

KIOSK INFO

USEFUL INFORMATION, HELP AND TIPS

Kiosk Browser

Contact Andy Powell via Android Market.

The Kiosk Browser is a web browser that will operate in kiosk mode on an android device. You can find it by searching the Android Market for **Kiosk Browser** or by using the QR Code on the right side of this page.



The last version saw some rearrangement of the settings screens and the addition of a **Labs** section. This is where **experimental** options will appear until they are regarded as stable and working. You may use these options but you should be aware that they are experimental, may be broken or may not behave as expected.



The latest version of Kiosk Browser contains some options that need particular care to be taken when using them to prevent locking your phone or tablet. There are safeguards but you should exercise caution when using them.

KIOSK OPTIONS

When Kiosk Browser is installed you may be prompted to pick a **Home screen launcher** application when you press the home key on your device, an example of such is in the diagram to the right. It is important that at this stage, unless you know what you are doing, you should pick **“Use by default for this action”** and then pick your **normal** Home Screen launcher (usually called Launcher). Later on we’ll go through setting Kiosk Browser as the default launcher so that when a user presses the Home button they end up back in Kiosk Browser and can’t escape back to the standard desktop.

Click this **before** selecting your standard Launcher

Complete action using



Kiosk Browser



Launcher



SPB Shell 3D



Use by default for this action.

If you make a mistake here you can, at this point, fix it by using the **PLATFORM SETTINGS** menu option in Kiosk Browser, Selecting **APPLICATIONS** browsing to **KIOSK BROWSER**, selecting it and then picking **CLEAR DEFAULTS** at the bottom of the application detail page.

As you may have guessed, we can use Kiosk Browser as a default home screen for locking down a kiosk device or as a standalone application. It’s worth pointing out that Kiosk Browser can be made to launch applications via javascript in your web pages if you want so you can still give your users access to specific applications.

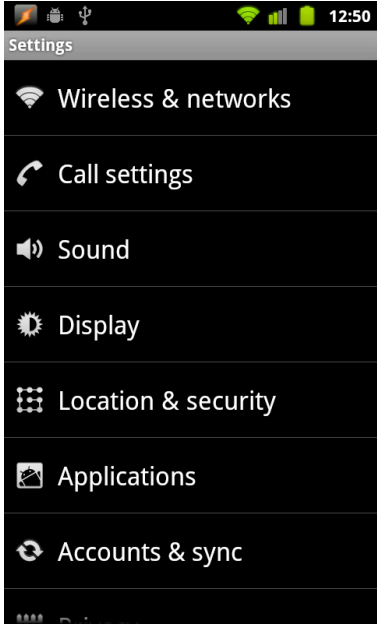
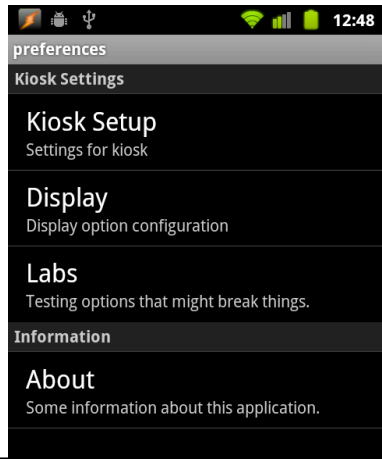


Menus

The Kiosk Browser has a menu that can be accessed on your device by pressing the physical menu button or in the case of Honeycomb and Ice Cream Sandwich via the onscreen menu button. There are two menu options, Platform Settings and Preferences:

Platform Settings:

The Platform Settings are the standard settings for the device that the Kiosk Browser is running on. This menu becomes important if you make Kiosk Browser run as the Home Screen.



Preferences:

This menu will allow you to configure the Kiosk Browser settings for your environment.

Preferences Layout

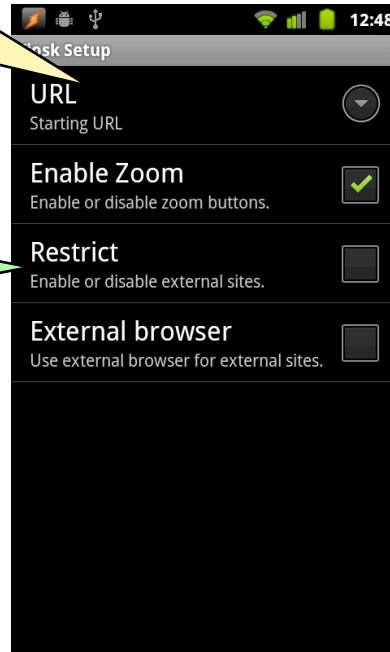
Below is a diagram showing where the menu options are located. It should all be fairly clear but may serve as a reference as you familiarise yourself with Kiosk Browser



Kiosk Setup

Define the URL where Kiosk Browser starts from when launched

When enabled, restricts access to pages on the host defined in the URL. This does **not** restrict **content** in a page.



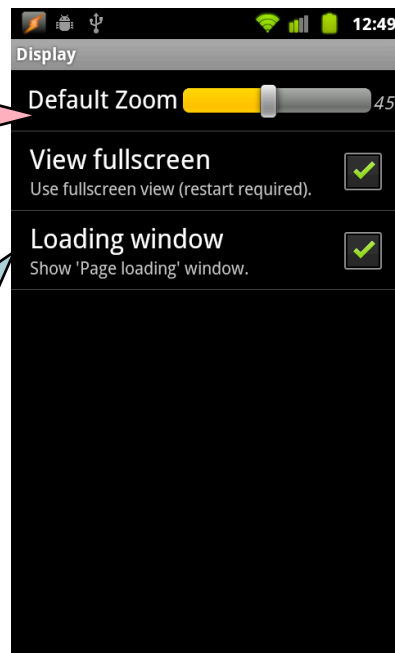
When enabled, allows the end user to zoom in or out of a web page

If selected will open pages not based on the URL in the default system browser.

Display

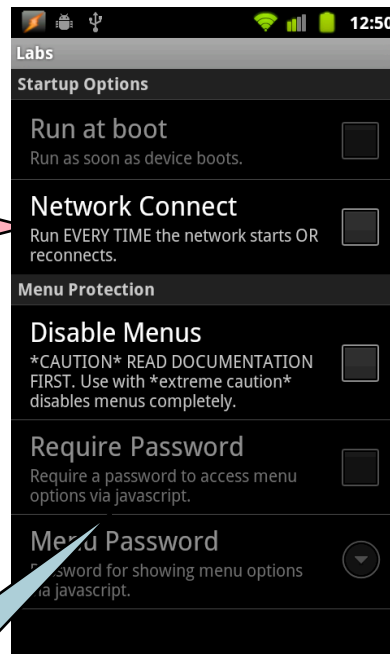
Sometimes you'll want to force the scale of a web page. You can scale it using the slider with a value from 0%-100%

Activates a **Loading page** pop up window to show the user that there is something going on. This is a blocking window, users will not be able to interact with Kiosk Browser until it is removed when the page load is complete



Forces Kiosk Browser to take over as much of the screen as possible - Devices running Honeycomb or better may force this to be smaller than the physical size of the screen

Labs - Experimental Stuff



This will cause Kiosk Browser to start every time the network connection goes up or down. Useful as an option for kiosks that have no on screen home and menu buttons, also works to allow Kiosk Browser to start at boot. An alternative to making Kiosk Browser the default Home Screen

Some options are greyed out, these are unavailable and may or may not be implemented

This will disable access to the **Preferences** and **Platform Settings** menu options.

Be very very careful with this, especially if you have set Kiosk Browser to be your default home screen

Usually this would only be switched on at final deployment.

In Page Javascript Control

Kiosk Browser allows you to use special Javascript commands within you web pages to interact with the device it is running on. The next page shows the currently available list of commands, a quick explanation and an example of how to use it. All commands are preceded with the word **Kiosk** followed by a dot then the command, for example

```
Kiosk.clearCaches();
```

Command List

COMMAND	USAGE	DESCRIPTION
goBack	<code><input type="button" value="Back" onClick="Kiosk.goBack(); return false;" /></code>	Go back one page
goForward	<code><input type="button" value="Forward" onClick="Kiosk.goForward(); return false;" /></code>	Go forward one page.
reload	<code><input type="button" value="Reload" onClick="Kiosk.reload(); return false;" /></code>	Reload the page.
stop	<code><input type="button" value="Stop" onClick="Kiosk.stop(); return false;" /></code>	Stop loading the page.
endApp	<code><input type="button" value="Restart" onClick="Kiosk.endApp(); return false;" ></code>	Shuts down and restarts the application.
clearCaches	<code><input type="button" value="Clear cache" onClick="Kiosk.clearCaches(); return false;" /></code>	Clear cache, history and form history.
showTitleBar	<code><input type="button" value="With title" onClick="Kiosk.showTitlebar(); return false;" ></code>	Shows the title bar (disable full screen mode) - requires a restart to take effect. This gets SAVED in settings.
hideTitleBar	<code><input type="button" value="Fullscreen" onClick="Kiosk.hideTitlebar(); return false;" ></code>	Hides the title bar (full screen mode) - requires a restart to take effect. This gets SAVED in settings.
showToast	<code><input type="submit" value="Android app interface" onClick="Kiosk.showToast('Hell!'); return false;" ></code>	Displays a message on screen.
launch	<code><input type="button" value="Launch" onClick="Kiosk.launch('fm.last.android','fm.last.android.LastFm'); return false;" ></code>	Launch another application that is installed on the device.
showPreferences	<code><input type="button" value="Preferences" onClick="Kiosk.showPreferences(); return false;" /></code>	Show the preferences screen.
platformSettings	<code><input type="button" value="Settings" onClick="Kiosk.platformSettings(); return false;" /></code>	Show the platform settings screen.
enableMenus	<code><input type="button" value="Enable Menus" onClick="Kiosk.enableMenus(); return false;" /></code>	Enable the preferences and platform settings menus. This gets SAVED in settings.
disableMenus	<code><input type="button" value="Disable Menus" onClick="Kiosk.disableMenus(); return false;" /></code>	Disable the preferences and platform settings menus. This gets SAVED in settings.