



Ten Foot Products

Tailoring and Regionalisation Guide



**Constructive
IT Advice**

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1 Overview

We provide two methods to tailor the Ten Foot products:

1. A hierarchy of settings files; and
2. Cascading Style Sheets (CSS).

Most of this document describes the settings files since, if you know CSS, it's easy to work out what to do.

In this section we provide an overview of CSS and the settings files.

The following sections describe the tailoring and regionalisation options for each of the Ten Foot products.

1.1 CSS

The Ten Foot Browser displays lists of favourites and pages you have visited as web pages. These pages make heavy use of CSS to determine layout and appearance.

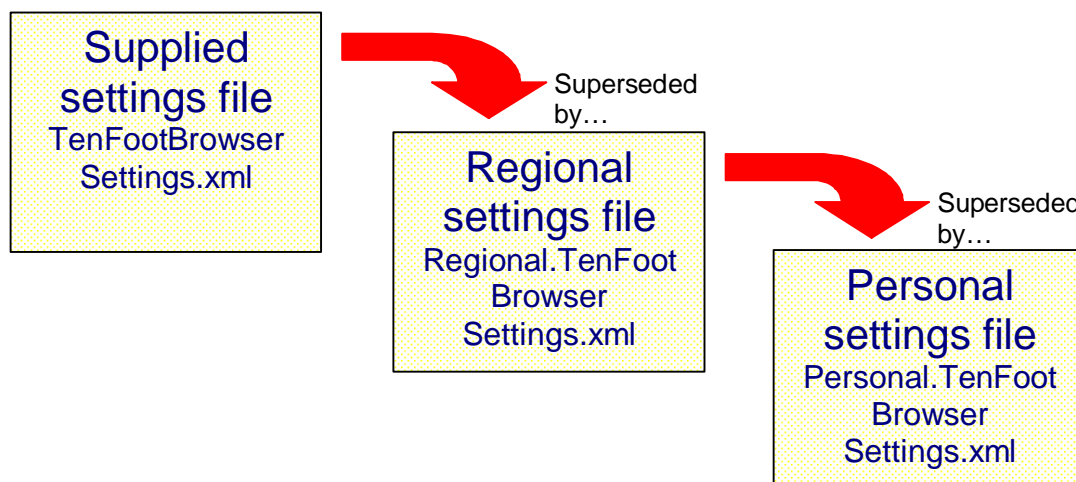
Our CSS file is supplied in the Ten Foot program directory; by default: C:\Program Files\CITA\Ten Foot Products. Our file is called 'localPages.css'.

You could modify our page, but your changes would get overwritten with the next release of the products. Instead, we suggest you put changes in a file called 'localPageTailoring.css' in the Ten Foot program directory. Any styles you define in this file will automatically override the style definitions in our CSS file. We will not overwrite localPageTailoring.css in future releases.

1.2 Settings files

All the Ten Foot products use settings files to determine how they should behave. The settings files also allow you to override all the text in the products so you can convert them to your preferred language - or just replace text you find difficult to understand.

All the products work the same way. This diagram illustrates the settings files for the Ten Foot Browser:



The settings files are merged. A setting in the personal file will override any setting in the other two files. The system will take a setting from the regional file if it has not been defined in the personal file.

The product defines default values for most settings so, if a setting is missing from all three files, it will use the default value.

The supplied settings file will get overwritten in new releases. We suggest you leave this file unchanged.

We intend that the regional settings file be used to translate the product into a different language. If you are developing a language translation, use the regional settings file. You can then upload it to the Ten Foot forum for the benefit of others.

Use the personal settings file to implement changes that are specific to your circumstances.

Note that the products cope if the regional or personal settings files are missing.

1.3 Working with XML

The settings files use EXtensible Markup Language - XML. They use simple XML structures. If you know anything about XML, you probably know enough to update the settings files.

If you have not worked with XML before, it is worth learning. You can learn all you need in just a few minutes. There is an excellent tutorial at www.w3schools.com/xml. Everything you need is covered in the first three lessons:

1. Introduction to XML
2. How XML can be used
3. XML syntax
4. And one of the 'advanced' topics called 'XML CDATA'.

To check whether a settings file is valid, or not, simply drag it into an Internet Explorer or FireFox browser window. If there are any errors, the browser will tell you and try to identify where the problem is.

1.4 Merging and replacing settings

When the products merge settings files, they replace settings with matching names. So, for example, the Browser settings file has a setting called `suppressScriptErrors` which has a default value of "Yes". If you place the following in the personal settings file:

```
<suppressScriptErrors>No</suppressScriptErrors>
```

... it would supersede the setting in all other files.

That's straightforward because the setting is stand-alone.

Some settings, though, use a hierarchy. For example, the `actionToTake` setting defines what action is implemented for any given remote button like this:

```
<actionToTake>
  <ChannelUp>PageUp</ChannelUp>
  <ChannelDown>PageDown</ChannelDown>
</actionToTake>
```

If you put the above in the personal settings file it would replace **all** the actionToTake values defined in the other settings files. To modify this behaviour, add a merge attribute like this:

```
<actionToTake merge="Yes">
  <ChannelUp>PageUp</ChannelUp>
  <ChannelDown>PageDown</ChannelDown>
</actionToTake>
```

If settings file higher up the hierarchy defines actionToTake like this:

```
<actionToTake>
  <Rewind>ZoomOut</Rewind>
  <Forward>ZoomIn</Forward>
  <ChannelUp>Stop</ChannelUp>
</actionToTake>
```

then the Browser would merge the settings like this:

```
<actionToTake>
  <Rewind>ZoomOut</Rewind>
  <Forward>ZoomIn</Forward>
  <ChannelUp>PageUp</ChannelUp>
  <ChannelDown>PageDown</ChannelDown>
</actionToTake>
```

Note that some settings are lists and use the same node name multiple times in the setting like this:

```
<fragments>
  <item>+++ .html</item>
  <item>+++ .htm</item>
  <item>+++ .shtml</item>
  ...
</fragments>
```

The programs cannot merge two sets of lists like this. If you intend to replace a list defined in a settings file, you will need to include all the list entries you need in the superseding list.

1.5 Regional settings

Regional settings are differentiated from other settings because they sit inside a 'regionalisation' node. In the following sections we split out regional settings from program settings. We also split regionalisation details into button and text regionalisation so you can see how each is used. In the settings file, however, button and text regionalisation sit alongside each other.

You can see samples of regionalisation files in the supplied 'US English Settings' directory which is a subdirectory of the products' program directory.

1.6 Changing remote settings

Each of the supplied settings files defines how the remote is used in the related product.

These settings files assume you will be using a Microsoft MCE remote, or a remote that emulates a Microsoft MCE remote. If you are already using a remote with MCE, it will work fine with the Ten Foot products.

We have, however, made provision for you to use a different remote or change the button assignments for your MCE remote.

Each settings file starts with something like this:

```
<settings>
  <remoteCommandButtons>
    <C65536>Back</C65536>
    <C720896>Skip</C720896>
    <C786432>Replay</C786432>
    <C851968>Stop</C851968>
    ...
  </remoteCommandButtons>
  <remoteCommandRaw>
    <C9>MoreInfo</C9>
    <C36>DVDMenu</C36>
    <C37>LiveTV</C37>
    ...
  </remoteCommandRaw>
  <actionToTake>
    <MoreInfo>Help</MoreInfo>
    <Red>RedButton</Red>
    <Green>GreenButton</Green>
    ...
  </actionToTake>
```

Note that:

- Button codes and raw commands are numeric. However, XML does not allow node names to start with numbers so we have prefixed the codes with a "C".
- You can give the commands and buttons any name you like. They are used only in the actionToTake table.

Having defined buttons or commands you can then allocate them to actions implemented by the program. For example, the above settings use the MoreInfo command to execute the Help action. Pressing the 'More' button on your remote displays a help page. If you replace:

```
<MoreInfo>Help</MoreInfo>
```

with:

```
<Stop>Help</Stop>
```

the Stop button will call up help instead.

If you use both button assignments like this:

```
<MoreInfo>Help</MoreInfo>  
<Stop>Help</Stop>
```

then both keys will display help.

The Action table can also use Key codes. You can see a full list of the key names used by Microsoft at: <http://msdn2.microsoft.com/en-us/library/system.windows.forms.keys.aspx>. For example, if you want to define the right control key as the help key, use the following in the action table:

```
<RControlKey>Help</RControlKey>
```

If you define an action starting with “Send” the products will interpret it as a request to generate a keyboard character and send it to the program. The text following “Send” is converted to a SendKeys command. You can see a definition of the SendKeys syntax at www.developerfusion.co.uk/show/57/. For example:

- SendA - sends the character “A”
- Send{PGDN} - sends the page down key
- Send+{ENTER} - sends Shift-Enter.

Be careful! If you assign an action to a button and that action is to generate the button, you will force the products into an endless loop.

In the following sections we provide tables listing remote button actions and how they are implemented by each product.

Note that the following buttons work differently to the others on an MCE Remote:

- The ‘MCE’ button
- My TV
- My Music
- My Pictures
- My Videos
- Recorded TV
- Guide
- Live TV
- DVD Menu.

You can assign Ten Foot actions to these keys - and that works. However, MCE will continue to act on them even if it does not have the focus. In effect, that means the keys are dedicated to MCE.

When assigning keys, we avoided using the Play and Pause buttons. That means you can pause and resume sound from MCE while using the Ten Foot products. Feel free to use these keys if that capability is not important to you.

2 The Ten Foot Launcher

2.1 Program settings

The following settings are used by the Launcher...

Remote button action	What it does
RedButton	Clicks the red button
GreenButton	Clicks the green button
Tab	Generates a Tab key
BackTab	Generates a Back Tab (Shift-Tab) key
PageUp	Generates a PgUp key
PageDown	Generates a PgDn key

Setting	Default value	What it does
launcherLogFileName	Blank	Specify a file name to request the Launcher to log activity to the file. The log file is placed in your 'My Documents' directory. This is a useful way to check key assignments since the Launcher logs how the key assignment settings are used for each remote button you press.
launcherClickInterval	500	The number of milliseconds to wait after receiving a hot button before deciding that there will not be a second hot button. To activate the Launcher it has to see two hot button presses within the click interval.
launcherHelp	See setting file	Help text for the launcher
doNotResetSuspendStatusAfterResume	Blank	If set to Yes will prevent the Launcher from resetting the Prevent/Allow auto sleep/hibernate to Allow when you manually sleep/hibernate your PC.
timeToShowStatus	1500	Number of milliseconds to show status messages on screen
statusMessageMargin	30	Number of pixels surrounding status messages

2.2 Changing the hot buttons

The Launcher looks for hot buttons. If it sees a hot button pressed twice within the click interval defined in the settings, it activates itself.

You can define additional or alternate hot keys with the hotButtons setting. By default, we define the Menu (grey teletext button) and the Help (More button) actions as hot keys using the equivalent of this setting:

```
<hotButtons>
  <item>Menu</item>
  <item>Help</item>
</hotButtons>
```

You can define as many hot buttons as you like, but you must define at least one. Note you can select only the buttons defined in the 'remoteCommandButtons' section of the settings file as hot buttons.

We suggest you do not define any 'Send' actions for the Launcher. Because of the way the Launcher works, there is no guarantee that keys you send with this command will reach the Launcher.

2.3 Adding programs to the Launcher

We provide the following program definitions in the Launcher settings file:

```
<launchOptions>
  <option>
    <display>Run the ten foot browser</display>
    <windowTitle>Ten Foot Browser</windowTitle>
    <programLocation>c:\Program Files\CITA\Ten Foot
      Products\TenFootBrowser.exe</programLocation>
  </option>
  <option>
    <display>Run the ten foot program manager</display>
    <windowTitle>Ten Foot Program Manager</windowTitle>
    <programLocation>c:\Program Files\CITA\Ten Foot
      Products\TenFootProgramManager.exe</programLocation>
  </option>
  <option>
    <display>Run the ten foot file manager</display>
    <windowTitle>Ten Foot File Manager</windowTitle>
    <programLocation>c:\Program Files\CITA\Ten Foot
      Products\TenFootFileManager.exe</programLocation>
  </option>
</launchOptions>
```

You can add programs to the list by repeating the above in your personal settings file adding 'option' tags for each new program.

The 'display' tag defines the name of the program as shown in the Window title. The Launcher uses this name to decide if the program is already running. The Launcher activates the program if it is already running, otherwise it will run it from the specified program location.

Note that some programs like Notepad, for example, include the name of the file they are working on in at the beginning of their Window title. The Launcher knows to ignore this part of the title. Provide the unchanging part of the title in the 'display' tag.

Optionally add one or more of the following to any 'option' tag:

- `</minimise>` to run the program minimised
- `</maximise>` to run the program maximised
- `</inhibitMinimiseList>` prevents the action of the minimise list when running this program

We also provide settings that determine which programs the Launcher should minimise when it is activated or when it launches another application. The default settings are:

```
<minimiseList>
</minimiseList>
<minimiseByClassList>
  <item>eHome Render Window</item>
</minimiseByClassList>
```

The `minimiseList` setting is a list of item tags that define Windows titles in the same way as 'windowTitle' tags. The 'minimiseByClassList' setting defines programs by class name (which are usually more unique than window titles). The main MCE window has class name 'eHome Render Window'. We minimise it because, otherwise, it interferes with the operation of other programs.

2.4 Act on the 'eHome' button

The 'eHome' button is The Big Green Button in the centre of your remote. If you have Windows XP Media Center Edition (MCE) or one of the Windows Vista options that supports Vista Media Center then pressing this button invokes the Media Center. You cannot override this action. However, you can:

- Implement an alternate action if Media Center is not supported on your version of Windows
- Run an additional program when you press the eHome button

To run a program when eHome is pressed, add an `<eHomeLaunch>` node. The contents of this node are the same as an `<option>` node (see previous section).

2.5 Regionalisation

Use the following settings to regionalise the Launcher...

Button name	Default value
TFLRed	No action
TFLGreen	Launch selected option

Text name	Default value
TFL1	Close down the launcher
TFL2	Unable to activate or run the selected option
TFL3	Press OK or Enter to confirm shut down
TFL4	Version
TFL5	Help with using the launcher
TFL6	Prevent auto sleep/hibernate
TFL7	Allow auto sleep/hibernate

3 The Ten Foot Browser

3.1 Program settings

The following settings are used by the Browser...

Remote button action	What it does
RedButton	Clicks the red button
GreenButton	Clicks the green button
YellowButton	Clicks the yellow button
BlueButton	Clicks the blue button
Tab	Generates a Tab key
BackTab	Generates a Back Tab (Shift-Tab) key
PageUp	Generates a PgUp key
PageDown	Generates a PgDn key
Help	Shows help page
Menu	Calls up the Browser menu
ZoomIn	Magnifies web pages
ZoomOut	Makes web pages smaller
Stop	Stops the browser from retrieving page data
Back	Goes back to the previous page shown by the browser

Setting	Default value	What it does
timeToShowStatus	1500	Number of milliseconds to show status messages on screen
statusMessageMargin	30	Number of pixels surrounding status messages
suppressScriptErrors	Yes	If "Yes", requests Internet Explorer to suppress all error messages generated by scripts plus other 'popup' messages including user ids and password requests. If "No", 'Popup' messages are not suppressed and user id and password requests are honoured.

HideMenuBackground	No	If "Yes" displays the menu without a background colour (can cause programs when the menu loses and regains the focus)
dataEntryHelp	See setting file	Help text for the data entry window
useDataHistoryHelp	See setting file	Help text for the use data history window
newAddressHelp	See setting file	Help text for the new address window
favouritesHelp	See setting file	Help text for the favourites window
trimFavouritesHelp	See setting file	Help text for the trim favourites window
urlHistoryHelp	See setting file	Help text for the URL history window
trimURLHistoryHelp	See setting file	Help text for the trim URL history window
useFragmentHelp	See setting file	Help text for the use fragment window
managePopupsHelp	See setting file	Help text for the manage popups window
keyCycleInterval	2000	Number of milliseconds to wait before accepting a new character in the 'triple tap' screens.
helpPageOpacity	75	Percentage opacity of the help pages - 100 means you cannot see any of the underlying page through the help page.
helpPageColour	0 (Black)	Background colour of help pages
helpStatusColour	FFFFFF (White)	Colour of status page text
helpPageBaseFont	24	Size of the font as shown on a 640 x 480 pixel screen (automatically adjusts to screen size)
helpColour	FFFF00 (Yellow)	Colour of help page text

newAddressPageOpacity	80	Percentage opacity of the new address window - 100 means you cannot see any of the underlying page through the window
trimURLHistoryPageOpacity	80	Percentage opacity of the URL history window
defaultDaysOfURLHistoryToDelete	14	The trim URL history page suggests a date for removing URL history. This setting determines how many days ago the date should be.
remoteMousePointsToMove	5	Number of points to move the cursor for each press of the up, down, left and right arrows

3.2 Regionalisation

The following sections describe the settings that allow you to regionalise the Browser. We provide a separate section for each window displayed by the Browser.

3.2.1 Main window

Text name	Default value
main1	Your favourites (status message)
main2	Popup denied
main3	Back (status message)
main4	No previous page
main5	Enter (status message)
main6	Full refresh (status message)
main7	Refresh (status message)
main8	Stop (status message)
main9	Click to see menu, right click for help
main10	Going to (followed by “:” and the page URL)
main11	At page (followed by “:” and the page URL)
main12	Status (followed by “:” and the page status)
main14	Browser is offline
main15	Program version (followed by “:” and the version number)
main17	You do not have a home page

main18	Cancelled
main19	Fragment added for your use
main20	Your home page is updated
main21	Your favourites have been updated
main24	There is no active element
main25	Press OK or Enter to exit
main26	You might not be in a data entry field, use OK/Enter to proceed anyway
main28	Fragment added for your use
main29	Zoom (followed by zoom percentage)
main30	Your favourites (used in favourites page)
main31	You do not currently have a home page
main32	You do not currently have any favourites
main33	Delete this favourite
main34	date (used in URL history page)
main35	title (used in URL history page)
main36	URL (used in URL history page)
main37	Your history sorted by
main38	You do not currently have any history available
main39	Delete this entry
main40	Handled error (followed by “:” and the error message)
main41	Attempt to close window disallowed

3.2.2 Status pages

When you press the 'Help' button or the F1 key at the main Browser page, the system displays a status page followed by help pages defined in the settings. Help pages are defined in the 'helpPages' setting which contains an 'item' tag for each page. We use 'CDATA' XML definitions for the help pages because they make it easier to lay them out. See the supplied settings file to see an example of how to use CDATA definitions.

Text name	Default value
moreInfo1	Use left and right arrows to see more. Any non-movement key to exit.

3.2.3 Menu

Button name	Default text
menuRed1	Exit the browser
menuGreen1	Remote mouse
menuYellow1	Data entry
menuBlue1	Go to address
menuRed2	Stop
menuGreen2	Refresh
menuYellow2	Home
menuBlue2	Back
menuRed3	History
menuGreen3	Favourites
menuYellow3	Popups
menuBlue3	Make this page your home
menuRed4	Status
menuYellow4	Minimise browser
menuGreen4	Highlight cursor
menuGrey	Exit menu

3.2.4 Data entry

The Browser uses a 'keysDataEntry' setting to determine which characters are generated by each numeric button on your remote. You can define multiple registers. You switch registers with the PageUp and PageDown action buttons. For example you can define lower case characters on one register and upper case characters on another.

The 'registerCount' tag determines the number of registers.

You then need to define a 'keynRegm' tag for each number key in each register where *n* is the key number (0 to 9) and *m* is the register number (the first register is 1, the second is 2, and so on).

Within the 'keynRegm' tag define the characters to be generated by successive presses of the associated number button. Note that keys that have a special meaning in XML, such as <, > and & are best defined in a CDATA section.

See the supplied settings file for an example.

Button name	Default text
dataEntryRed	Cancel
dataEntryGreen	Insert
dataEntryYellow	Insert new line
dataEntryBlue	Use history

3.2.5 Use data history

Button name	Default text
useDataHistoryRed	Exit
useDataHistoryGreen	Use highlighted text
useDataHistoryYellow	Show history for all pages
useDataHistoryBlue	Delete highlighted text

Text name	Default value
useDataHistory1	No data entry history available
useDataHistory2	No data entry history for this page
useDataHistory4	Press OK or Enter to confirm deletion
useDataHistory5	History item deleted

useDataHistory7	History item deleted, now showing all history
useDataHistory8	Show history for this page (Yellow button text)
useDataHistory9	Show history for all pages (Yellow button text)

3.2.6 Favourites

Button name	Default text
favouritesRed	Show favourites by title
favouritesGreen	Show favourites by URL
favouritesYellow	Add current page to favourites
favouritesBlue	Trim

3.2.7 Trim favourites

Button name	Default text
trimFavouritesRed	Exit
trimFavouritesGreen	Delete highlighted favourite

Text name	Default value
trimFavourites1	Press OK or Enter to confirm deletion
trimFavourites2	Favourite deleted
trimFavourites3	No favourites available

3.2.8 New address

The Browser uses a 'keysAddress' setting to determine which characters are generated by each numeric button on your remote. See the 'Data entry' section above for a description of how the setting works.

Button name	Default text
newAddressRed	Cancel
newAddressYellow	Add as a fragment
newAddressBlue	Use a fragment

Text name	Default value
newAddress1	Get previous address
newAddress2	Go

3.2.9 Use fragment

Button name	Default text
useFragmentRed	Exit
useFragmentGreen	Use highlighted fragment
useFragmentYellow	Delete highlighted fragment

Text name	Default value
useFragment1	Press OK or Enter to confirm deletion
useFragment2	Fragment deleted
useFragment3	No fragments available

3.2.10 URL history

Button name	Default text
urlHistoryRed	Show URL history by date
urlHistoryGreen	Show URL history by title
urlHistoryYellow	Show URL history by URL
urlHistoryBlue	Trim

3.2.11 Trim URL history

Button name	Default text
trimURLHistoryRed	Exit
trimURLHistoryGreen	Delete history prior to this date
trimURLHistoryYellow	Delete all history

Text name	Default value
trimURLHistory1	Press OK or Enter to delete all URL history
trimURLHistory2	All URL history deleted
trimURLHistory3	URL history prior to specified date deleted
trimURLHistory4	press OK or Enter to delete URL history before given date

3.2.12 Manage popups

Button name	Default text
managePopupsRed	Exit
managePopupsBlue	Allow denied popup

Text name	Default value
managePopups1	Default action is
managePopups2	Deny
managePopups3	Allow popups by default
managePopups4	Allow
managePopups5	Deny popups by default
managePopups6	This site denies popups
managePopups7	Allow popups in this site
managePopups8	This site allows popups
managePopups9	Follow default for this site
managePopups10	This site follows default action
managePopups11	Deny popups in this site
managePopups12	There is no current site
managePopups14	Last denied popup

4 The BitTorrent client

4.1 Program settings

The client comprises two programs:

1. The main client program: TenFootBTClient.exe
2. A handler for .torrent files: TFBT

In the sections that follow, settings starting TFBT are the ones that relate to TFBT.exe. TFBT also shares the torrentFolder setting with the client.

The following settings are used by the BitTorrent client programs...

Remote button action	What it does
RedButton	Clicks the red button
GreenButton	Clicks the green button
YellowButton	Clicks the yellow button
BlueButton	Clicks the blue button
Tab	Generates a Tab key
BackTab	Generates a Back Tab (Shift-Tab) key
PageUp	Generates a PgUp key
PageDown	Generates a PgDn key
Help	Shows help pages
Menu	Closes subsidiary windows
Back	Closes subsidiary windows
PreviousTorrent	Switches between torrents when running more than one
NextTorrent	Switches between torrents when running more than one

Setting	Default value	What it does
statusMessageMargin	30	Number of pixels surrounding status messages
torrentFolder	BitTorrents subfolder to the user's 'My documents' folder. Used to store .torrent and downloaded files.	
completedTorrentFolder	Completed Downloads subfolder to torrentFolder. Used to store downloaded folders and files (unless matched by completedDownloadLocations).	
completedDownloadLocations	Contains a node for each recognised extension in lower case (e.g. <avi>) the contents of the node is the download folder for all files having that extension.	
deleteTorrentsAfterDays	14	The number of days to keep details of finished downloads in the settings file.
helpPageOpacity	75	Percentage opacity of the help pages
helpPageColour	0 (Black)	Background colour of help pages
helpStatusColour	FFFFFF (White)	Colour of status page text
helpPageBaseFont	24	Size of the font as shown on a 640 x 480 pixel screen (automatically adjusts to screen size)
helpColour	FFFF00 (Yellow)	Colour of help page text
TFBTClientWindowName	BitTorrent Client	
TFBTClientNeedsDirectory	Blank	A non blank value provides the address of a directory that should be current when running the client
TFBTClientFullPath	TenFootBTClient.exe in the same directory as TFBT.	

4.2 Regionalisation

Use the following settings to regionalise the BitTorrent client programs...

Button name	Default text
mainRed	Exit
mainGreen	Tuning
mainYellow	Change status
tuningRed	Exit without change
tuningGreen	Toggle Yes/No
tuningYellow	Complete your changes
tuningBlue	More settings
statusRed	Back
status1	Restart
status2	Delete
status3	Resume
status4	Stop
status5	Pause
status6	Resuscitate
TFBTRed	Close

Text name	Default value
main1	Starting up
main2	Looking for .torrent files in folder
main3	Press OK or Enter to confirm shut down
main6	This download is invalid
main7	Problem is (followed by : and the problem)
main8	Press OK or Enter to confirm deletion
main9	This download is cancelled

main10	Processing is stopped by a stop.torrent file in folder (followed by : and torrent folder)
main11	Not accepting new torrents for now
main12	Processing is suspended by a nonew.torrent file in folder (followed by : and torrent folder)
main15	Average download speed (followed by : and a speed)
main16	Average upload speed (followed by : and a speed)
main17	This download finished at (followed by : and a time)
main18	Seeding finished at (followed by : and a time)
main19	This download has been deleted
main20	Waiting for current download(s) to complete
main21	Closing down...
basics1	Status (followed by : and the torrent status)
basics2	Share ratio (followed by : and a share ratio)
basics3	Est. completion in (followed by : and an interval)
basics4	at (followed by a time)
basics5	hour
basics5a	hours
basics6	minute
basics6a	minutes
basics7	second
basics7a	seconds
basics8	Download rates...
basics9	Current (followed by : and a rate)
basics10	Average (followed by : and a rate)
basics11	Upload rates...
basics12	Limit (followed by : and a rate)
basics14	Elapsed time (followed by : and an interval)

basics15	Downloading took (followed by : and an interval)
basics16	Total time (followed by : and an interval)
basics17	Low (followed by : and the number of screen refreshes at the low rate)
basics18	day
basics18a	days
torrent1	Extracts to
torrent2	Pieces (followed by : and a count of pieces)
torrent3	Size (followed by : and a piece size)
torrent4	Total (followed by : and the total download size)
torrent5	Downloaded data (followed by : and a size)
torrent6	Finished (followed by : and a time)
torrent7	Uploaded data (followed by : and a size)
torrent8	Started (followed by : and a time)
torrent9	at (followed by a progress percentage)
torrent10	complete
torrent11	files in folder
torrent12	file
torrent14	Restarted (followed by : and a time)
torrent15	Corrupt packets received (followed by : and a count)
swarm1	Seeds...
swarm2	Swarm
swarm3	Connected (followed by : and a count)
swarm4	Interested (followed by : and a count)
swarm5	Unchoked (followed by : and a count)
swarm6	Leechers...
swarm7	Requesting (followed by : and a count)

swarm8	Peers...
swarm9	Average completion (followed by : and a percentage)
swarm10	Max completion (followed by : and a percentage)
tuning1	Yes
tuning2	No
tuning3	Maximum download rate...
tuning4	Maximum upload rate...
tuning5	BitTorrent port number...
tuning6	Use Universal Plug 'n Play
tuning7	Remove UPnP connection at the end
tuning8	Stay awake while downloading
tuning9	Stay awake while seeding
tuning10	Less than 100% is unsociable
tuning11	Stop seeding after...
tuning12	ticks at low upload rate
tuning13	Low upload rate is...
tuning14	Automatically resuscitate after...
tuning15	ticks at low download rate
tuning16	Low download rate is...
tuning17	Maximum concurrent downloads...
tuning18	Refresh progress display every...
tuning19	seconds = 1 'tick'
tuning20	Save progress to disk every...
tuning21	ticks
tuning22	Keep a log of all activity
tuning23	Update the log every...
tuning24	ticks

tuning25	Maximum concurrent uploads per torrent...
tuning26	Maximum connections per torrent...
tuning27	Bandwidth share factors...
tuning28	Tune BitTorrent client settings
moreInfo1	Use left and right arrows to see more. Any non-movement key to exit.
TFBT1	The BitTorrent handler is either not installed or not fully installed.
TFBT2	Do you want to install it now?
TFBT3	Registry setup
TFBT4	The BitTorrent handler has not been fully installed. To complete installation, rerun the handler.
TFBT5	Problem updating the registry. The Ten Foot BitTorrent handler is not fully installed. Re-run this program to retry installation.
TFBT6	Problem is (flowed by : and the problem description)
TFBT7	The Ten Foot BitTorrent handler has been installed successfully.
TFBT8	The Ten Foot BitTorrent handler was already installed correctly. No change needed.
TFBT9	Problem encountered when copying file (followed by : and file name)
TFBT10	to (followed by : and file name)
TFBT11	That torrent has already been submitted, no action taken
TFBT12	Problem encountered reading file (followed by : and file name)
TFBT14	Problem encountered creating directory (followed by : and directory name)
TFBT15	Problem encountered when running program (followed by : and program name)
TFBT16	Version (followed by : and version number)
TFBT17	Problem encountered when changing current directory to (followed by : and directory name)
TFBT18	Window will close in (followed by number of seconds)
TFBT19	seconds

TFBT20

This torrent has been submitted for processing (followed by : and torrent file name)

5 The Ten Foot Mail Reader

5.1 Program settings

The following settings are used by the Mail Reader...

Remote button action	What it does
RedButton	Clicks the red button
GreenButton	Clicks the green button
YellowButton	Clicks the yellow button
BlueButton	Clicks the blue button
Tab	Generates a Tab key
BackTab	Generates a Back Tab (Shift-Tab) key
PageUp	Generates a PgUp key
PageDown	Generates a PgDn key
Help	Shows help pages
Menu	Displays/hides the buttons when viewing the text of an Email
ZoomIn	Magnifies the text of an Email
ZoomOut	Makes the text of an Email smaller
Back	Takes you back to the previous screen in a sequence

Setting	Default value	What it does
timeToShowStatus	1500	Number of milliseconds to show status messages on screen
statusMessageMargin	30	Number of pixels surrounding status messages
formEntryPageOpacity	100	Percentage opacity of the forms used to collect information about Email accounts
keyCycleInterval	2000	Number of milliseconds to wait before accepting a new character in the 'triple tap' screens.

Pop3Timeout	60,000	Number of milliseconds to wait before giving up on a POP3 server
showStatisticsOpacity	100	Percentage opacity of the screen telling you how many Emails are waiting for you - 100 means you cannot see any of the underlying page through the help page
helpPageOpacity	75	Percentage opacity of the help pages
helpPageColour	0 (Black)	Background colour of help pages
helpStatusColour	FFFFFF (White)	Colour of status page text
helpPageBaseFont	24	Size of the font as shown on a 640 x 480 pixel screen (automatically adjusts to screen size)
helpColour	FFFF00 (Yellow)	Colour of help page text

The Mail Reader uses 'formElement' definitions to determine how to display the forms that capture account information. These elements are mandatory and the program will fail if they are not present. However, you might want to use the regional settings file to change the helpPrompt data to adapt the program to a different language.

5.2 Regionalisation

Use the following settings to regionalise the Mail Reader...

Button name	Default text
mainRed	Exit
mainGreen	Show Emails
mainYellow	Add Email account
mainBlue	Change details
showStatisticsRed	Cancel
showStatisticsGreen	Get Emails
showTitlesRed	Exit
showTitlesGreen	Show Email
showTextRed	Exit
formEntryRed	Cancel

formEntryGreen	OK
----------------	----

Text name	Default value
main1	Press OK or Enter to confirm shut down
main2	Account entry cancelled
main3	Account title is mandatory
main4	Account address is mandatory
main6	Account id is mandatory
main7	Response must be Y or N
main8	Port number is mandatory
main9	Invalid port number
main10	Account added
main11	Invalid password
main12	Account updated
main14	Account deleted
main15	Account title cannot duplicate an existing one
main16	Keep existing password
showStatistics1	Getting Email information
showStatistics2	Problem connecting
showStatistics3	Problem retrieving statistics
showStatistics4	Number of Emails
showStatistics5	Total size
showStatistics6	Messages read
showStatistics7	Size read
showTitles1	Message text is not available
showTitles2	<Delete>
showTitles3	Mark highlighted for deletion

showTitles4	Unmark highlighted for deletion
showTitles5	Deleting Email
showTitles6	No plain text found in this Email
showTitles7	From
showTitles8	To
showTitles9	Number of attachments
showTitles10	Subject
showTitles11	Unable to retrieve this Email, sorry.
showTitles12	Sent
showText1	Press More or F1 for help
showText2	Do not wrap text
showText3	Wrap text

6 The Ten Foot Program Manager

6.1 Program settings

The following settings are used by the Program Manager...

Remote button action	What it does
Tab	Switches from the left pane to the right, and vice versa
BackTab	Switches from the left pane to the right, and vice versa
PageUp	Generates a PgUp key
PageDown	Generates a PgDn key
Help	Displays the help page
Refresh	Rebuilds the right hand pane

Setting	Default value	What it does
timeToShowStatus	1500	Number of milliseconds to show status messages on screen
statusMessageMargin	30	Number of pixels surrounding status messages
commandPanelWidth	130	Width of the left hand, command panel in pixels. NB this is applied to the base screen size designed for a 640 by 480 pixel display. The panel width is automatically resized to the actual display dimensions.
HelpPageOpacity	75	Percentage opacity of the help pages - 100 means you cannot see any of the underlying page through the help page.
HelpPageColour	0 (Black)	Background colour of help pages
helpStatusColour	FFFFFF (White)	Colour of status page text
helpPageBaseFont	24	Size of the font as shown on a 640 x 480 pixel screen (automatically adjusts to screen size)
helpColour	FFFF00 (Yellow)	Colour of help page text

6.2 Regionalisation

Use the following settings to regionalise the Program Manager...

Text name	Default value
main1	Activate
main2	Minimise
main3	Maximise
main4	Close
main5	Refresh
main6	Close TFPM
main7	Press OK or Enter to confirm shut down
main8	It appears that window is no longer available
main9	That window is already minimised
main10	Window minimised
main11	It appears that window is already closed
main12	Window closing
main14	Version
main15	Help
main16	Restore

7 The Ten Foot File Manager

7.1 Program settings

The following settings are used by the File Manager...

Remote button action	What it does
Tab	Switches from the left pane to the right, and vice versa
BackTab	Switches from the left pane to the right, and vice versa
PageUp	Generates a PgUp key
PageDown	Generates a PgDn key
Help	Displays the help page
Refresh	Rebuilds the right hand pane
Back	Returns to the previous view/folder
NextWindow	Goes to the next window in the: Drives; Folders; Files and Favourites sequence.
PreviousWindow	Goes to the next window in the: Favourites; Files; Folders; and Drives sequence.
RedButton	Clicks the red button
GreenButton	Clicks the green button

Setting	Default value	What it does
timeToShowStatus	1500	Number of milliseconds to show status messages on screen
statusMessageMargin	30	Number of pixels surrounding status messages
commandPanelWidth	130	Width of the left hand, command panel in pixels. NB this is applied to the base screen size designed for a 640 by 480 pixel display. The panel width is automatically resized to the actual display dimensions.
NumberOfHistoryPages	50	The maximum number of pages of history that you can go back to with your Back button.
ShowHiddenFolders	No	If no, the File Manager does not show folders marked

		as hidden.
ShowHiddenFiles	No	If no, the File Manager does not show files marked as hidden.
RenamePageOpacity	100	
keyCycleInterval	2000	Number of milliseconds to wait before accepting a new character in rename screen.
HelpPageOpacity	75	Percentage opacity of the help pages - 100 means you cannot see any of the underlying page through the help page.
HelpPageColour	0 (Black)	Background colour of help pages
helpPageBaseFont	24	Size of the font as shown on a 640 x 480 pixel screen (automatically adjusts to screen size)
helpColour	FFFF00 (Yellow)	Colour of help page text

The Browser uses a 'keysRename' setting to determine which characters are generated by each numeric button on your remote when naming or renaming . See the 'Data entry' section above for a description of how the setting works.

You can also use an 'extensions' setting to define the action(s) to take when you choose to Run a file with the File Manager. The extensions section looks like this:

```
<extensions>
  <html>
    <action></action>
    <description>Show</description>
  </html>
  <html>
    <action>c:/windows/notepad.exe "&amp;1"</action>
    <description>Edit</description>
  </html>
</extensions>
```

This defines two actions for files ending in .html (or .HTML or any other combination of upper and lower case). The first defines an empty action tag. This instructs the File Manager to use the default Windows action. The second instructs the File Manager to call up Note pad with the file name as parameter (denoted by &1 - which is translated by XML into &1 as used in Windows definitions). The description tags describe each action. You will see these in the screen that asks you to choose an action if there is more than one action defined for a file extension.

7.2 Regionalisation

Use the following settings to regionalise the File Manager...

Button name	Default value
renameRed	Cancel

Text name	Default value
main1	Drives
main4	Top folder
main5	Refresh
main6	Close TFFM
main7	Press OK or Enter to confirm shut down
main8	Drive is not ready
main9	Folders
main10	Files
main11	Favourites
main14	Show folder
main15	Show parent
main16	Paste
main17	Deselect all
main18	Copy
main19	Cut
main20	Select all
main21	Delete
main22	No favourites
main23	That folder is not available
main24	This folder's parent is not available
main25	Cut pending

main26	Copy pending
main27	(De)select
main28	Cannot paste, folder no longer available
main29	Problem (followed by “:” and problem description)
main30	Paste complete
main31	Cannot delete, folder no longer available
main32	Rename
main33	Press OK or Enter to confirm deletion
main34	Processing (followed by “:” and the file or folder being processed)
main35	Deletion complete
main36	Folder has been renamed
main37	Run
main38	Cannot paste, file no longer available
main39	Cannot delete, file no longer available
main40	File has been renamed
main41	Press OK or Enter to run this file
main42	Execution started
main43	Show favourite
main44	Show drives
main45	Favourites updated
main46	There is no previous page to go back to
main47	Version
main48	Cannot paste, not cutting or copying
main49	Help
main50	Create new
main51	Folder has been created
main52	That folder already exists

main53	Drive appears to be unavailable
main54	Option
main55	Favourite has been renamed
main56	Favourite no longer exists
rename1	Rename
rename2	Create new



Ten Foot Products

Tailoring and Regionalisation Guide



**Constructive
IT Advice**

Andy Henderson

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1 Overview

We provide two methods to tailor the Ten Foot products:

1. A hierarchy of settings files; and
2. Cascading Style Sheets (CSS).

Most of this document describes the settings files since, if you know CSS, it's easy to work out what to do.

In this section we provide an overview of CSS and the settings files.

The following sections describe the tailoring and regionalisation options for each of the Ten Foot products.

1.1 CSS

The Ten Foot Browser displays lists of favourites and pages you have visited as web pages. These pages make heavy use of CSS to determine layout and appearance.

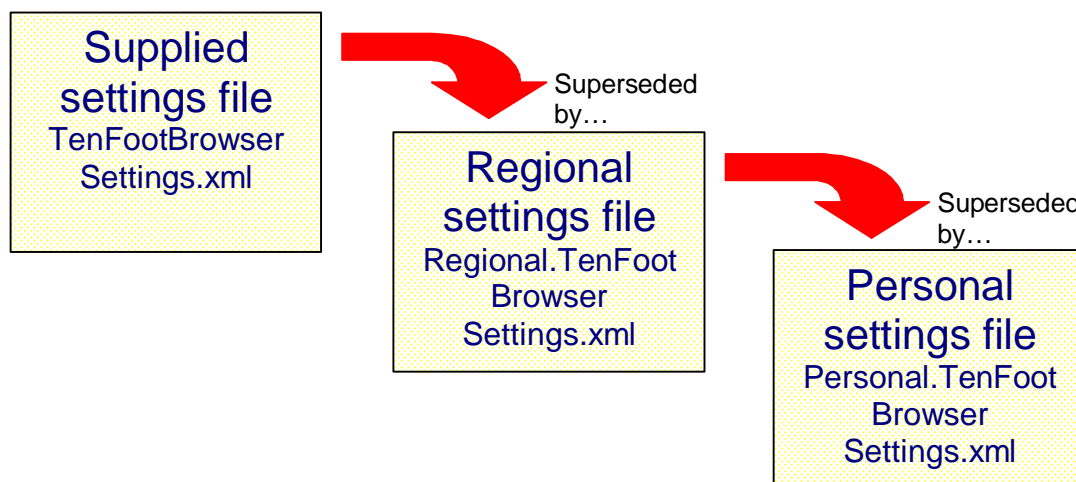
Our CSS file is supplied in the Ten Foot program directory; by default: C:\Program Files\CITA\Ten Foot Products. Our file is called 'localPages.css'.

You could modify our page, but your changes would get overwritten with the next release of the products. Instead, we suggest you put changes in a file called 'localPageTailoring.css' in the Ten Foot program directory. Any styles you define in this file will automatically override the style definitions in our CSS file. We will not overwrite localPageTailoring.css in future releases.

1.2 Settings files

All the Ten Foot products use settings files to determine how they should behave. The settings files also allow you to override all the text in the products so you can convert them to your preferred language - or just replace text you find difficult to understand.

All the products work the same way. This diagram illustrates the settings files for the Ten Foot Browser:



The settings files are merged. A setting in the personal file will override any setting in the other two files. The system will take a setting from the regional file if it has not been defined in the personal file.

The product defines default values for most settings so, if a setting is missing from all three files, it will use the default value.

The supplied settings file will get overwritten in new releases. We suggest you leave this file unchanged.

We intend that the regional settings file be used to translate the product into a different language. If you are developing a language translation, use the regional settings file. You can then upload it to the Ten Foot forum for the benefit of others.

Use the personal settings file to implement changes that are specific to your circumstances.

Note that the products cope if the regional or personal settings files are missing.

1.3 Working with XML

The settings files use EXtensible Markup Language - XML. They use simple XML structures. If you know anything about XML, you probably know enough to update the settings files.

If you have not worked with XML before, it is worth learning. You can learn all you need in just a few minutes. There is an excellent tutorial at www.w3schools.com/xml. Everything you need is covered in the first three lessons:

1. Introduction to XML
2. How XML can be used
3. XML syntax
4. And one of the 'advanced' topics called 'XML CDATA'.

To check whether a settings file is valid, or not, simply drag it into an Internet Explorer or FireFox browser window. If there are any errors, the browser will tell you and try to identify where the problem is.

1.4 Merging and replacing settings

When the products merge settings files, they replace settings with matching names. So, for example, the Browser settings file has a setting called `suppressScriptErrors` which has a default value of "Yes". If you place the following in the personal settings file:

```
<suppressScriptErrors>No</suppressScriptErrors>
```

... it would supersede the setting in all other files.

That's straightforward because the setting is stand-alone.

Some settings, though, use a hierarchy. For example, the `actionToTake` setting defines what action is implemented for any given remote button like this:

```
<actionToTake>
  <ChannelUp>PageUp</ChannelUp>
  <ChannelDown>PageDown</ChannelDown>
</actionToTake>
```

If you put the above in the personal settings file it would replace **all** the actionToTake values defined in the other settings files. To modify this behaviour, add a merge attribute like this:

```
<actionToTake merge="Yes">
  <ChannelUp>PageUp</ChannelUp>
  <ChannelDown>PageDown</ChannelDown>
</actionToTake>
```

If settings file higher up the hierarchy defines actionToTake like this:

```
<actionToTake>
  <Rewind>ZoomOut</Rewind>
  <Forward>ZoomIn</Forward>
  <ChannelUp>Stop</ChannelUp>
</actionToTake>
```

then the Browser would merge the settings like this:

```
<actionToTake>
  <Rewind>ZoomOut</Rewind>
  <Forward>ZoomIn</Forward>
  <ChannelUp>PageUp</ChannelUp>
  <ChannelDown>PageDown</ChannelDown>
</actionToTake>
```

Note that some settings are lists and use the same node name multiple times in the setting like this:

```
<fragments>
  <item>+++ .html</item>
  <item>+++ .htm</item>
  <item>+++ .shtml</item>
  ...
</fragments>
```

The programs cannot merge two sets of lists like this. If you intend to replace a list defined in a settings file, you will need to include all the list entries you need in the superseding list.

1.5 Regional settings

Regional settings are differentiated from other settings because they sit inside a 'regionalisation' node. In the following sections we split out regional settings from program settings. We also split regionalisation details into button and text regionalisation so you can see how each is used. In the settings file, however, button and text regionalisation sit alongside each other.

You can see samples of regionalisation files in the supplied 'US English Settings' directory which is a subdirectory of the products' program directory.

1.6 Changing remote settings

Each of the supplied settings files defines how the remote is used in the related product.

These settings files assume you will be using a Microsoft MCE remote, or a remote that emulates a Microsoft MCE remote. If you are already using a remote with MCE, it will work fine with the Ten Foot products.

We have, however, made provision for you to use a different remote or change the button assignments for your MCE remote.

Each settings file starts with something like this:

```
<settings>
  <remoteCommandButtons>
    <C65536>Back</C65536>
    <C720896>Skip</C720896>
    <C786432>Replay</C786432>
    <C851968>Stop</C851968>
    ...
  </remoteCommandButtons>
  <remoteCommandRaw>
    <C9>MoreInfo</C9>
    <C36>DVDMenu</C36>
    <C37>LiveTV</C37>
    ...
  </remoteCommandRaw>
  <actionToTake>
    <MoreInfo>Help</MoreInfo>
    <Red>RedButton</Red>
    <Green>GreenButton</Green>
    ...
  </actionToTake>
```

Note that:

- Button codes and raw commands are numeric. However, XML does not allow node names to start with numbers so we have prefixed the codes with a "C".
- You can give the commands and buttons any name you like. They are used only in the actionToTake table.

Having defined buttons or commands you can then allocate them to actions implemented by the program. For example, the above settings use the MoreInfo command to execute the Help action. Pressing the 'More' button on your remote displays a help page. If you replace:

```
<MoreInfo>Help</MoreInfo>
```

with:

```
<Stop>Help</Stop>
```

the Stop button will call up help instead.

If you use both button assignments like this:

```
<MoreInfo>Help</MoreInfo>  
<Stop>Help</Stop>
```

then both keys will display help.

The Action table can also use Key codes. You can see a full list of the key names used by Microsoft at: <http://msdn2.microsoft.com/en-us/library/system.windows.forms.keys.aspx>. For example, if you want to define the right control key as the help key, use the following in the action table:

```
<RControlKey>Help</RControlKey>
```

If you define an action starting with “Send” the products will interpret it as a request to generate a keyboard character and send it to the program. The text following “Send” is converted to a SendKeys command. You can see a definition of the SendKeys syntax at www.developerfusion.co.uk/show/57/. For example:

- SendA - sends the character “A”
- Send{PGDN} - sends the page down key
- Send+{ENTER} - sends Shift-Enter.

Be careful! If you assign an action to a button and that action is to generate the button, you will force the products into an endless loop.

In the following sections we provide tables listing remote button actions and how they are implemented by each product.

Note that the following buttons work differently to the others on an MCE Remote:

- The ‘MCE’ button
- My TV
- My Music
- My Pictures
- My Videos
- Recorded TV
- Guide
- Live TV
- DVD Menu.

You can assign Ten Foot actions to these keys - and that works. However, MCE will continue to act on them even if it does not have the focus. In effect, that means the keys are dedicated to MCE.

When assigning keys, we avoided using the Play and Pause buttons. That means you can pause and resume sound from MCE while using the Ten Foot products. Feel free to use these keys if that capability is not important to you.

2 The Ten Foot Launcher

2.1 Program settings

The following settings are used by the Launcher...

Remote button action	What it does
RedButton	Clicks the red button
GreenButton	Clicks the green button
Tab	Generates a Tab key
BackTab	Generates a Back Tab (Shift-Tab) key
PageUp	Generates a PgUp key
PageDown	Generates a PgDn key

Setting	Default value	What it does
launcherLogFileName	Blank	Specify a file name to request the Launcher to log activity to the file. The log file is placed in your 'My Documents' directory. This is a useful way to check key assignments since the Launcher logs how the key assignment settings are used for each remote button you press.
launcherClickInterval	500	The number of milliseconds to wait after receiving a hot button before deciding that there will not be a second hot button. To activate the Launcher it has to see two hot button presses within the click interval.
launcherHelp	See setting file	Help text for the launcher
doNotResetSuspendStatusAfterResume	Blank	If set to Yes will prevent the Launcher from resetting the Prevent/Allow auto sleep/hibernate to Allow when you manually sleep/hibernate your PC.
timeToShowStatus	1500	Number of milliseconds to show status messages on screen
statusMessageMargin	30	Number of pixels surrounding status messages

2.2 Changing the hot buttons

The Launcher looks for hot buttons. If it sees a hot button pressed twice within the click interval defined in the settings, it activates itself.

You can define additional or alternate hot keys with the hotButtons setting. By default, we define the Menu (grey teletext button) and the Help (More button) actions as hot keys using the equivalent of this setting:

```
<hotButtons>
  <item>Menu</item>
  <item>Help</item>
</hotButtons>
```

You can define as many hot buttons as you like, but you must define at least one. Note you can select only the buttons defined in the 'remoteCommandButtons' section of the settings file as hot buttons.

We suggest you do not define any 'Send' actions for the Launcher. Because of the way the Launcher works, there is no guarantee that keys you send with this command will reach the Launcher.

2.3 Adding programs to the Launcher

We provide the following program definitions in the Launcher settings file:

```
<launchOptions>
  <option>
    <display>Run the ten foot browser</display>
    <windowTitle>Ten Foot Browser</windowTitle>
    <programLocation>c:\Program Files\CITA\Ten Foot
      Products\TenFootBrowser.exe</programLocation>
  </option>
  <option>
    <display>Run the ten foot program manager</display>
    <windowTitle>Ten Foot Program Manager</windowTitle>
    <programLocation>c:\Program Files\CITA\Ten Foot
      Products\TenFootProgramManager.exe</programLocation>
  </option>
  <option>
    <display>Run the ten foot file manager</display>
    <windowTitle>Ten Foot File Manager</windowTitle>
    <programLocation>c:\Program Files\CITA\Ten Foot
      Products\TenFootFileManager.exe</programLocation>
  </option>
</launchOptions>
```

You can add programs to the list by repeating the above in your personal settings file adding 'option' tags for each new program.

The 'display' tag defines the name of the program as shown in the Window title. The Launcher uses this name to decide if the program is already running. The Launcher activates the program if it is already running, otherwise it will run it from the specified program location.

Note that some programs like Notepad, for example, include the name of the file they are working on in at the beginning of their Window title. The Launcher knows to ignore this part of the title. Provide the unchanging part of the title in the 'display' tag.

Optionally add one or more of the following to any 'option' tag:

- `</minimise>` to run the program minimised
- `</maximise>` to run the program maximised
- `</inhibitMinimiseList>` prevents the action of the minimise list when running this program

We also provide settings that determine which programs the Launcher should minimise when it is activated or when it launches another application. The default settings are:

```
<minimiseList>
</minimiseList>
<minimiseByClassList>
  <item>eHome Render Window</item>
</minimiseByClassList>
```

The `minimiseList` setting is a list of item tags that define Windows titles in the same way as 'windowTitle' tags. The 'minimiseByClassList' setting defines programs by class name (which are usually more unique than window titles). The main MCE window has class name 'eHome Render Window'. We minimise it because, otherwise, it interferes with the operation of other programs.

2.4 Act on the 'eHome' button

The 'eHome' button is The Big Green Button in the centre of your remote. If you have Windows XP Media Center Edition (MCE) or one of the Windows Vista options that supports Vista Media Center then pressing this button invokes the Media Center. You cannot override this action. However, you can:

- Implement an alternate action if Media Center is not supported on your version of Windows
- Run an additional program when you press the eHome button

To run a program when eHome is pressed, add an `<eHomeLaunch>` node. The contents of this node are the same as an `<option>` node (see previous section).

2.5 Regionalisation

Use the following settings to regionalise the Launcher...

Button name	Default value
TFLRed	No action
TFLGreen	Launch selected option

Text name	Default value
TFL1	Close down the launcher
TFL2	Unable to activate or run the selected option
TFL3	Press OK or Enter to confirm shut down
TFL4	Version
TFL5	Help with using the launcher
TFL6	Prevent auto sleep/hibernate
TFL7	Allow auto sleep/hibernate

3 The Ten Foot Browser

3.1 Program settings

The following settings are used by the Browser...

Remote button action	What it does
RedButton	Clicks the red button
GreenButton	Clicks the green button
YellowButton	Clicks the yellow button
BlueButton	Clicks the blue button
Tab	Generates a Tab key
BackTab	Generates a Back Tab (Shift-Tab) key
PageUp	Generates a PgUp key
PageDown	Generates a PgDn key
Help	Shows help page
Menu	Calls up the Browser menu
ZoomIn	Magnifies web pages
ZoomOut	Makes web pages smaller
Stop	Stops the browser from retrieving page data
Back	Goes back to the previous page shown by the browser

Setting	Default value	What it does
timeToShowStatus	1500	Number of milliseconds to show status messages on screen
statusMessageMargin	30	Number of pixels surrounding status messages
suppressScriptErrors	Yes	If "Yes", requests Internet Explorer to suppress all error messages generated by scripts plus other 'popup' messages including user ids and password requests. If "No", 'Popup' messages are not suppressed and user id and password requests are honoured.

HideMenuBackground	No	If "Yes" displays the menu without a background colour (can cause programs when the menu loses and regains the focus)
dataEntryHelp	See setting file	Help text for the data entry window
useDataHistoryHelp	See setting file	Help text for the use data history window
newAddressHelp	See setting file	Help text for the new address window
favouritesHelp	See setting file	Help text for the favourites window
trimFavouritesHelp	See setting file	Help text for the trim favourites window
urlHistoryHelp	See setting file	Help text for the URL history window
trimURLHistoryHelp	See setting file	Help text for the trim URL history window
useFragmentHelp	See setting file	Help text for the use fragment window
managePopupsHelp	See setting file	Help text for the manage popups window
keyCycleInterval	2000	Number of milliseconds to wait before accepting a new character in the 'triple tap' screens.
helpPageOpacity	75	Percentage opacity of the help pages - 100 means you cannot see any of the underlying page through the help page.
helpPageColour	0 (Black)	Background colour of help pages
helpStatusColour	FFFFFF (White)	Colour of status page text
helpPageBaseFont	24	Size of the font as shown on a 640 x 480 pixel screen (automatically adjusts to screen size)
helpColour	FFFF00 (Yellow)	Colour of help page text

newAddressPageOpacity	80	Percentage opacity of the new address window - 100 means you cannot see any of the underlying page through the window
trimURLHistoryPageOpacity	80	Percentage opacity of the URL history window
defaultDaysOfURLHistoryToDelete	14	The trim URL history page suggests a date for removing URL history. This setting determines how many days ago the date should be.
remoteMousePointsToMove	5	Number of points to move the cursor for each press of the up, down, left and right arrows

3.2 Regionalisation

The following sections describe the settings that allow you to regionalise the Browser. We provide a separate section for each window displayed by the Browser.

3.2.1 Main window

Text name	Default value
main1	Your favourites (status message)
main2	Popup denied
main3	Back (status message)
main4	No previous page
main5	Enter (status message)
main6	Full refresh (status message)
main7	Refresh (status message)
main8	Stop (status message)
main9	Click to see menu, right click for help
main10	Going to (followed by “:” and the page URL)
main11	At page (followed by “:” and the page URL)
main12	Status (followed by “:” and the page status)
main14	Browser is offline
main15	Program version (followed by “:” and the version number)
main17	You do not have a home page

main18	Cancelled
main19	Fragment added for your use
main20	Your home page is updated
main21	Your favourites have been updated
main24	There is no active element
main25	Press OK or Enter to exit
main26	You might not be in a data entry field, use OK/Enter to proceed anyway
main28	Fragment added for your use
main29	Zoom (followed by zoom percentage)
main30	Your favourites (used in favourites page)
main31	You do not currently have a home page
main32	You do not currently have any favourites
main33	Delete this favourite
main34	date (used in URL history page)
main35	title (used in URL history page)
main36	URL (used in URL history page)
main37	Your history sorted by
main38	You do not currently have any history available
main39	Delete this entry
main40	Handled error (followed by “.” and the error message)
main41	Attempt to close window disallowed

3.2.2 Status pages

When you press the 'Help' button or the F1 key at the main Browser page, the system displays a status page followed by help pages defined in the settings. Help pages are defined in the 'helpPages' setting which contains an 'item' tag for each page. We use 'CDATA' XML definitions for the help pages because they make it easier to lay them out. See the supplied settings file to see an example of how to use CDATA definitions.

Text name	Default value
moreInfo1	Use left and right arrows to see more. Any non-movement key to exit.

3.2.3 Menu

Button name	Default text
menuRed1	Exit the browser
menuGreen1	Remote mouse
menuYellow1	Data entry
menuBlue1	Go to address
menuRed2	Stop
menuGreen2	Refresh
menuYellow2	Home
menuBlue2	Back
menuRed3	History
menuGreen3	Favourites
menuYellow3	Popups
menuBlue3	Make this page your home
menuRed4	Status
menuYellow4	Minimise browser
menuGreen4	Highlight cursor
menuGrey	Exit menu

3.2.4 Data entry

The Browser uses a 'keysDataEntry' setting to determine which characters are generated by each numeric button on your remote. You can define multiple registers. You switch registers with the PageUp and PageDown action buttons. For example you can define lower case characters on one register and upper case characters on another.

The 'registerCount' tag determines the number of registers.

You then need to define a 'keynRegm' tag for each number key in each register where *n* is the key number (0 to 9) and *m* is the register number (the first register is 1, the second is 2, and so on).

Within the 'keynRegm' tag define the characters to be generated by successive presses of the associated number button. Note that keys that have a special meaning in XML, such as <, > and & are best defined in a CDATA section.

See the supplied settings file for an example.

Button name	Default text
dataEntryRed	Cancel
dataEntryGreen	Insert
dataEntryYellow	Insert new line
dataEntryBlue	Use history

3.2.5 Use data history

Button name	Default text
useDataHistoryRed	Exit
useDataHistoryGreen	Use highlighted text
useDataHistoryYellow	Show history for all pages
useDataHistoryBlue	Delete highlighted text

Text name	Default value
useDataHistory1	No data entry history available
useDataHistory2	No data entry history for this page
useDataHistory4	Press OK or Enter to confirm deletion
useDataHistory5	History item deleted

useDataHistory7	History item deleted, now showing all history
useDataHistory8	Show history for this page (Yellow button text)
useDataHistory9	Show history for all pages (Yellow button text)

3.2.6 Favourites

Button name	Default text
favouritesRed	Show favourites by title
favouritesGreen	Show favourites by URL
favouritesYellow	Add current page to favourites
favouritesBlue	Trim

3.2.7 Trim favourites

Button name	Default text
trimFavouritesRed	Exit
trimFavouritesGreen	Delete highlighted favourite

Text name	Default value
trimFavourites1	Press OK or Enter to confirm deletion
trimFavourites2	Favourite deleted
trimFavourites3	No favourites available

3.2.8 New address

The Browser uses a 'keysAddress' setting to determine which characters are generated by each numeric button on your remote. See the 'Data entry' section above for a description of how the setting works.

Button name	Default text
newAddressRed	Cancel
newAddressYellow	Add as a fragment
newAddressBlue	Use a fragment

Text name	Default value
newAddress1	Get previous address
newAddress2	Go

3.2.9 Use fragment

Button name	Default text
useFragmentRed	Exit
useFragmentGreen	Use highlighted fragment
useFragmentYellow	Delete highlighted fragment

Text name	Default value
useFragment1	Press OK or Enter to confirm deletion
useFragment2	Fragment deleted
useFragment3	No fragments available

3.2.10 URL history

Button name	Default text
urlHistoryRed	Show URL history by date
urlHistoryGreen	Show URL history by title
urlHistoryYellow	Show URL history by URL
urlHistoryBlue	Trim

3.2.11 Trim URL history

Button name	Default text
trimURLHistoryRed	Exit
trimURLHistoryGreen	Delete history prior to this date
trimURLHistoryYellow	Delete all history

Text name	Default value
trimURLHistory1	Press OK or Enter to delete all URL history
trimURLHistory2	All URL history deleted
trimURLHistory3	URL history prior to specified date deleted
trimURLHistory4	press OK or Enter to delete URL history before given date

3.2.12 Manage popups

Button name	Default text
managePopupsRed	Exit
managePopupsBlue	Allow denied popup

Text name	Default value
managePopups1	Default action is
managePopups2	Deny
managePopups3	Allow popups by default
managePopups4	Allow
managePopups5	Deny popups by default
managePopups6	This site denies popups
managePopups7	Allow popups in this site
managePopups8	This site allows popups
managePopups9	Follow default for this site
managePopups10	This site follows default action
managePopups11	Deny popups in this site
managePopups12	There is no current site
managePopups14	Last denied popup

4 The BitTorrent client

4.1 Program settings

The client comprises two programs:

1. The main client program: TenFootBTClient.exe
2. A handler for .torrent files: TFBT

In the sections that follow, settings starting TFBT are the ones that relate to TFBT.exe. TFBT also shares the torrentFolder setting with the client.

The following settings are used by the BitTorrent client programs...

Remote button action	What it does
RedButton	Clicks the red button
GreenButton	Clicks the green button
YellowButton	Clicks the yellow button
BlueButton	Clicks the blue button
Tab	Generates a Tab key
BackTab	Generates a Back Tab (Shift-Tab) key
PageUp	Generates a PgUp key
PageDown	Generates a PgDn key
Help	Shows help pages
Menu	Closes subsidiary windows
Back	Closes subsidiary windows
PreviousTorrent	Switches between torrents when running more than one
NextTorrent	Switches between torrents when running more than one

Setting	Default value	What it does
statusMessageMargin	30	Number of pixels surrounding status messages
torrentFolder	BitTorrents subfolder to the user's 'My documents' folder. Used to store .torrent and downloaded files.	
completedTorrentFolder	Completed Downloads subfolder to torrentFolder. Used to store downloaded folders and files (unless matched by completedDownloadLocations).	
completedDownloadLocations	Contains a node for each recognised extension in lower case (e.g. <avi>) the contents of the node is the download folder for all files having that extension.	
deleteTorrentsAfterDays	14	The number of days to keep details of finished downloads in the settings file.
helpPageOpacity	75	Percentage opacity of the help pages
helpPageColour	0 (Black)	Background colour of help pages
helpStatusColour	FFFFFF (White)	Colour of status page text
helpPageBaseFont	24	Size of the font as shown on a 640 x 480 pixel screen (automatically adjusts to screen size)
helpColour	FFFF00 (Yellow)	Colour of help page text
TFBTClientWindowName	BitTorrent Client	
TFBTClientNeedsDirectory	Blank	A non blank value provides the address of a directory that should be current when running the client
TFBTClientFullPath	TenFootBTClient.exe in the same directory as TFBT.	

4.2 Regionalisation

Use the following settings to regionalise the BitTorrent client programs...

Button name	Default text
mainRed	Exit
mainGreen	Tuning
mainYellow	Change status
tuningRed	Exit without change
tuningGreen	Toggle Yes/No
tuningYellow	Complete your changes
tuningBlue	More settings
statusRed	Back
status1	Restart
status2	Delete
status3	Resume
status4	Stop
status5	Pause
status6	Resuscitate
TFBTRed	Close

Text name	Default value
main1	Starting up
main2	Looking for .torrent files in folder
main3	Press OK or Enter to confirm shut down
main6	This download is invalid
main7	Problem is (followed by : and the problem)
main8	Press OK or Enter to confirm deletion
main9	This download is cancelled

main10	Processing is stopped by a stop.torrent file in folder (followed by : and torrent folder)
main11	Not accepting new torrents for now
main12	Processing is suspended by a nonew.torrent file in folder (followed by : and torrent folder)
main15	Average download speed (followed by : and a speed)
main16	Average upload speed (followed by : and a speed)
main17	This download finished at (followed by : and a time)
main18	Seeding finished at (followed by : and a time)
main19	This download has been deleted
main20	Waiting for current download(s) to complete
main21	Closing down...
basics1	Status (followed by : and the torrent status)
basics2	Share ratio (followed by : and a share ratio)
basics3	Est. completion in (followed by : and an interval)
basics4	at (followed by a time)
basics5	hour
basics5a	hours
basics6	minute
basics6a	minutes
basics7	second
basics7a	seconds
basics8	Download rates...
basics9	Current (followed by : and a rate)
basics10	Average (followed by : and a rate)
basics11	Upload rates...
basics12	Limit (followed by : and a rate)
basics14	Elapsed time (followed by : and an interval)

basics15	Downloading took (followed by : and an interval)
basics16	Total time (followed by : and an interval)
basics17	Low (followed by : and the number of screen refreshes at the low rate)
basics18	day
basics18a	days
torrent1	Extracts to
torrent2	Pieces (followed by : and a count of pieces)
torrent3	Size (followed by : and a piece size)
torrent4	Total (followed by : and the total download size)
torrent5	Downloaded data (followed by : and a size)
torrent6	Finished (followed by : and a time)
torrent7	Uploaded data (followed by : and a size)
torrent8	Started (followed by : and a time)
torrent9	at (followed by a progress percentage)
torrent10	complete
torrent11	files in folder
torrent12	file
torrent14	Restarted (followed by : and a time)
torrent15	Corrupt packets received (followed by : and a count)
swarm1	Seeds...
swarm2	Swarm
swarm3	Connected (followed by : and a count)
swarm4	Interested (followed by : and a count)
swarm5	Unchoked (followed by : and a count)
swarm6	Leechers...
swarm7	Requesting (followed by : and a count)
swarm8	Peers...

swarm9	Average completion (followed by : and a percentage)
swarm10	Max completion (followed by : and a percentage)
tuning1	Yes
tuning2	No
tuning3	Maximum download rate...
tuning4	Maximum upload rate...
tuning5	BitTorrent port number...
tuning6	Use Universal Plug 'n Play
tuning7	Remove UPnP connection at the end
tuning8	Stay awake while downloading
tuning9	Stay awake while seeding
tuning10	Less than 100% is unsociable
tuning11	Stop seeding after...
tuning12	ticks at low upload rate
tuning13	Low upload rate is...
tuning14	Automatically resuscitate after...
tuning15	ticks at low download rate
tuning16	Low download rate is...
tuning17	Maximum concurrent downloads...
tuning18	Refresh progress display every...
tuning19	seconds = 1 'tick'
tuning20	Save progress to disk every...
tuning21	ticks
tuning22	Keep a log of all activity
tuning23	Update the log every...
tuning24	ticks
tuning25	Maximum concurrent uploads per torrent...

tuning26	Maximum connections per torrent...
tuning27	Bandwidth share factors...
tuning28	Tune BitTorrent client settings
moreInfo1	Use left and right arrows to see more. Any non-movement key to exit.
TFBT1	The BitTorrent handler is either not installed or not fully installed.
TFBT2	Do you want to install it now?
TFBT3	Registry setup
TFBT4	The BitTorrent handler has not been fully installed. To complete installation, rerun the handler.
TFBT5	Problem updating the registry. The Ten Foot BitTorrent handler is not fully installed. Re-run this program to retry installation.
TFBT6	Problem is (flowed by : and the problem description)
TFBT7	The Ten Foot BitTorrent handler has been installed successfully.
TFBT8	The Ten Foot BitTorrent handler was already installed correctly. No change needed.
TFBT9	Problem encountered when copying file (followed by : and file name)
TFBT10	to (followed by : and file name)
TFBT11	That torrent has already been submitted, no action taken
TFBT12	Problem encountered reading file (followed by : and file name)
TFBT14	Problem encountered creating directory (followed by : and directory name)
TFBT15	Problem encountered when running program (followed by : and program name)
TFBT16	Version (followed by : and version number)
TFBT17	Problem encountered when changing current directory to (followed by : and directory name)
TFBT18	Window will close in (followed by number of seconds)
TFBT19	seconds
TFBT20	This torrent has been submitted for processing (followed by : and torrent file name)

5 The Ten Foot Mail Reader

5.1 Program settings

The following settings are used by the Mail Reader...

Remote button action	What it does
RedButton	Clicks the red button
GreenButton	Clicks the green button
YellowButton	Clicks the yellow button
BlueButton	Clicks the blue button
Tab	Generates a Tab key
BackTab	Generates a Back Tab (Shift-Tab) key
PageUp	Generates a PgUp key
PageDown	Generates a PgDn key
Help	Shows help pages
Menu	Displays/hides the buttons when viewing the text of an Email
ZoomIn	Magnifies the text of an Email
ZoomOut	Makes the text of an Email smaller
Back	Takes you back to the previous screen in a sequence

Setting	Default value	What it does
timeToShowStatus	1500	Number of milliseconds to show status messages on screen
statusMessageMargin	30	Number of pixels surrounding status messages
formEntryPageOpacity	100	Percentage opacity of the forms used to collect information about Email accounts
keyCycleInterval	2000	Number of milliseconds to wait before accepting a new character in the 'triple tap' screens.

Pop3Timeout	60,000	Number of milliseconds to wait before giving up on a POP3 server
showStatisticsOpacity	100	Percentage opacity of the screen telling you how many Emails are waiting for you - 100 means you cannot see any of the underlying page through the help page
helpPageOpacity	75	Percentage opacity of the help pages
helpPageColour	0 (Black)	Background colour of help pages
helpStatusColour	FFFFFF (White)	Colour of status page text
helpPageBaseFont	24	Size of the font as shown on a 640 x 480 pixel screen (automatically adjusts to screen size)
helpColour	FFFF00 (Yellow)	Colour of help page text

The Mail Reader uses 'formElement' definitions to determine how to display the forms that capture account information. These elements are mandatory and the program will fail if they are not present. However, you might want to use the regional settings file to change the helpPrompt data to adapt the program to a different language.

5.2 Regionalisation

Use the following settings to regionalise the Mail Reader...

Button name	Default text
mainRed	Exit
mainGreen	Show Emails
mainYellow	Add Email account
mainBlue	Change details
showStatisticsRed	Cancel
showStatisticsGreen	Get Emails
showTitlesRed	Exit
showTitlesGreen	Show Email
showTextRed	Exit
formEntryRed	Cancel

formEntryGreen	OK
----------------	----

Text name	Default value
main1	Press OK or Enter to confirm shut down
main2	Account entry cancelled
main3	Account title is mandatory
main4	Account address is mandatory
main6	Account id is mandatory
main7	Response must be Y or N
main8	Port number is mandatory
main9	Invalid port number
main10	Account added
main11	Invalid password
main12	Account updated
main14	Account deleted
main15	Account title cannot duplicate an existing one
main16	Keep existing password
showStatistics1	Getting Email information
showStatistics2	Problem connecting
showStatistics3	Problem retrieving statistics
showStatistics4	Number of Emails
showStatistics5	Total size
showStatistics6	Messages read
showStatistics7	Size read
showTitles1	Message text is not available
showTitles2	<Delete>
showTitles3	Mark highlighted for deletion

showTitles4	Unmark highlighted for deletion
showTitles5	Deleting Email
showTitles6	No plain text found in this Email
showTitles7	From
showTitles8	To
showTitles9	Number of attachments
showTitles10	Subject
showTitles11	Unable to retrieve this Email, sorry.
showTitles12	Sent
showText1	Press More or F1 for help
showText2	Do not wrap text
showText3	Wrap text

6 The Ten Foot Program Manager

6.1 Program settings

The following settings are used by the Program Manager...

Remote button action	What it does
Tab	Switches from the left pane to the right, and vice versa
BackTab	Switches from the left pane to the right, and vice versa
PageUp	Generates a PgUp key
PageDown	Generates a PgDn key
Help	Displays the help page
Refresh	Rebuilds the right hand pane

Setting	Default value	What it does
timeToShowStatus	1500	Number of milliseconds to show status messages on screen
statusMessageMargin	30	Number of pixels surrounding status messages
commandPanelWidth	130	Width of the left hand, command panel in pixels. NB this is applied to the base screen size designed for a 640 by 480 pixel display. The panel width is automatically resized to the actual display dimensions.
HelpPageOpacity	75	Percentage opacity of the help pages - 100 means you cannot see any of the underlying page through the help page.
HelpPageColour	0 (Black)	Background colour of help pages
helpStatusColour	FFFFFF (White)	Colour of status page text
helpPageBaseFont	24	Size of the font as shown on a 640 x 480 pixel screen (automatically adjusts to screen size)
helpColour	FFFF00 (Yellow)	Colour of help page text

6.2 Regionalisation

Use the following settings to regionalise the Program Manager...

Text name	Default value
main1	Activate
main2	Minimise
main3	Maximise
main4	Close
main5	Refresh
main6	Close TFPM
main7	Press OK or Enter to confirm shut down
main8	It appears that window is no longer available
main9	That window is already minimised
main10	Window minimised
main11	It appears that window is already closed
main12	Window closing
main14	Version
main15	Help
main16	Restore

7 The Ten Foot File Manager

7.1 Program settings

The following settings are used by the File Manager...

Remote button action	What it does
Tab	Switches from the left pane to the right, and vice versa
BackTab	Switches from the left pane to the right, and vice versa
PageUp	Generates a PgUp key
PageDown	Generates a PgDn key
Help	Displays the help page
Refresh	Rebuilds the right hand pane
Back	Returns to the previous view/folder
NextWindow	Goes to the next window in the: Drives; Folders; Files and Favourites sequence.
PreviousWindow	Goes to the next window in the: Favourites; Files; Folders; and Drives sequence.
RedButton	Clicks the red button
GreenButton	Clicks the green button

Setting	Default value	What it does
timeToShowStatus	1500	Number of milliseconds to show status messages on screen
statusMessageMargin	30	Number of pixels surrounding status messages
commandPanelWidth	130	Width of the left hand, command panel in pixels. NB this is applied to the base screen size designed for a 640 by 480 pixel display. The panel width is automatically resized to the actual display dimensions.
NumberOfHistoryPages	50	The maximum number of pages of history that you can go back to with your Back button.
ShowHiddenFolders	No	If no, the File Manager does not show folders marked

		as hidden.
ShowHiddenFiles	No	If no, the File Manager does not show files marked as hidden.
RenamePageOpacity	100	
keyCycleInterval	2000	Number of milliseconds to wait before accepting a new character in rename screen.
HelpPageOpacity	75	Percentage opacity of the help pages - 100 means you cannot see any of the underlying page through the help page.
HelpPageColour	0 (Black)	Background colour of help pages
helpPageBaseFont	24	Size of the font as shown on a 640 x 480 pixel screen (automatically adjusts to screen size)
helpColour	FFFF00 (Yellow)	Colour of help page text

The Browser uses a 'keysRename' setting to determine which characters are generated by each numeric button on your remote when naming or renaming . See the 'Data entry' section above for a description of how the setting works.

You can also use an 'extensions' setting to define the action(s) to take when you choose to Run a file with the File Manager. The extensions section looks like this:

```
<extensions>
  <html>
    <action></action>
    <description>Show</description>
  </html>
  <html>
    <action>c:/windows/notepad.exe "&amp;1"</action>
    <description>Edit</description>
  </html>
</extensions>
```

This defines two actions for files ending in .html (or .HTML or any other combination of upper and lower case). The first defines an empty action tag. This instructs the File Manager to use the default Windows action. The second instructs the File Manager to call up Note pad with the file name as parameter (denoted by &1 - which is translated by XML into &1 as used in Windows definitions). The description tags describe each action. You will see these in the screen that asks you to choose an action if there is more than one action defined for a file extension.

7.2 Regionalisation

Use the following settings to regionalise the File Manager...

Button name	Default value
renameRed	Cancel

Text name	Default value
main1	Drives
main4	Top folder
main5	Refresh
main6	Close TFFM
main7	Press OK or Enter to confirm shut down
main8	Drive is not ready
main9	Folders
main10	Files
main11	Favourites
main14	Show folder
main15	Show parent
main16	Paste
main17	Deselect all
main18	Copy
main19	Cut
main20	Select all
main21	Delete
main22	No favourites
main23	That folder is not available
main24	This folder's parent is not available
main25	Cut pending

main26	Copy pending
main27	(De)select
main28	Cannot paste, folder no longer available
main29	Problem (followed by “:” and problem description)
main30	Paste complete
main31	Cannot delete, folder no longer available
main32	Rename
main33	Press OK or Enter to confirm deletion
main34	Processing (followed by “:” and the file or folder being processed)
main35	Deletion complete
main36	Folder has been renamed
main37	Run
main38	Cannot paste, file no longer available
main39	Cannot delete, file no longer available
main40	File has been renamed
main41	Press OK or Enter to run this file
main42	Execution started
main43	Show favourite
main44	Show drives
main45	Favourites updated
main46	There is no previous page to go back to
main47	Version
main48	Cannot paste, not cutting or copying
main49	Help
main50	Create new
main51	Folder has been created
main52	That folder already exists

main53	Drive appears to be unavailable
main54	Option
main55	Favourite has been renamed
main56	Favourite no longer exists
rename1	Rename
rename2	Create new