

# **Fitrix Windows Thin Client Install Point - Installation 5.40**

# **Fitrix Windows Thin Client Install Point - Installation**

## **Introduction**

Before a Fitrix Windows Client can be installed, the Fitrix Windows Client Install Point must first be installed and configured for your requirements. Typically the install point is installed on a Windows server accessible by all clients. If only one Fitrix client is to be installed, it is also possible to install the install point on that client.

## Design architecture

### Install Point Machine (probably a Windows Server)


In this example the directory where the install point is kept will be:

<\\10.0.0.99\share\Install\Fitrix Install Point 5.4.02>

Browsing to this directory through Windows Explorer might be done like this:

My Computer → My Network Places → share on 10.0.0.99 → Install → Fitrix Install Point 5.40.02

This path was selected during Install Point Installation:  install.exe .

Login Templates are established using:  putty.exe .

**Each PC workstation will be installed from this Install Point.**

### PC Workstation

In this example the directory where the client product is installed is:

[C:\Program Files\FourJs\gdc\fitrix\fgss\\_bin](C:\Program Files\FourJs\gdc\fitrix\fgss_bin)

Browse to the Install Point and install/create:

1) FourJs Genero Desktop Client (GDC).

 fjs-gdc-2.22.03-build2744-w32vc90.exe

2) Visual Menus

 vminstall.exe

3) Logins shortcuts from the Login Templates:

Click:  Start → All Programs →  Fitrix Accounting 5.4 →  Fitrix Administration →  Login Configuration

When setting up Logins, the PC workstation must be able to access the Login Templates kept in the Install Point. This reference is kept in file:

[C:\Program Files\FourJs\gdc\fitrix\fgss\\_bin\puttyupdate.ini](C:\Program Files\FourJs\gdc\fitrix\fgss_bin\puttyupdate.ini):

```
[installpoint]
\\10.0.0.99\share\Install\Fitrix Install Point 5.40.02
```

**Thus each PC workstation will know where it was installed from (it's Install Point).**

**\*\*\* Note: Do not use mapped drives. Use 'UNC' style paths. \*\*\***

For the purpose of this documentation, version '2.02.04' is used. Your version may be different. Make the appropriate substitutions. Name of installation: **fitrix**.

### 1. Install the 'Install Point'.

#### To install from CD-ROM:

Mount the CD containing the Fitrix Windows Thin Client Install Point:

- For Fitrix Complete Series, this is: “Fitrix Complete – CD 1”
- For Fitrix Components Series, this is the CD containing “Fitrix Visual Development Tools (VDT)”


Navigate to your CD-ROM drive (probably D:) to the sub-directory 'workstation'.

#### To install from FTP:

Download the file 'workstation.zip' to the install-point server and unpack into a directory, i.e.:

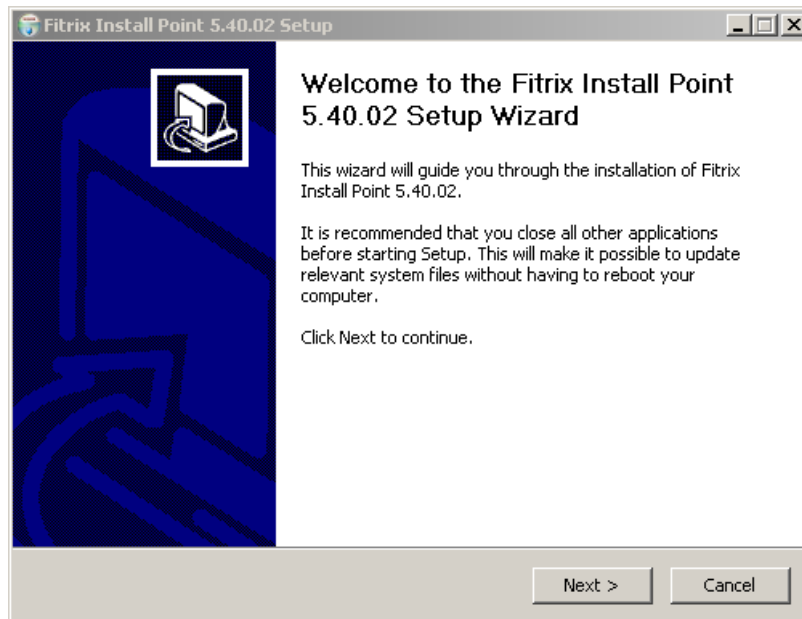
S:\fitrixmedia

Navigate to the sub-directory 'workstation'

Open (double-click):  install.exe



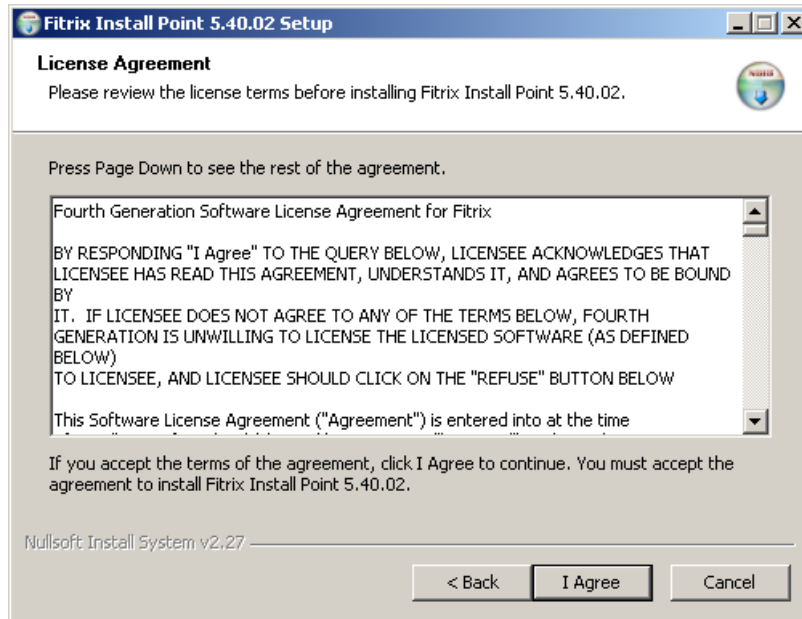
You will see:



Click:

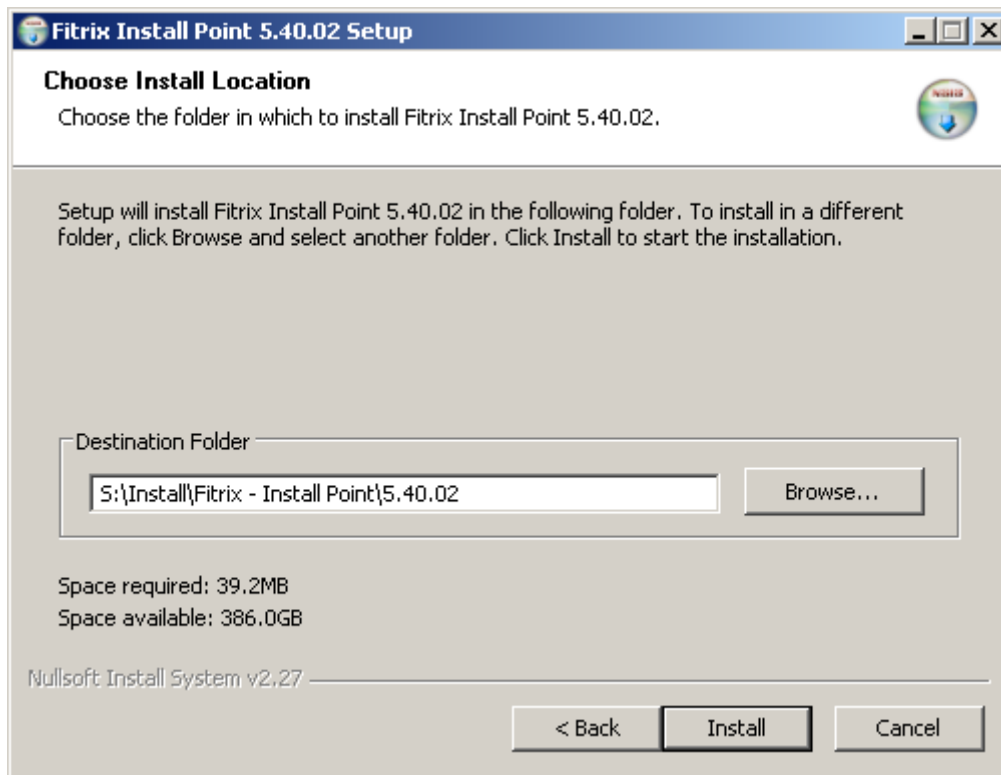


You will see:



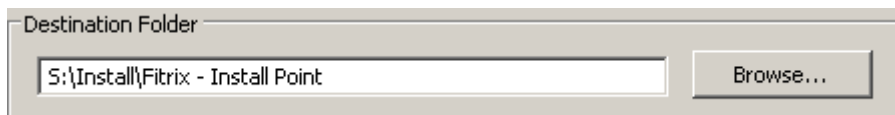
Click:

You will see:

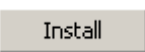


Change Destination Folder as appropriate:

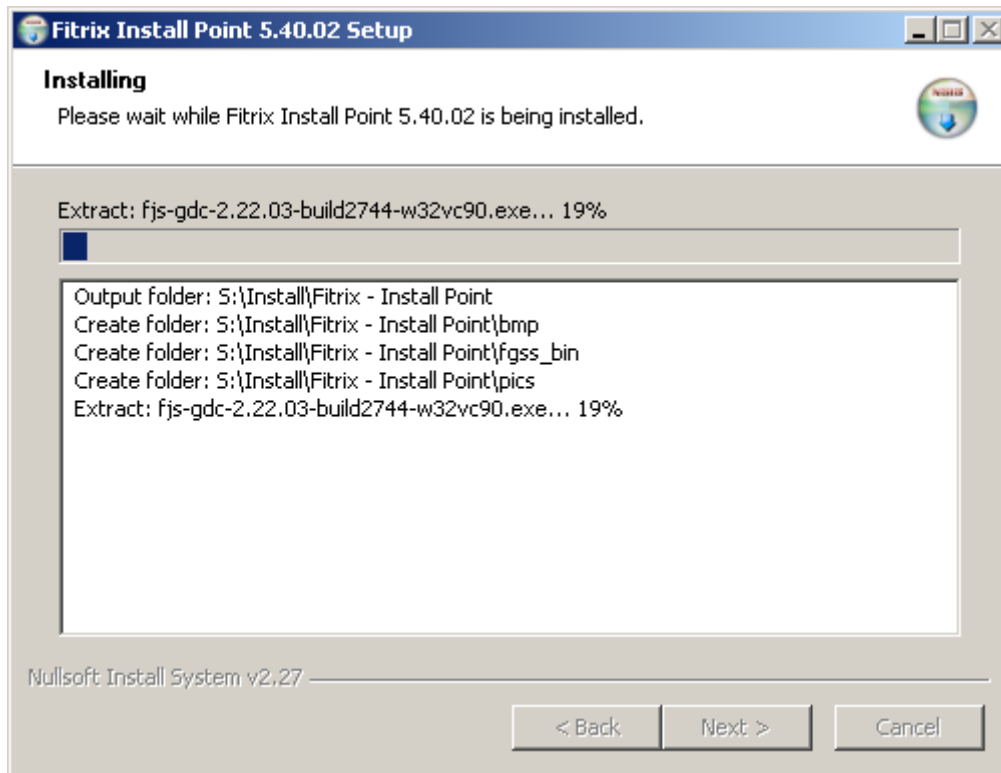
The recommended installation is to install the Fitrix install point on a shared file server so that it can be accessed to install each client. If Fitrix is only being installed on a single client, it is ok to install the Fitrix on that clients 'C' (or other) drive.

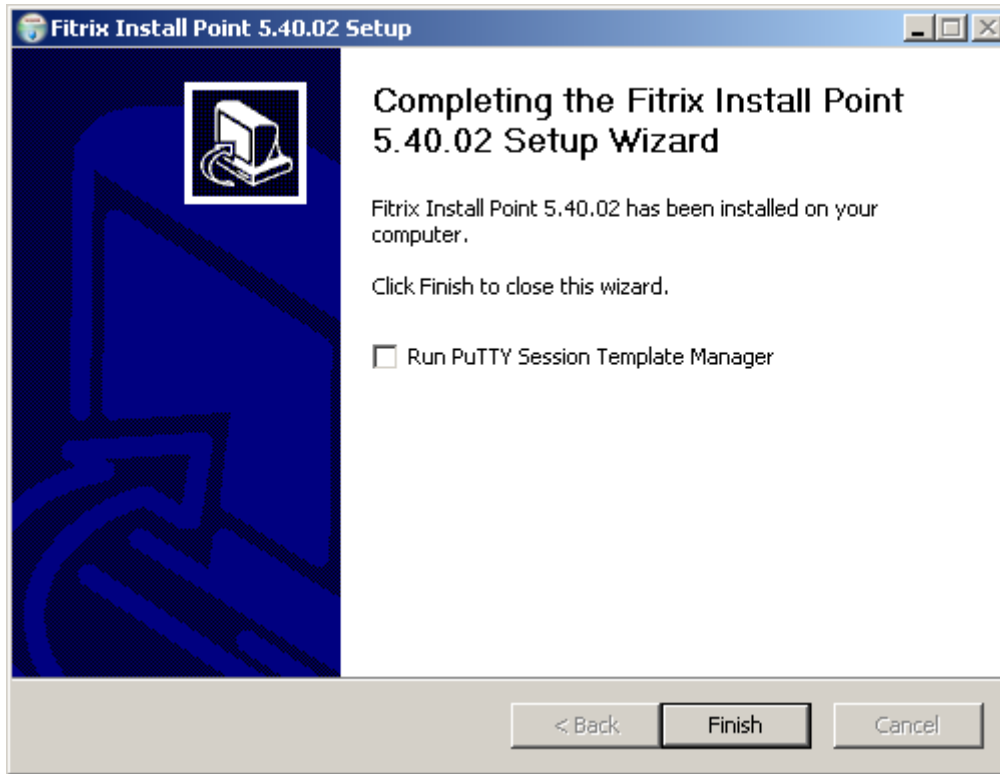


Click:



You will see:





Uncheck:  Run PuTTY Session Template Manager

Click: 

You have created a directory: S:\Install\Fitrix Install Point



## 2. Establish PuTTY Session Templates.

**NOTE: Configuring session templates is not required if this is a standard Fitrix Complete installation, however you must follow the instructions below to ‘set all session’.**

The Fitrix install point will include a login session template for each unique type of Fitrix login (i.e End User login, Developer login, Training login). Once these are established in the Install Point, they can then be selected during the client installation process.

The Fitrix CD ships with a complete set of login session templates ready to be used with a “Fitrix Complete or Quickstart” installation. All you will need to do is “Set all session”.

You can also use the template manager to edit templates and create new templates if required.

Launch the template manager:

Click:  Start → All Programs ▶ →  Fitrix Install Point 5.40.02 →  PuTTY Sessions

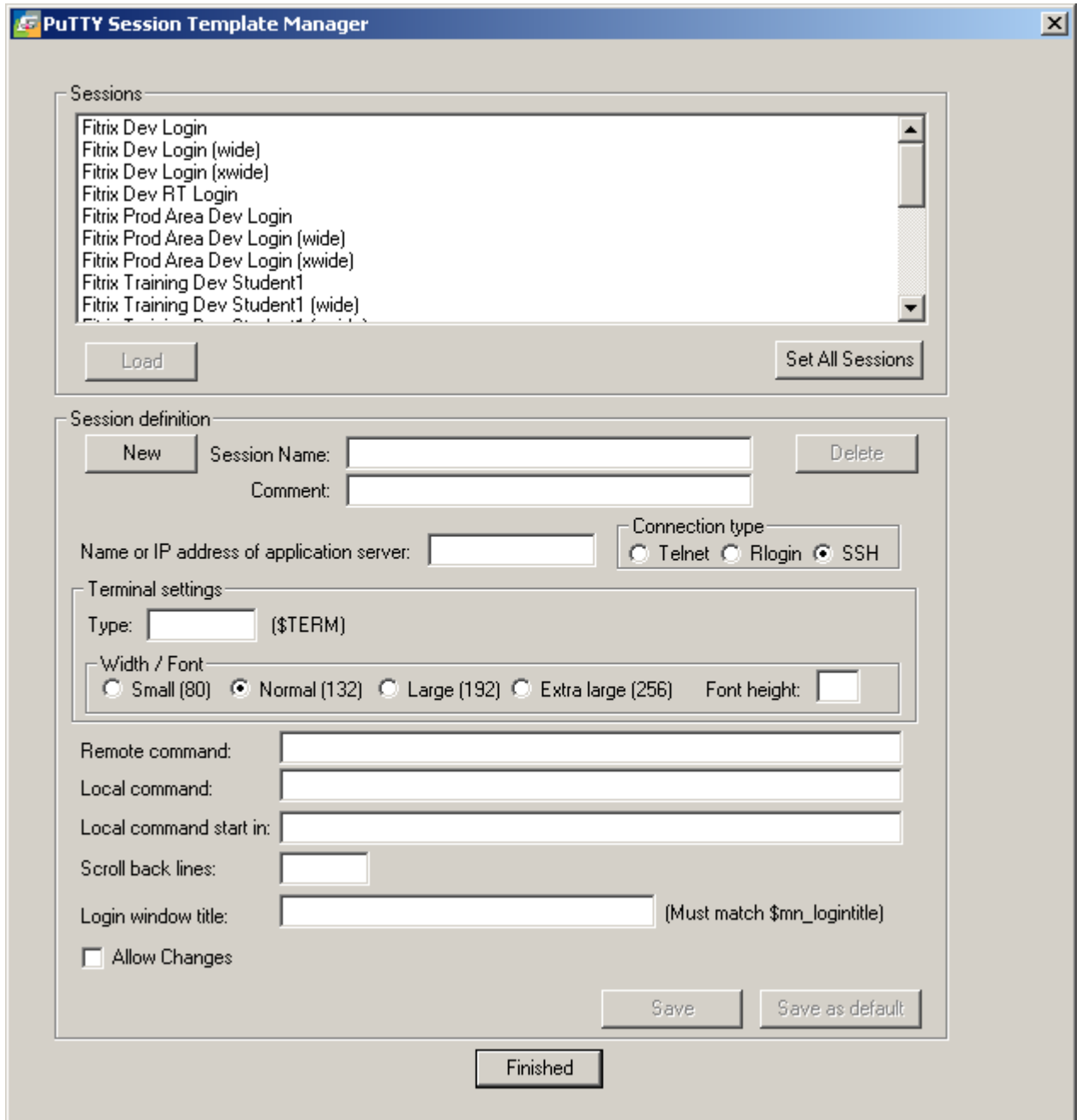
or

**Browse to the Install Point and launch:**

<\\10.0.0.99\share\Install\Fitrix Install Point> (for example)

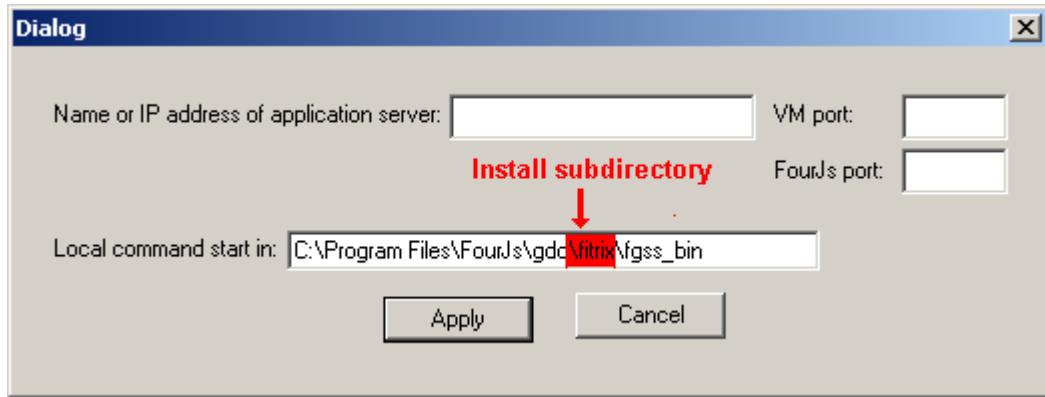
and execute:  putty.exe

You will see:



Next, Click:  to globally set the IP address, VM port and 'Local command start in'.

You will see:



Complete the fields using the values displayed at the end of your Fitrix Server installation

At the end of the Fitrix Server Installation, you were instructed as follows:

-----  
Various information will be needed later during client install.

FJS\_PORT=9999

Application server: "XXXXXX" (99.99.99.99)

Visual Menus port: 99999  
-----


where the actual values were appropriate to your installation.

If you did not record these values, you can find them again by logging on to your Fitrix Server and accessing the file: /fitrix/logs/info.log


(login with the 'root' user name and password, then, at the '#' prompt, key in:

cat /fitrix/logs/info.log

)

once the values are keyed, click: 

This will set your unique values for every session that exists in the template manager. Your login templates are now ready to use.

Click: 

You may skip the remaining instructions in this document unless you need custom templates.

**The standard Fitrix Windows Thin Client Install Point installation is now complete. Templates have been installed for all standard login scenarios. The remaining steps in this document are optional steps for custom installation requirements.**


**Please locate the “Fitrix Windows Thin Client – Installation” instructions to use the install point you have just installed to install the Fitrix Windows Client on each Windows PC that you will access Fitrix from.**


## **OPTIONAL STEPS**

### **Creating a new custom template:**

The login scripts have been made as modular as possible with the intention that you will not need to change these scripts. The best way to create custom login sessions is to first use the standard process to set the ip and port numbers on the supplied sessions, and then create variations on these. Note that in the remote command (i.e. `FJS_PORT=6402 /fitrix/bin/fg_540_????_vm.sh` standard), the script can either be set to call the development environment (i.e. `FJS_PORT=6402 /fitrix/bin/fg_540_dev_vm.sh` standard), or the runtime environment (i.e. `FJS_PORT=6402 /fitrix/bin/fg_540_prod_vm.sh` standard).

The development environment will use the Four J's Genero development license, and will include access to the development tools, while the runtime environment will use the Four J's runtime license, and will not include access to the development tools.

Click:  and you will see a default template:

(Stored under the directory: 'S:\Install\Fitrix Install Point' in file:  putty ses.ini.)

Default template:

The screenshot shows a 'Session definition' dialog box with the following fields and controls:

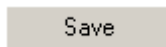
- New** button (left), **Delete** button (right)
- Session Name:** [Empty text box]
- Comment:** [Default]
- Name or IP address of application server:** [10.0.0.96]
- Connection type:** Radio buttons for  Telnet,  Rlogin, and  SSH
- Terminal settings:**
  - Type:** [xterm-132] (\$TERM)
  - Width / Font:** Radio buttons for  Small (80),  Normal (132),  Large (192), and  Extra large (256). **Font height:** [9]
- Remote command:** [FJS\_PORT=6402 /fitrix/bin/fg\_540\_dev\_vm.sh]
- Local command:** [mntk.exe 10.0.0.96 20020]
- Local command start in:** [C:\Program Files\FourJs\gdc\fitrix\fgss\_bin]
- Scroll back lines:** [5000]
- Login window title:** [Login] (Must match \$mn\_logintitle)
- Allow Changes
- Save** button (left), **Save as default** button (right)

Fill in the fields as appropriate:

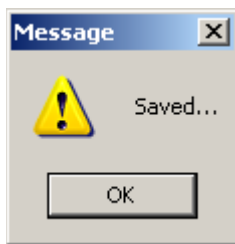
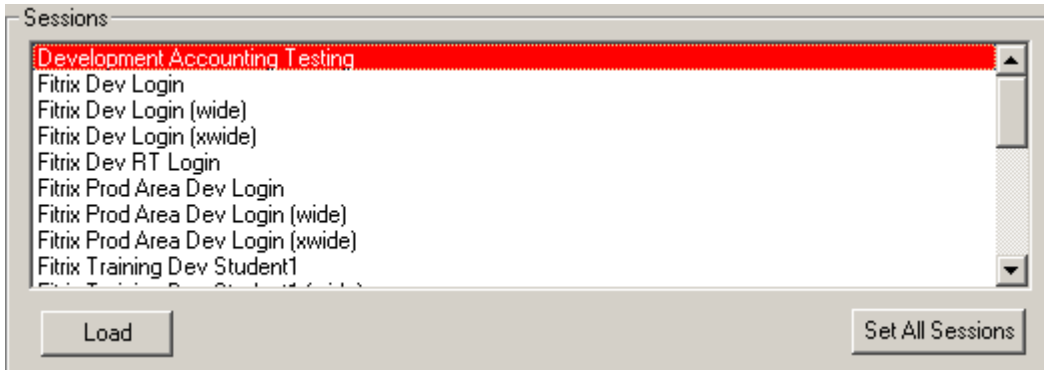
The screenshot shows the same 'Session definition' dialog box, but with the following fields filled out:


- New** button (left), **Delete** button (right)
- Session Name:** [Development Accounting Testing]
- Comment:** [Test Accounting]
- Name or IP address of application server:** [10.0.0.96]
- Connection type:** Radio buttons for  Telnet,  Rlogin, and  SSH
- Terminal settings:**
  - Type:** [xterm-132] (\$TERM)
  - Width / Font:** Radio buttons for  Small (80),  Normal (132),  Large (192), and  Extra large (256). **Font height:** [9]
- Remote command:** [FJS\_PORT=6402 /fitrix/bin/fg\_540\_dev\_vm.sh]
- Local command:** [mntk.exe 10.0.0.96 20020]
- Local command start in:** [C:\Program Files\FourJs\gdc\fitrix\fgss\_bin]
- Scroll back lines:** [5000]
- Login window title:** [Login] (Must match \$mn\_logintitle)
- Allow Changes
- Save** button (left), **Save as default** button (right)

and click



You will see the new session:



Click: 


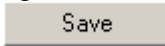
## Editing an existing template:

### Launch the template manager:

### Browse to the Install Point and launch:

<\\10.0.0.99\share\Install\Fitrix Install Point 5.40.02> (for example)

and execute:  putty.exe

You may modify an existing session by either double-clicking one or single-clicking one and clicking: . You will then make changes and click: .

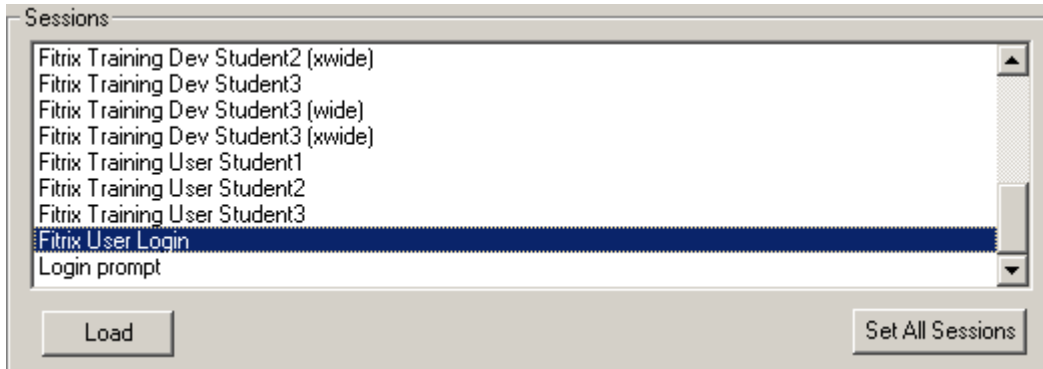
Create as many session templates as you like.

Click:  when finished.



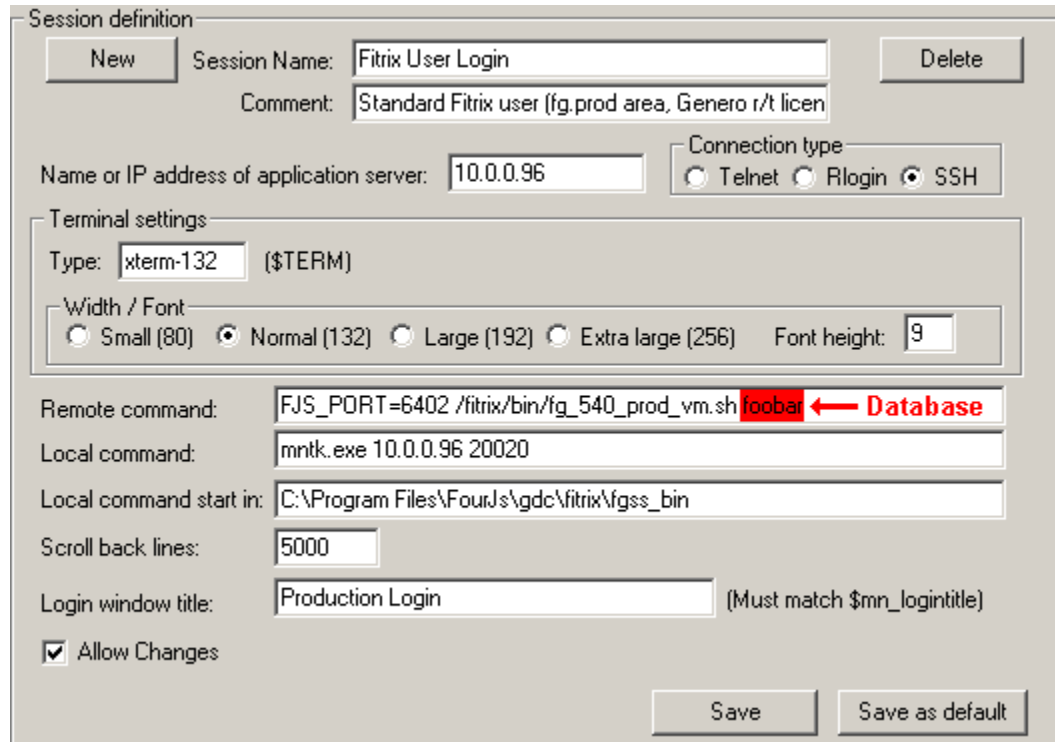
## Changing the database access:

Load a template:



Highlight the template and either double-click or click:

Load

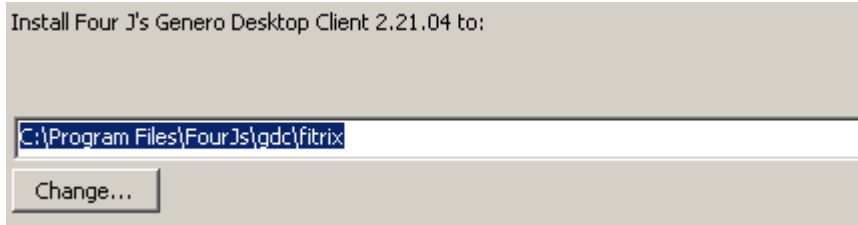


Change the database name (and the Session name if you want to clone a new template) and click:

Save

## Overriding the default ‘Installation subdirectory’:

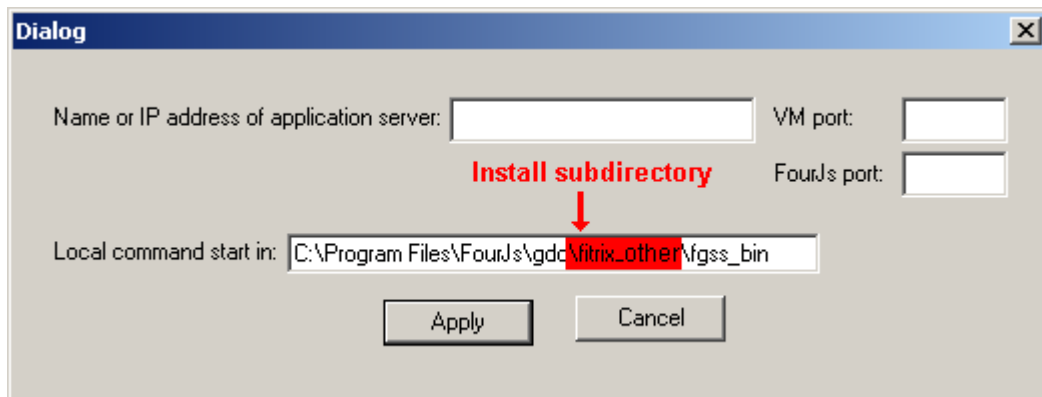
The term “**Install subdirectory**” is used during FourJs Genero Desktop Client (GDC) installation to allow multiple installations.



The installation subdirectory and some shortcuts are named by appending the “**Install subdirectory**” to the directory or shortcut. If you wish to override the default “**Install subdirectory**” referred to in this and the document: “Fitrix Windows Thin Client - Installation.pdf”, you must override the install directory here:

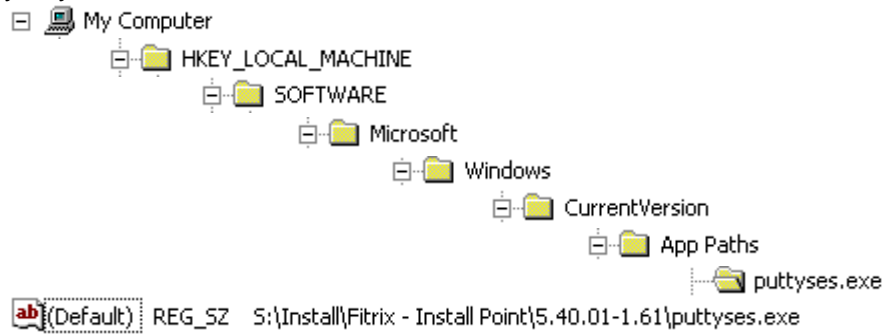
Click:  to globally set the IP address, VM port and ‘Local command start in’.

You will see:



## Appendix:

Registry key:



HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\App Paths\putty.exe