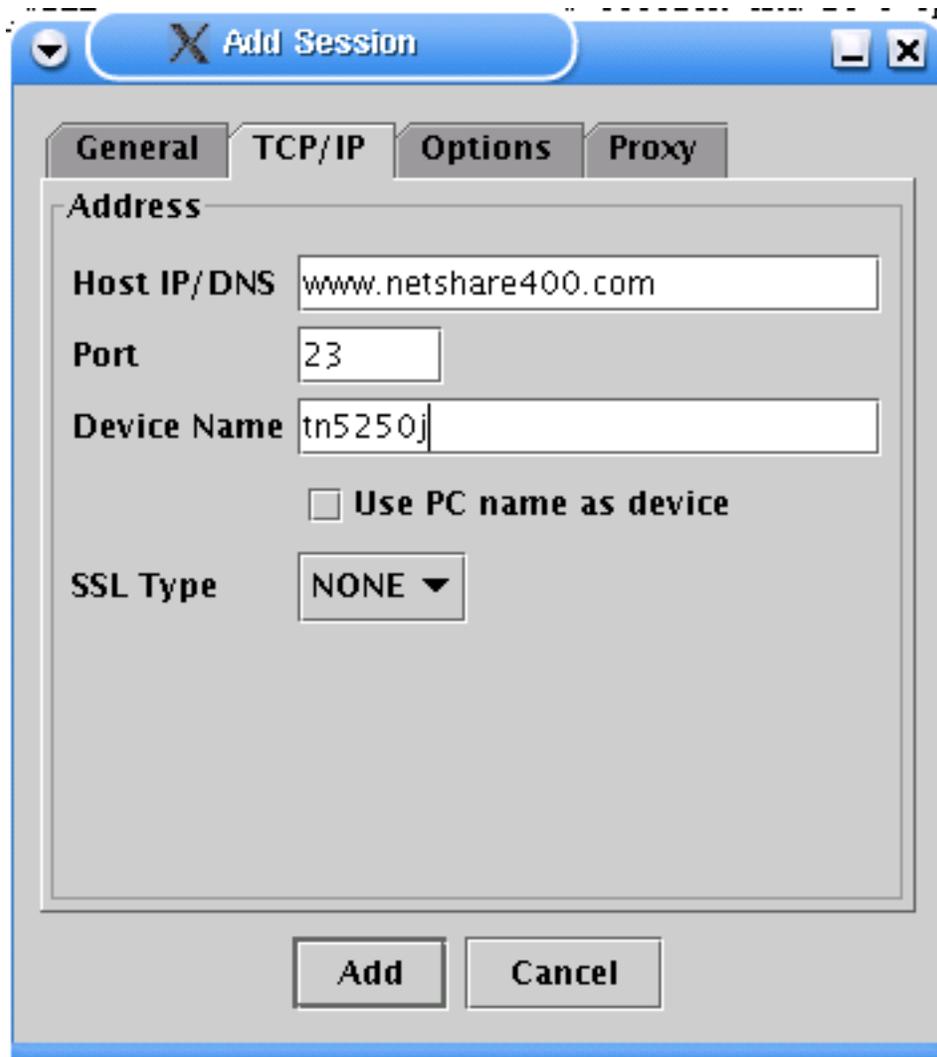
The name supplied here identifies the session.



Step 4 - Specify the IP Address

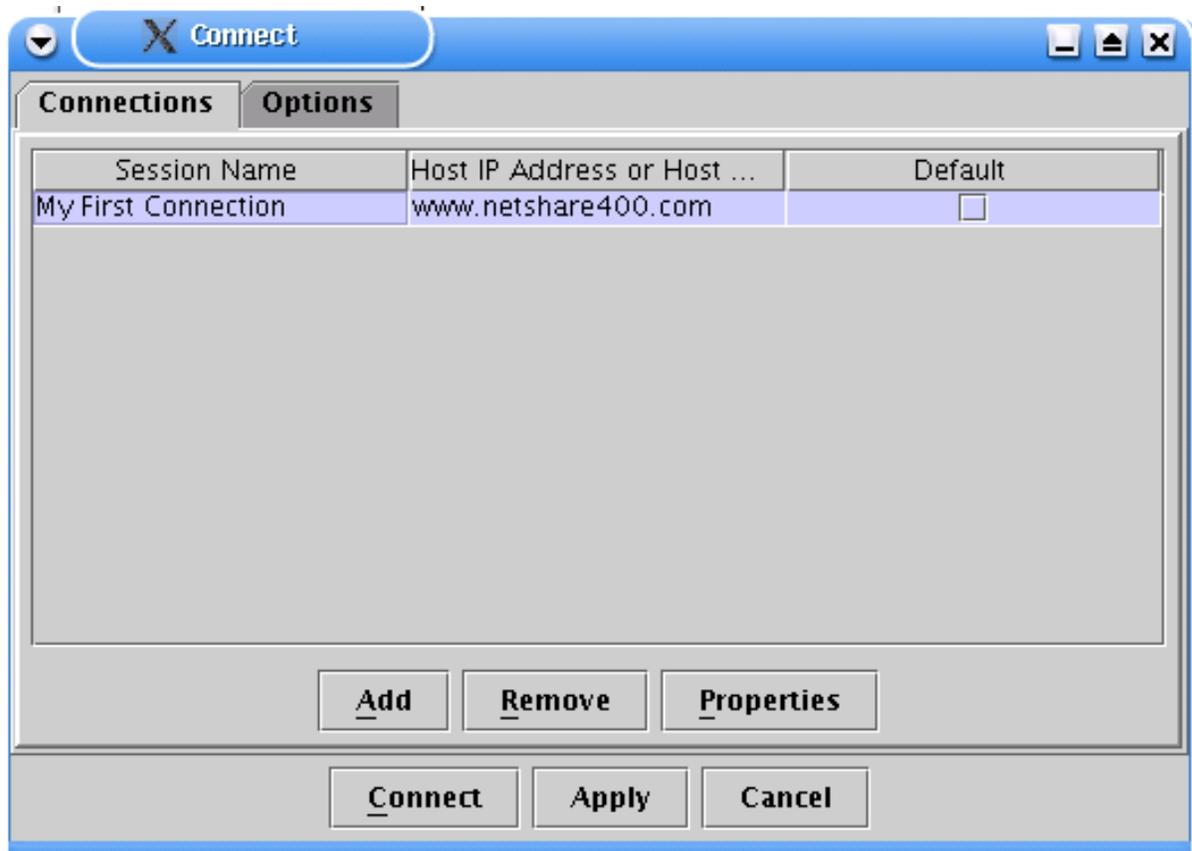
1. Click the TCP/IP Tab to supply the host address of your AS400
2. Modify the port number if needed. The normal default is port 23.
3. Specify a device name to connect with if desired. This is not required
4. Click Add at the bottom of the dialog box. This will return you to the Connect dialog..

Quick Start



Step 5 - Select Connect

From the Connect dialog select your new session with the mouse so that it is highlighted and then click Connect or Alt-C.



You should now be presented with a sign on screen

Quick Start

