GOWARRIOR

GoDroid

GoDroid

Application Notes

Kodi Installation and Use

v1.1

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Preface

Overview

This manual mainly describes the guidance on installing and using Kodi (formerly known as XBMC). This manual includes introduction to Kodi installation, basic control, adding files to play and add-on manager etc. This manual is organized into the following chapters:

- **Chapter 1 Introduction**

This chapter provides details about how to install and uninstall Kodi.

- **Chapter 2 Basic Controls**

This chapter gives compact description on frequently used controls of Kodi.

- **Chapter 3 Adding Files**

This chapter provides information about how to add files to Kodi media libraries.

- **Chapter 4 Remote Controls**

This chapter gives insight about which remote controls could be compatible with Kodi.

- **Chapter 5 Add-on Manager**

This chapter gives general overview on add-on concept of Kodi and describes how to install add-ons.

Audience

This manual is primarily written to provide complete guidance for those who wants to exploit the GoWarrior platform, such as makers, tinkers, innovators, students, etc.

Applicable Products

This manual is applicable for the GoWarrior TIGER Board.

Reference Documents

- GoWarrior_GoDroid_Release Notes
- GoWarrior_GoDroid_Compiling Server Installation and Configuration Guide
- GoWarrior_GoDroid_Developer Guide

Conventions

Typographical Conventions

Item	Format
codes, keyboard input commands, file names, equations, and math	Courier New, Size 10.5
Variables, code variables, and code comments	*Courier New, Size, Italic*
Menu item, buttons, tool names	Ebrima, Size 10.5, Bold e.g. Select USB Debugging
Screens, windows, dialog boxes, and tabs	**Ebrima, Size 10.5, Bold** **Enclosed in double quotation marks** **e.g. Open the "Debug Configuration" dialog box**

Table 1. Typographical Conventions

Symbol Conventions

Item	Description
Caution	Indicates a potential hazard or unsafe practice that, if not avoided, could result in data loss, device performance degradation, or other unpredictable results.
Note	Indicates additional and supplemental information for the main contents.
Tip	Indicates a suggestion that may help you solve a problem or save your time.

Table 2. Symbol Conventions

How to Contact Us

Submit all your comments and error reports to the author at:

info@gowarriorosh.com

Tel: +886-2-8752-2000

Fax: +886-2-8751-1001

For questions regarding GoWarrior, contact our support team at the email listed below:

support@gowarriorosh.com

1 Installation

This chapter gives information about how to install Kodi, manually from an APK file.

1.1 Enabling Installation

Here's how to install Kido from an .APK file. This is commonly known as "sideloading".

Procedure:

1. First locate the settings menu on your Android device and search for the "**security**" option.

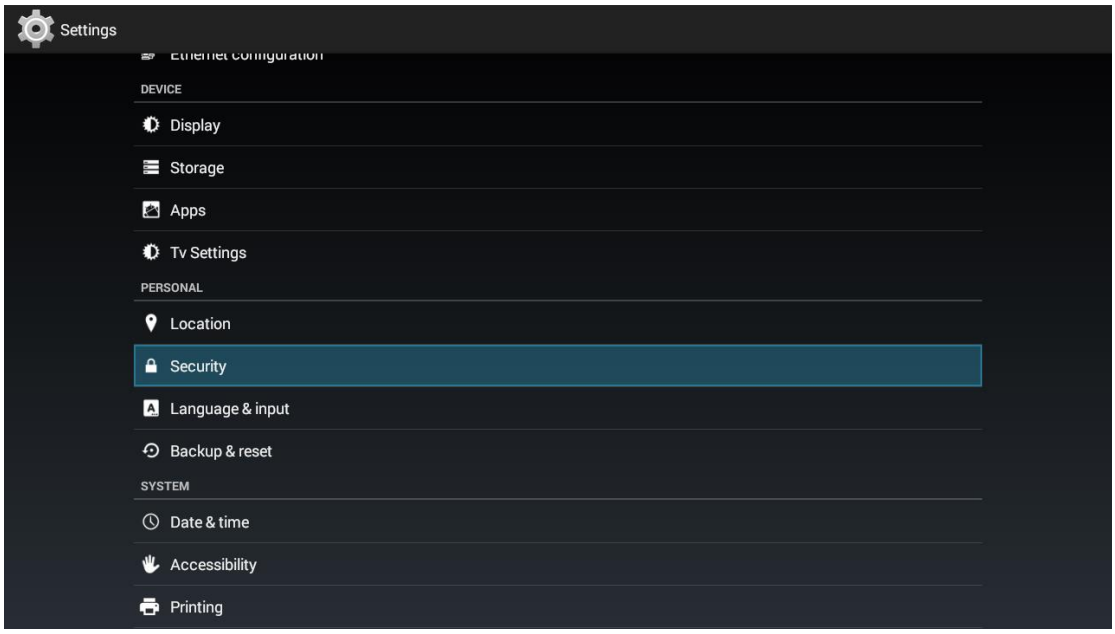

Figure 1. Settings Interface

2. Now enable "**Unknown sources**". This will allow you to directly install Kodi quickly.

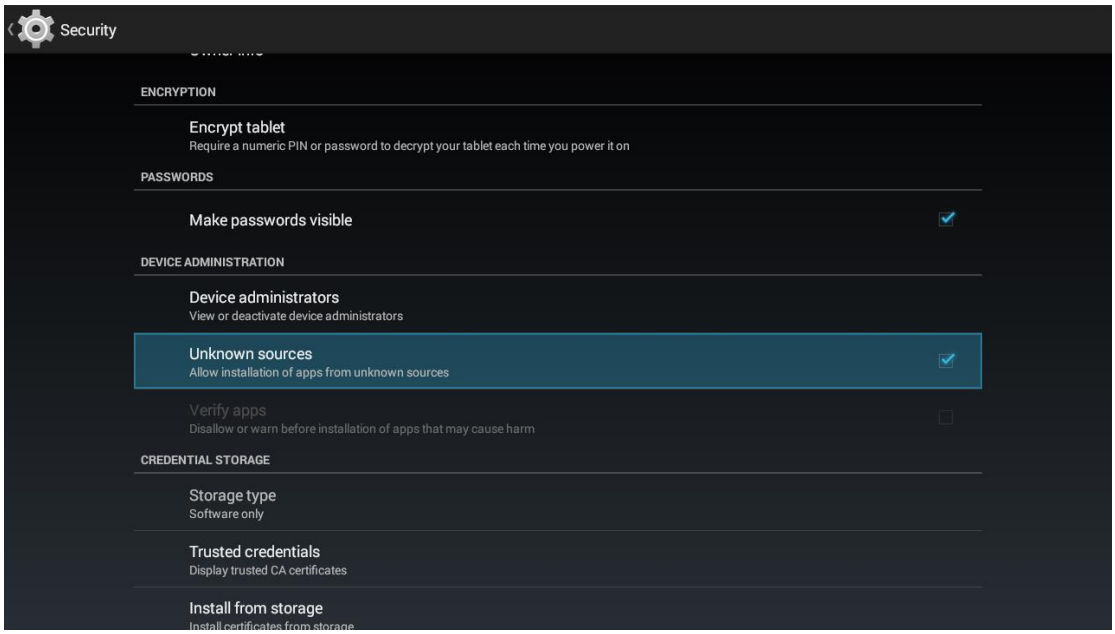

Figure 2. Security Setting

1.2 Installation

Installing the Kodi App package is as simple as downloading apk and opening it up. You can perform this function either through the download menu in the web browser or by selecting it with a file explorer.

Procedure:

1. You will get a confirmation screen where have to select "**install**".

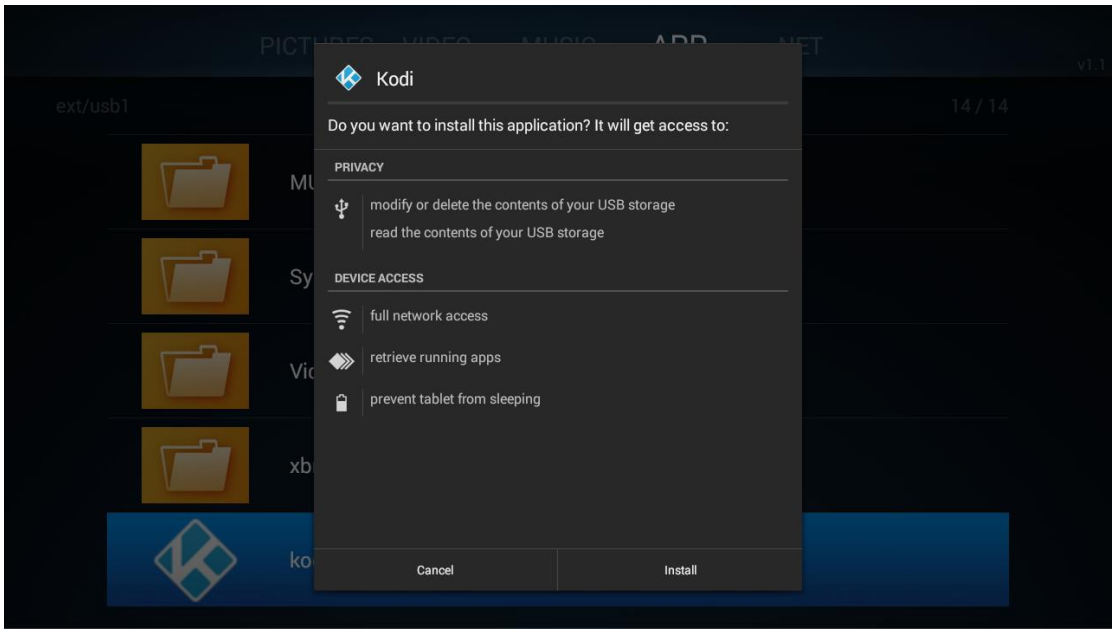

Figure 3. Installing Kodi--Step 1

2. Wait for the installation to complete.

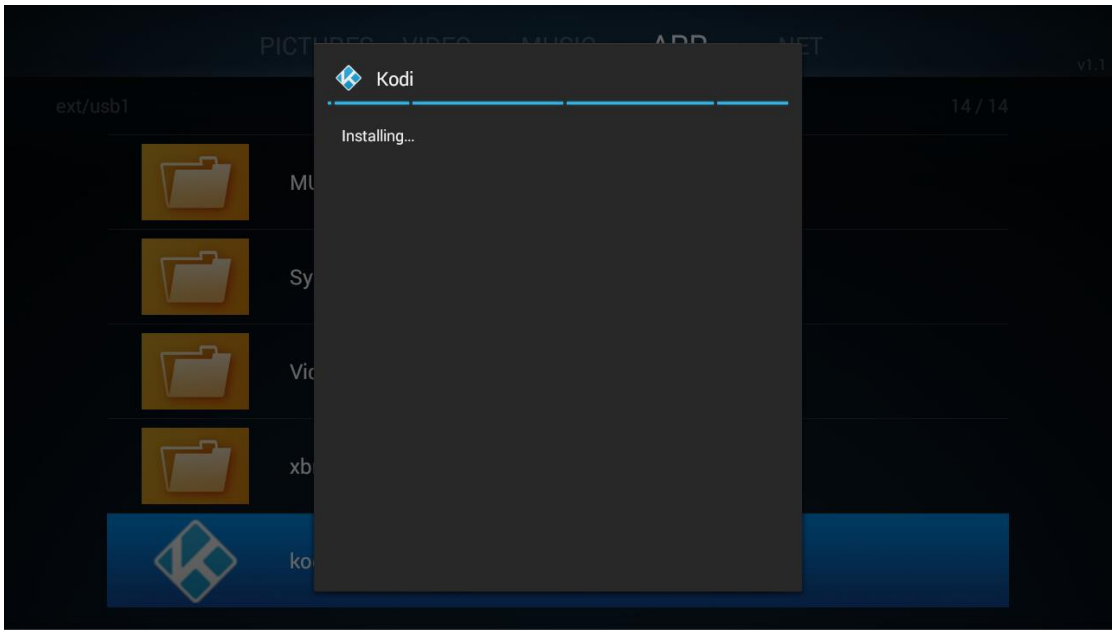

Figure 4. Installing Kodi--Step 2

3. You have now installed Kodi for Android!

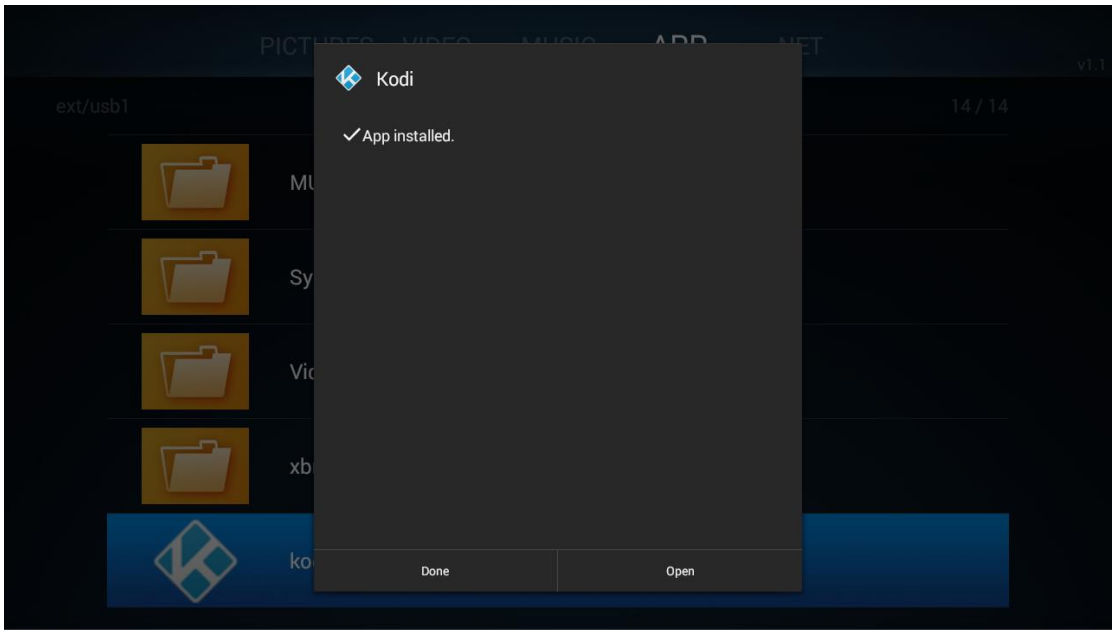

Figure 5. Installing Kodi--Step 3

First run: The first Kodi startup will take slightly longer than normal in order to finish some final installation steps. When it is done Kodi will open normally. This phase occurs only first time starting up after installation/update, so the next time Kodi will start up a little faster.

Figure 6. Kodi First Startup

All done: Once started you are on Kodi home menu just like on any other platform.

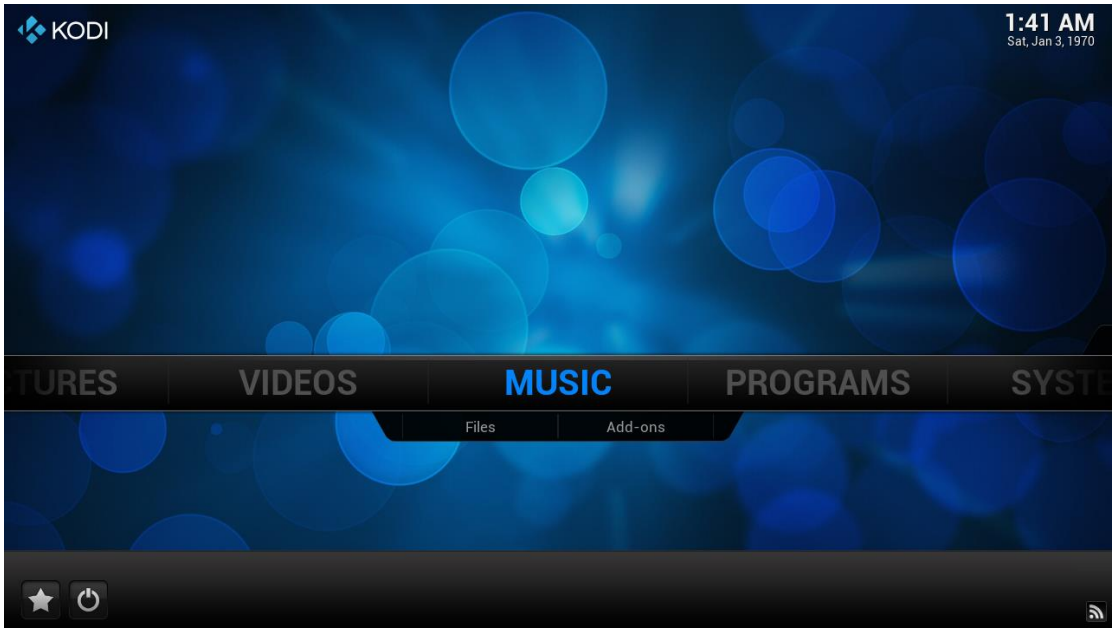

Figure 7. Kodi Home Screen

1.3 Tidy UP

After Kodi has installed you can delete the downloaded Kodi APK file to save some disk space.

1.4 Uninstallation

To uninstall Kodi just go to your Android settings menu and select "**Apps**". From there you will be able to uninstall Kodi like any other Android applications.

Note

Unlike other OSes, uninstalling Kodi on Android will also erase your userdata folder and all of your settings.

Procedure:

1. Go into your Android "**Settings**" app and then select "**Apps**".

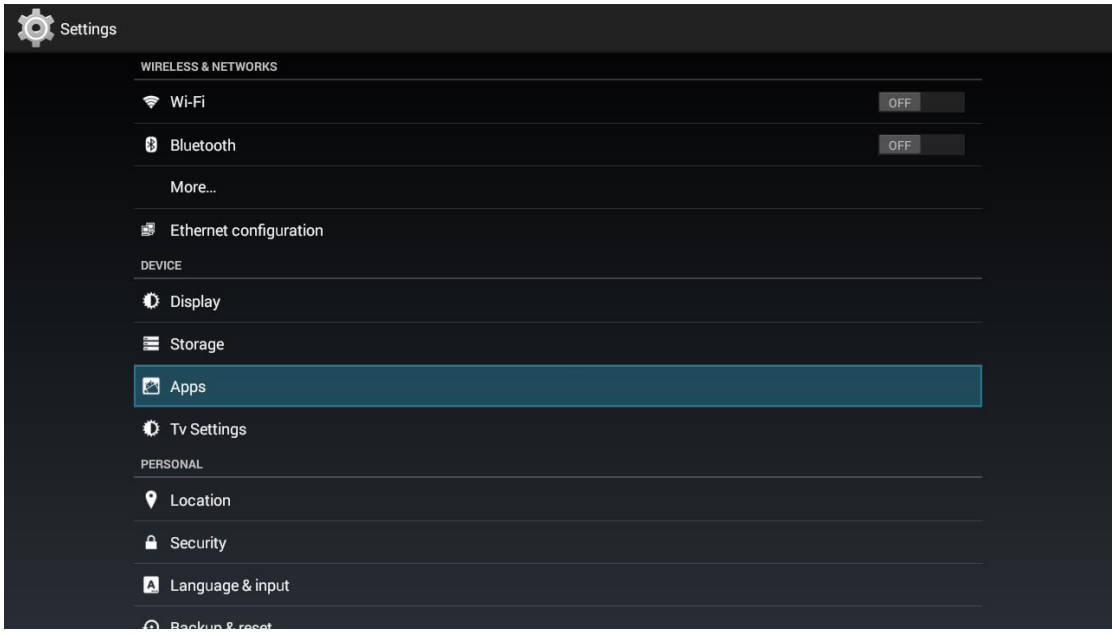

Figure 8. Setting Interface

2. Select "**Kodi**" from the list.

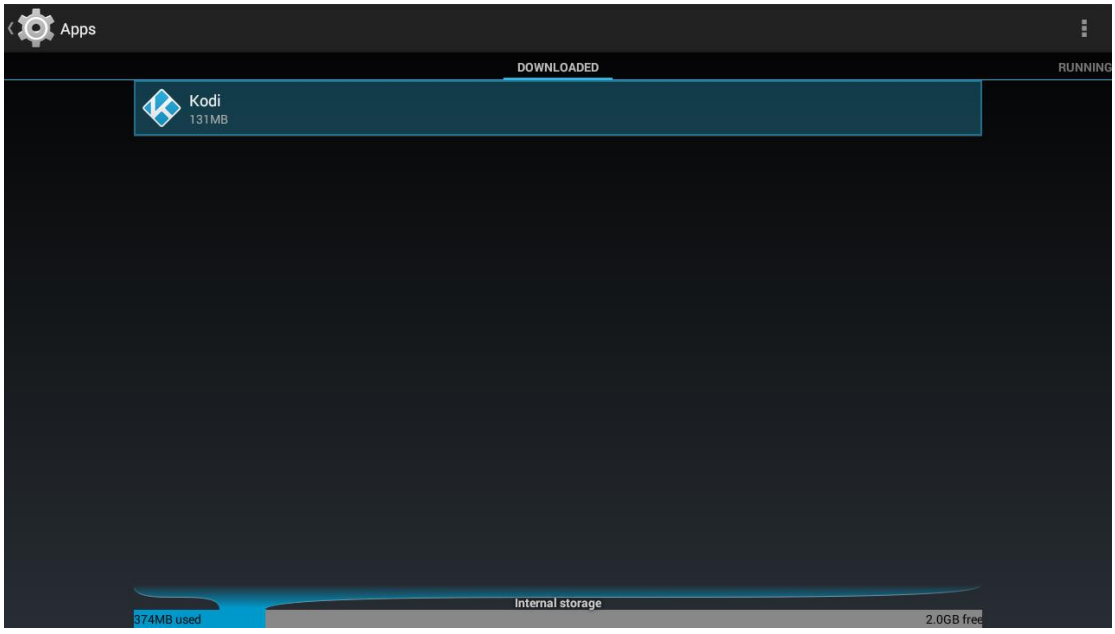

Figure 9. Apps Interface

3. Select "**Uninstall**" and confirm, to uninstall the Kodi application.

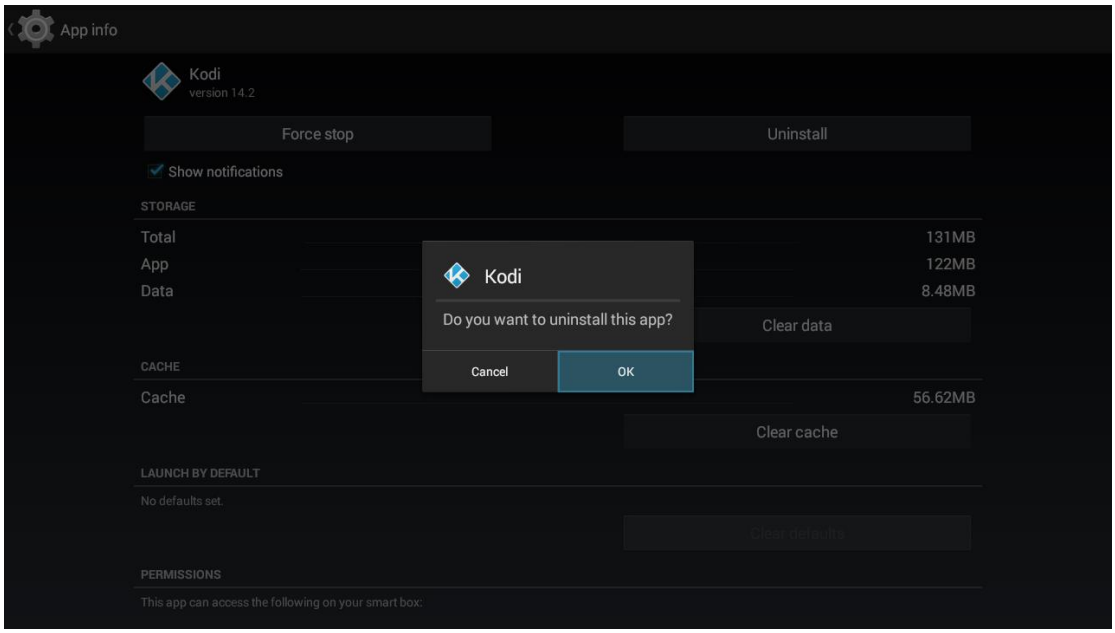

Figure 10. Uninstalling Kodi Application

2 Basic Controls

This chapter provides the details about the basic controls that are used in most areas of Kodi, as well as the Kodi home screen. This page assumes you are using the default skin for Kodi.

2.1 Home Screen

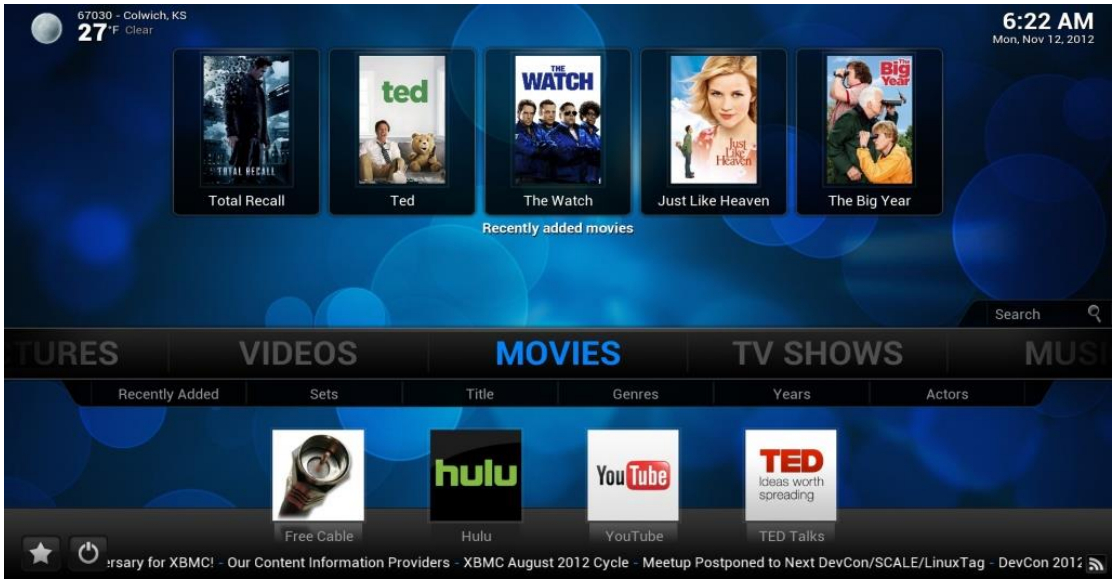

Figure 11. Home screen of Kodi

2.2 Contextual Menu

The context menu gives you quick access to some functions that also can be accessed by the keyboard directly (e.g. Queue item), while other functions (e.g. Change content) are only accessible from the context menu.

You can bring up the context menu either by:

- Right-clicking with the mouse.
- Pressing the "**C**" key.
- Pressing the "**guide**" button on a MCE remote.

Some examples of the context menu are shown below.

The context menu is in the Movie library.

Figure 12. Context Menu in the Movie Library

The context menu is in the YouTube add-on.

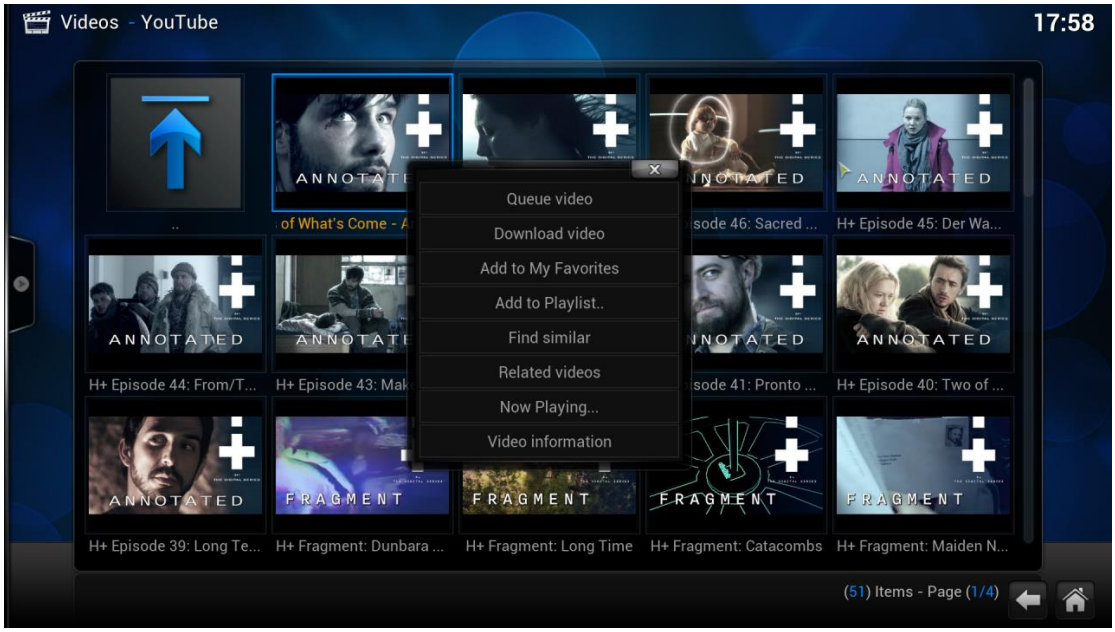

Figure 13. Context Menu in the YouTube Add-on

The context menu is in the Video file browser.

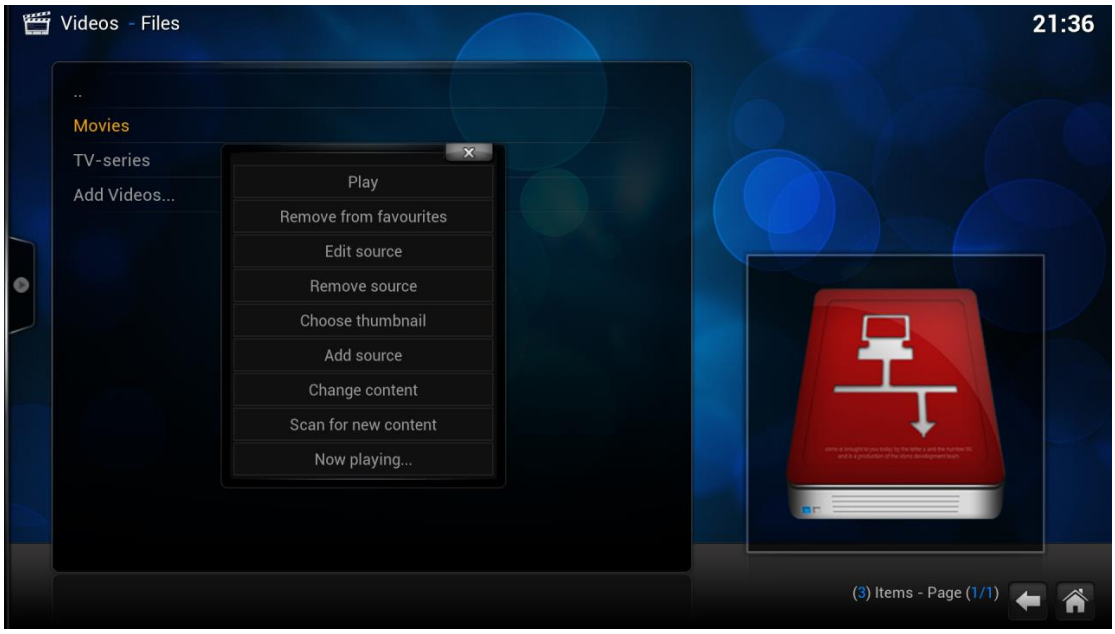

Figure 14. Context Menu in the Video File Browser

The context menu is in the Favorites menu.

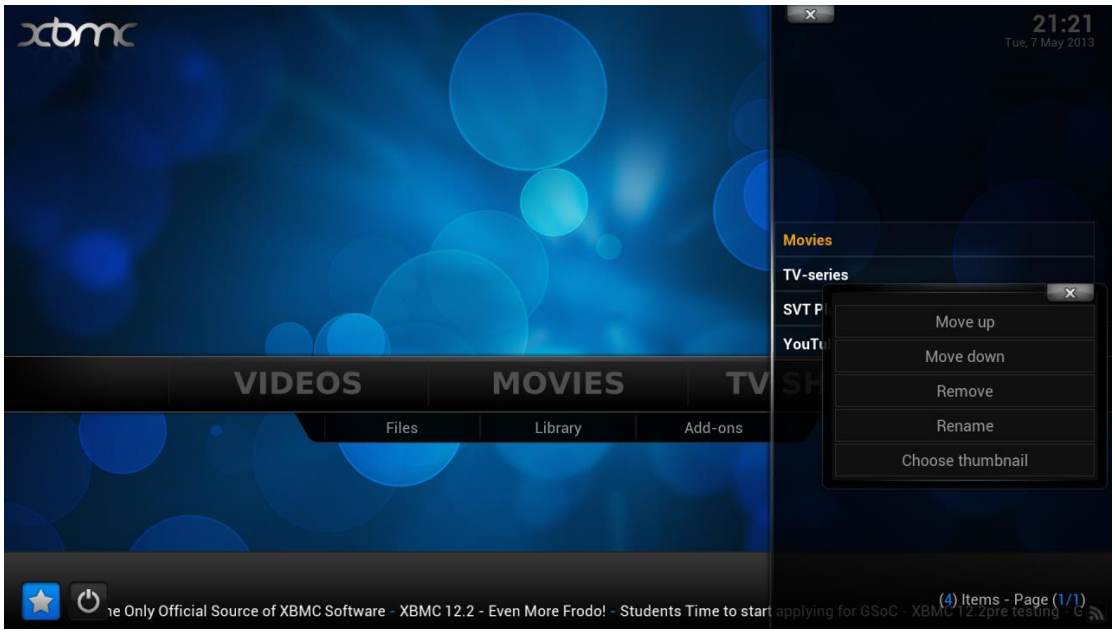

Figure 15. Context Menu in the Favorites Menu

2.3 Sidebar Menu

Many options, mostly related to view control, can be accessed from the left hand sidebar menu.

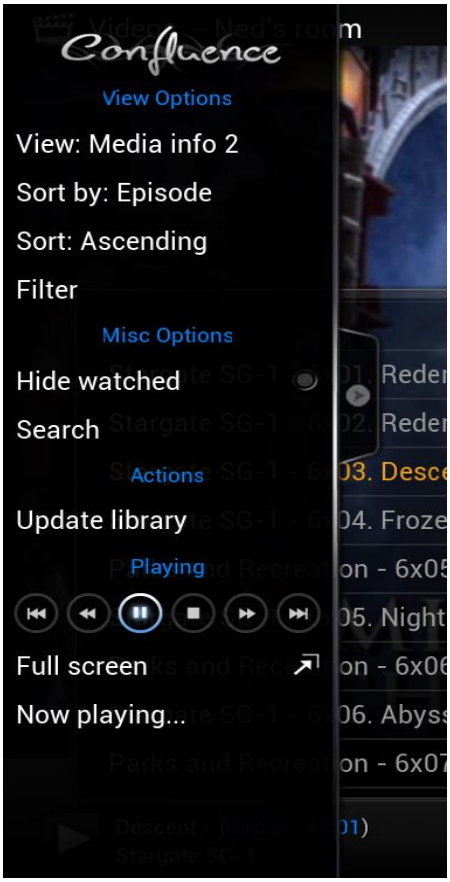

Figure 16. Sidebar Menu

2.4 Profiles

Profiles allow users to save all of settings as a profile and change them at the touch of a button. It also allows you to grant access to specific folders and network shares based on the profile being used. This is ideal for systems that have multiple users. It works much the same as setting up individual users on your home computer.

2.5 Favorites

Kodi allows you to add links to your favorite programs, pictures, videos,

music, files, add-ons, and more via the favorites menu. Some video add-ons have this support also. So you can access from the home menu easily without having to navigate otherwise complex paths, making it easier for you and your family to access your most common content.

2.6 File Manager

Kodi has a built-in file manager which lets you transfer/copy/move/delete/rename/create files or folders on your local hard drive, or any of Kodi's supported file sharing protocols as long as you have correct permission on remote shares to read/write to all files. You also would need to setup Kodi to allow rename and file deletion see `Settings/Appearance#File lists` if you wish to perform rename/delete operations.

2.7 System Information Screen

There's really not much to say about this, as the system info screen is pretty self-explanatory. This section just needs a screen shot and a basic description of what information is summarized there.

2.8 Weather

Kodi uses add-ons to provide weather information. You can select from various global and regional weather add-ons and customize various location options. Additional weather display options are found under "**Settings/Appearance**" and sometimes under the individual skin options, depending on the skin you use.

2.9 Changing the Look and Feel

Kodi is unlike many contemporary media and gaming centers, in that it can be easily customized to look completely different using skins while still remaining equally as useable and providing access to all your videos, music, and more.

To get new skins, please go to "**System -> Appearance -> Skin -> Skin Confluence**".

You will be provided a list of currently installed skins and an option to "**Get More**" where you can download additional skins.

3 Adding Files

While you can just use Kodi with plain file views, adding/scanning files to the library will add rich features such as cover art, summaries, thumbnails, trailers, and more.

3.1 Adding Videos to the Library

Procedure:

1. Select "**VIDEOS**" in the home screen menu.

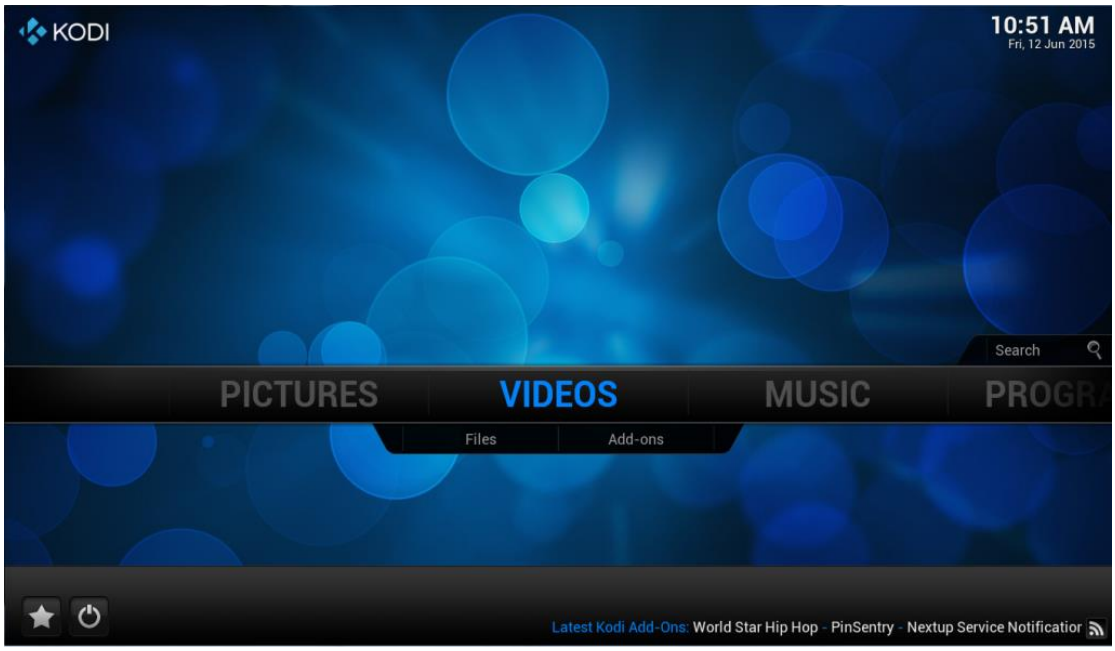

Figure 17. Adding Videos--Step 1

2. Select Files, and then select "**Add Videos**".

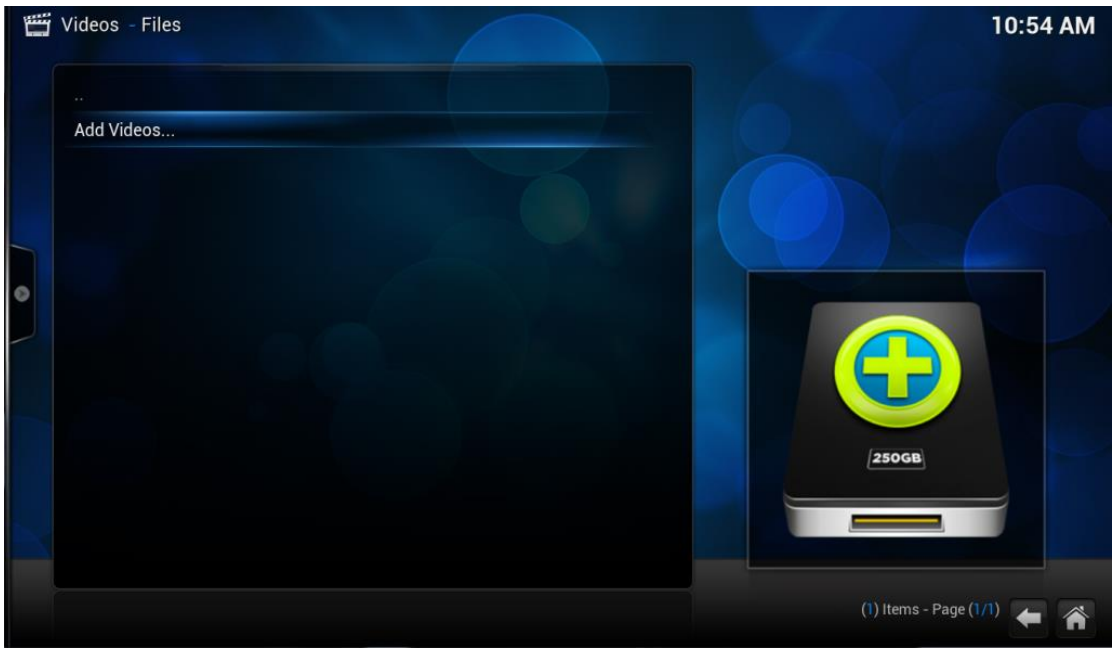

Figure 18. Adding Videos--Step 2

3. The "**Add Video Source**" screen is displayed. Then select the "**Browse**" button.

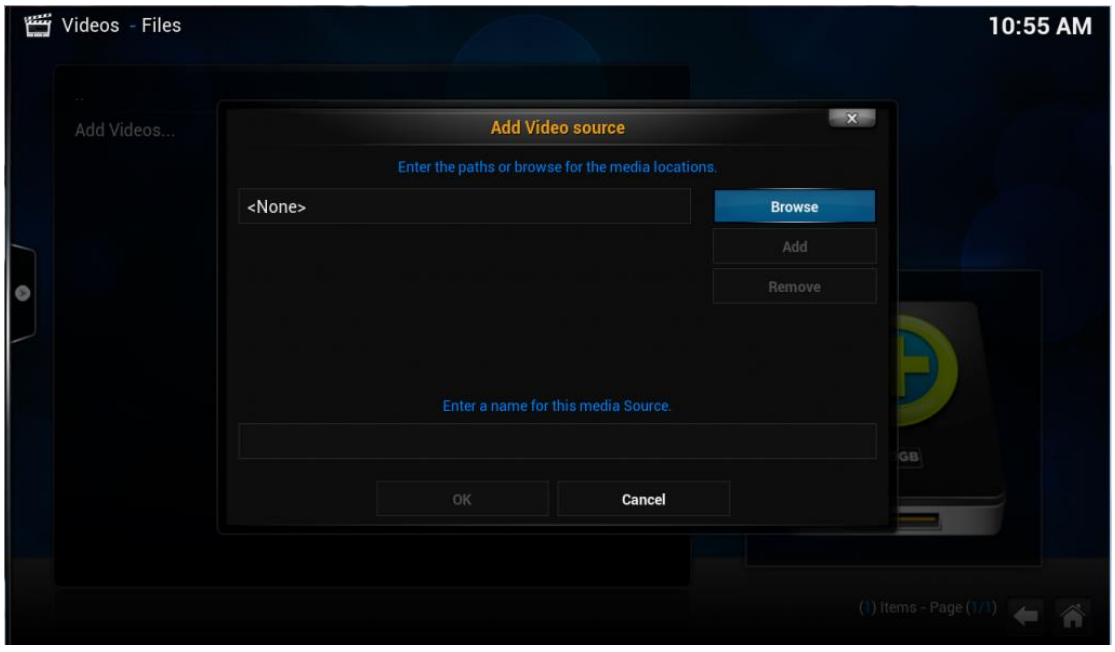

Figure 19. Adding Videos--Step 3

4. Now browse to where you keep your videos stored. Once you have found the folder you keep your videos in, select the "**OK**" button.

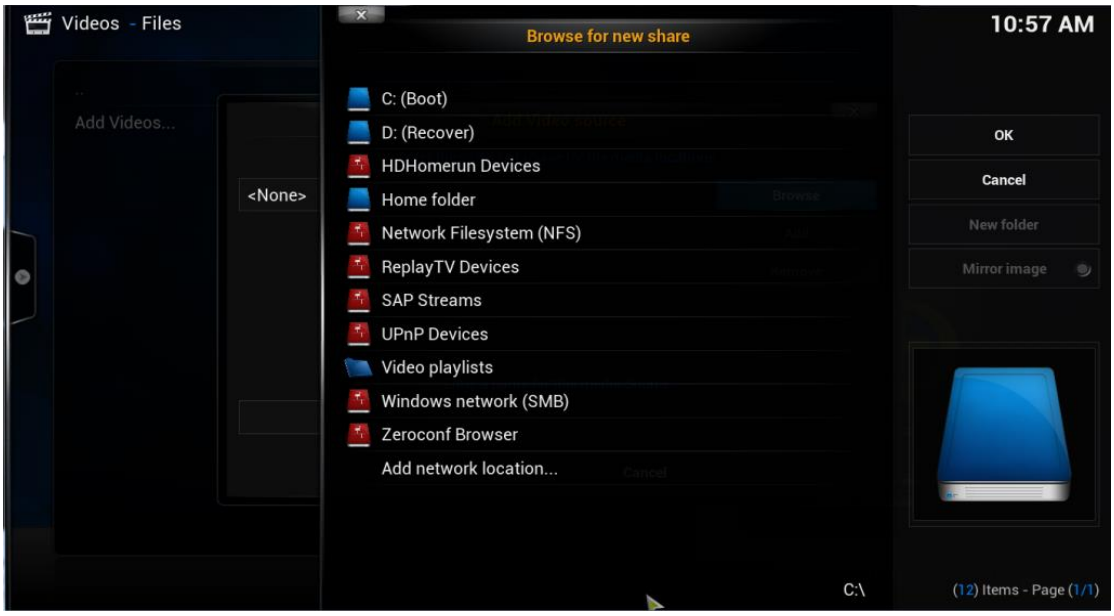

Figure 20. Adding Videos--Step 4

5. Name this Video Source however you like. If it is a movie folder, you will probably want to name it "**Movies**", and if it is a TV Show folder then you will probably want name it TV Shows. Then select "**OK**".

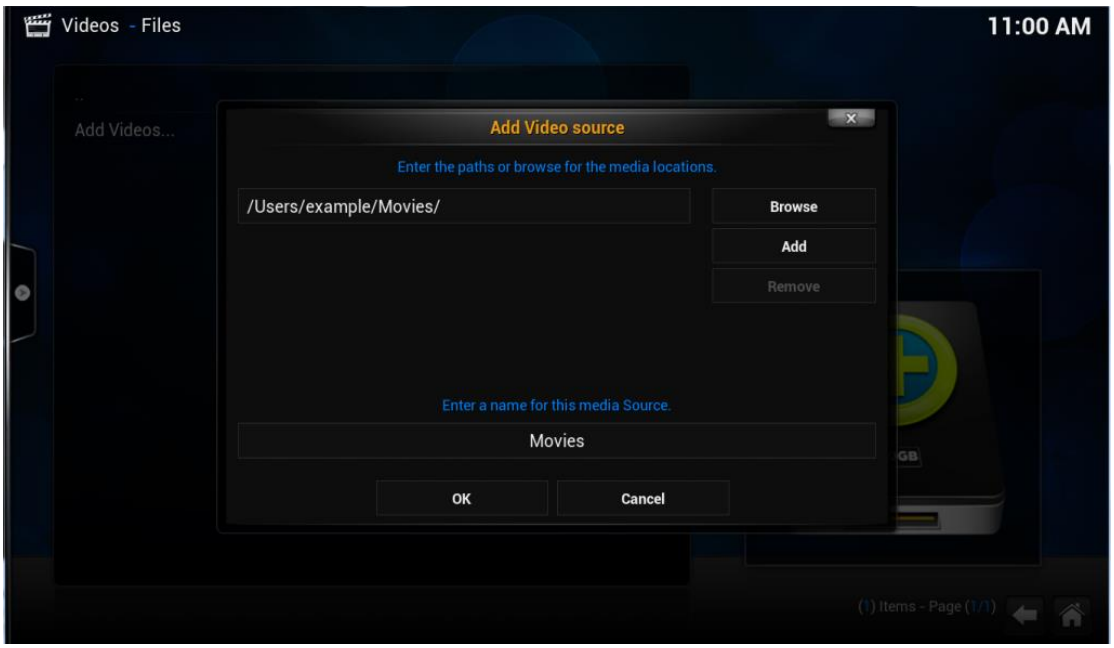

Figure 21. Adding Videos--Step 5

6. The set content window will display, this is where you tell Kodi what type of media is in the folder. Press the down arrow until you reach the correct type (in this example movies).

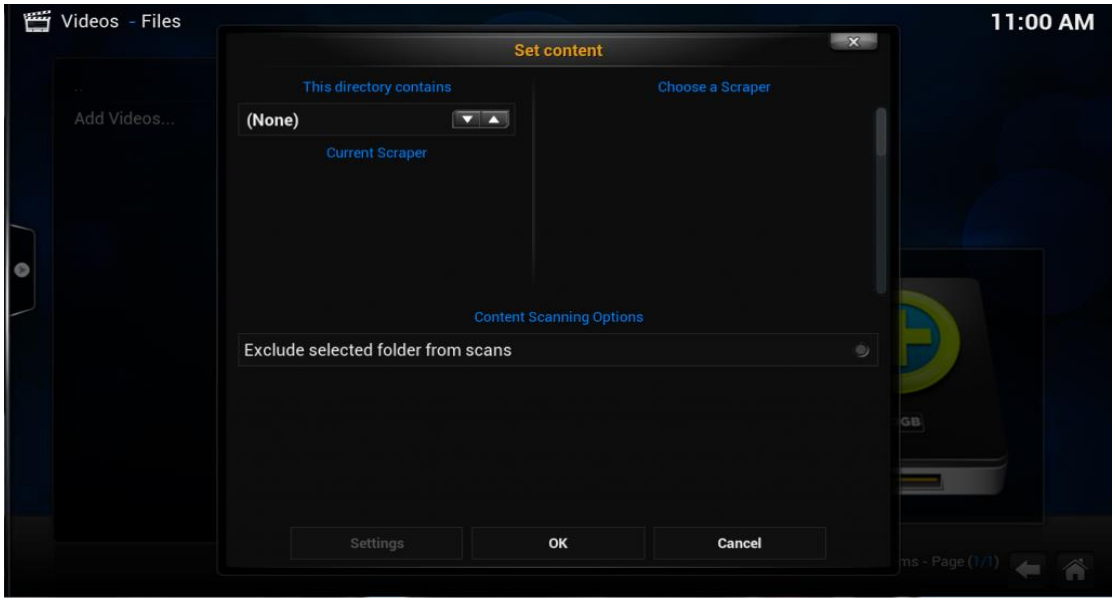

Figure 22. Adding Videos--Step 6

7. There are a number of options underneath, see "**Setting content and scanning**" to check what options to enable. Then select "**OK**"

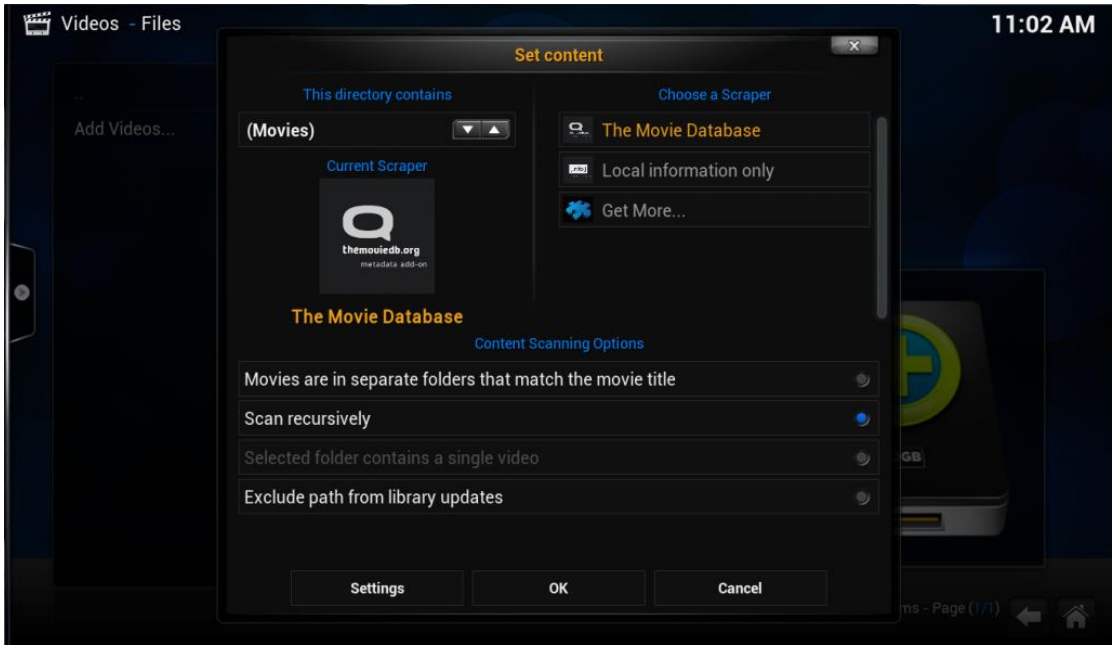

Figure 23. Adding Videos--Step 7

8. Press "**Yes**" to scan the content to the library (if no is pressed, it can be scanned later).

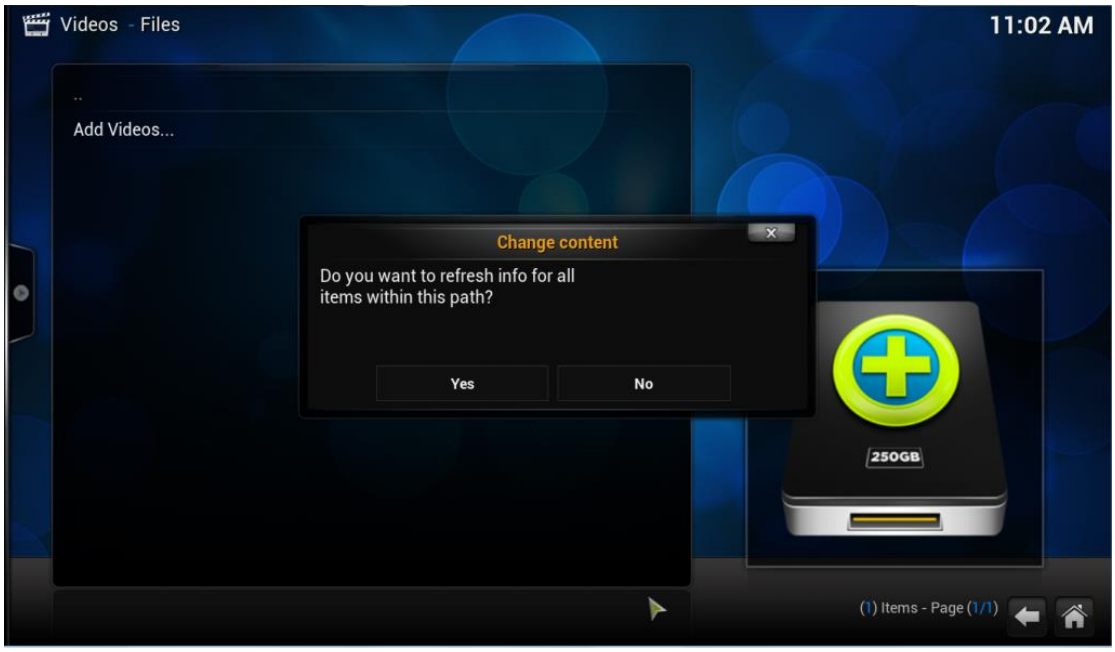

Figure 24. Adding Videos--Step 8

3.2 Adding Music to the Library

In order to be able to include information on your music collection in the library, Kodi needs your music to be tagged. When your collection is scanned, Kodi stores all the tagging information (artist, album, year, genre, etc.) in the database which allows you to efficiently search and manage your music collection. Today most media applications and players (e.g. iTunes / iPod) organize music by this ID tag information.

Note

Your audio files must have a valid ID tag for them to work properly in the Kodi music library.

3.3 Adding Pictures

Adding sources for your pictures follows the same method as adding other media sources. From the Home Page navigate to Pictures, select the added source and browse to the location of your picture files.

4 Remote Controls

In Kodi the primary environment was designed for the living room (10-foot interface) and controlling it only with a remote control. While Kodi does support mouse, keyboard, and even touch controls, the main method of controlling Kodi is designed around is the typical remote. This further enhances the appliance feel of the Kodi and fits next to (or replaces) the other remotes that are likely to be in your entertainment room.

4.1 Types of Remote

- **MCE Remotes** - Infrared remote controls made for computers that follow the MCE standard. These remotes should work with Kodi out-of-the-box on Windows and Linux.
- **RF Remotes** - Radio frequency remote controls, such as 2.4 GHz dongles and Bluetooth remotes. Most of these typically emulate a keyboard interface and/or standard multimedia keys.
- **CEC** - Use your existing TV remote control if you have a CEC (Consumer Electronics Control) compatible television or AV-receiver supporting HDMI-CEC interface.
- **Game controllers** - Game controllers, including gamepads and joysticks, such as Xbox 360, PlayStation 3/4, and Nintendo Wii controllers can all be used to directly control Kodi's interface.
- **Smart phone/tablet** - Turn your smart phone or tablet into the ultimate remote control.
- **Control Systems** - Highly Customizable Programmable Control Systems for Home Automation which can control Kodi as well as Lights, HVAC, A/V Equipment, and much more.
- **Touch controls** - Using Kodi with a touch screen device.
- **Web interfaces** - Web interfaces allow users to control and interact with their Kodi installation through a web browser. This can be used for a remote control, library management, visual feedback, and many other things.

- **Keyboards** - Still want to use a keyboard and/or mouse.

5 Add-on Manager

The Add-on manager's purpose is to manage the various add-ons to the Kodi application. It can be browsed like any other section and the various installed/uninstalled, enabled/disabled add-ons. In the Add-on manager you can also change the settings for auto update, notifications and foreign filter by bringing up the slide in submenu (press left "←" to show/hide). The Add-on manager is not where you go to run add-ons, but only to install and configure them.

5.1 How to Access the Add-on Manager

From the home screen, go to "**System -> Add-ons**".

Porcedure:

1. Select "**System** "on the home screen.

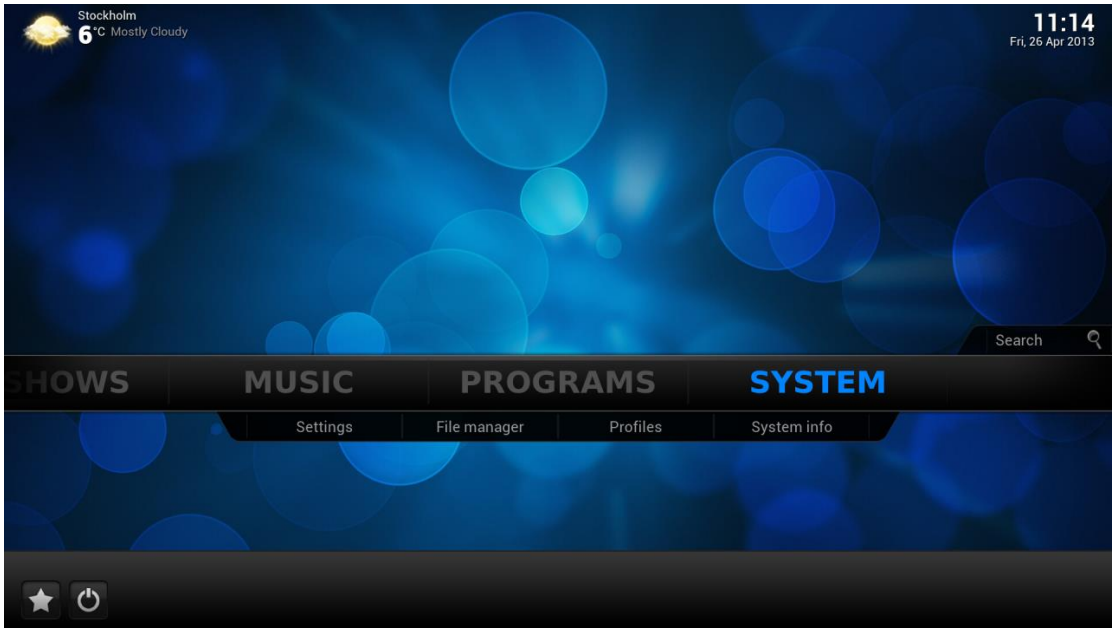

Figure 25. Accessing Add-on Manager--Step 1

2. Select "**Add-ons**".

Figure 26. Accessing Add-on Manager--Step 2

3. The Add-on manager displays four/five options (explained below).

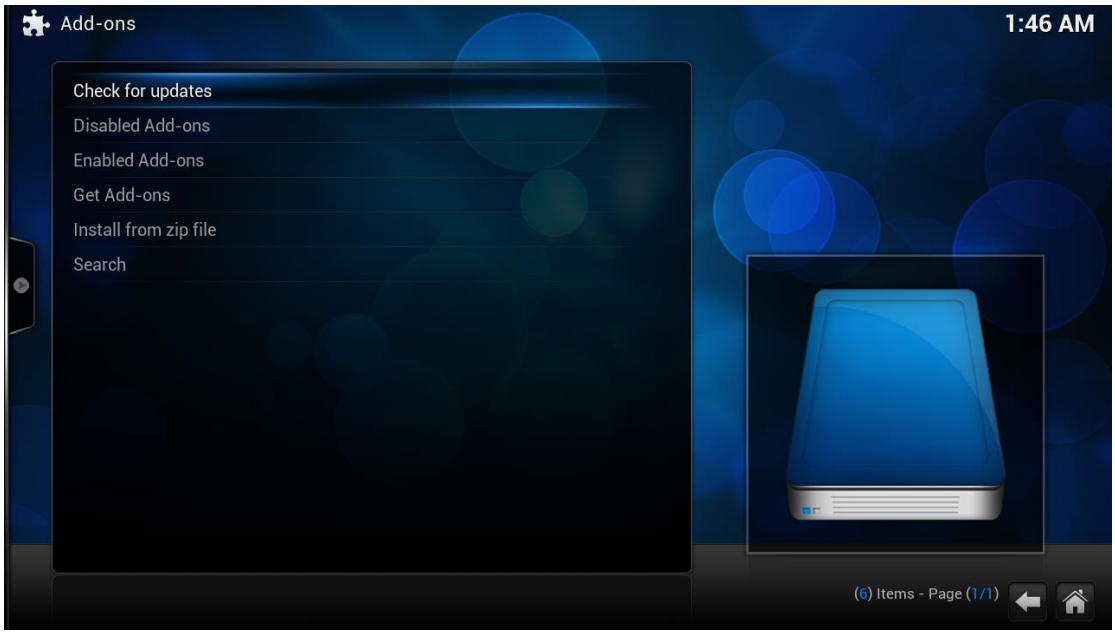

Figure 27. Accessing Add-on Manager--Step 3

"**Check for updates**" allows you to check the latest version of installed add-ons.

"**Disabled add-ons**" is not visible if you don't have any disabled add-ons. It shows add-ons you've manually disabled or that's been disabled by Kodi because they're "marked as broken" in the repository.

"**Enabled add-ons**" are add-ons that are currently enabled. Kodi comes with certain add-ons already installed and enabled (such as movie scrapers, screen-savers and visualization)

"**Get add-ons**" allows you to install new add-ons from the installed repositories. Kodi Add-on repository and Kodi PVR Add-on repository are the two official pre-installed add-on repositories.

"**Install from ZIP file**" allows the installation of an add-on or repository from a ZIP file, either from the hard drive or LAN.

"**Search**" allows you to search add-ons in the installed repositories and your installed add-ons.

5.2 How to Install Add-ons from Repository

Now we take an example to install a skin. The same method can be used for other add-ons.

Procedure:

1. Select "**Get Add-ons**".

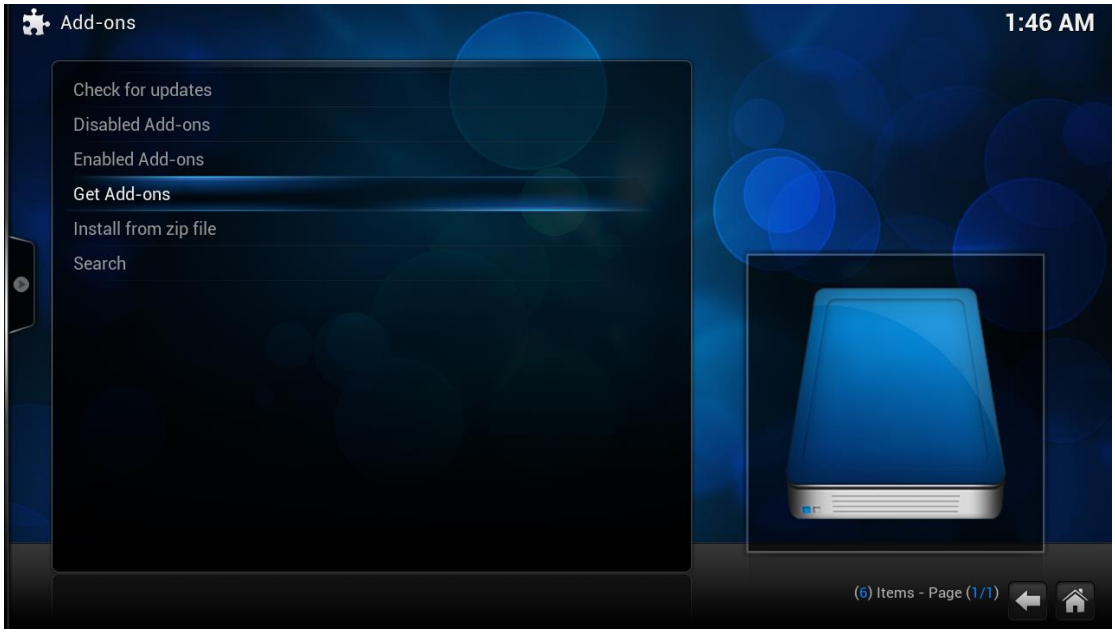

Figure 28. Installing Add-ons from Repository--Step 1

2. Select "**Kodi Add-on repository**" you want to install from.

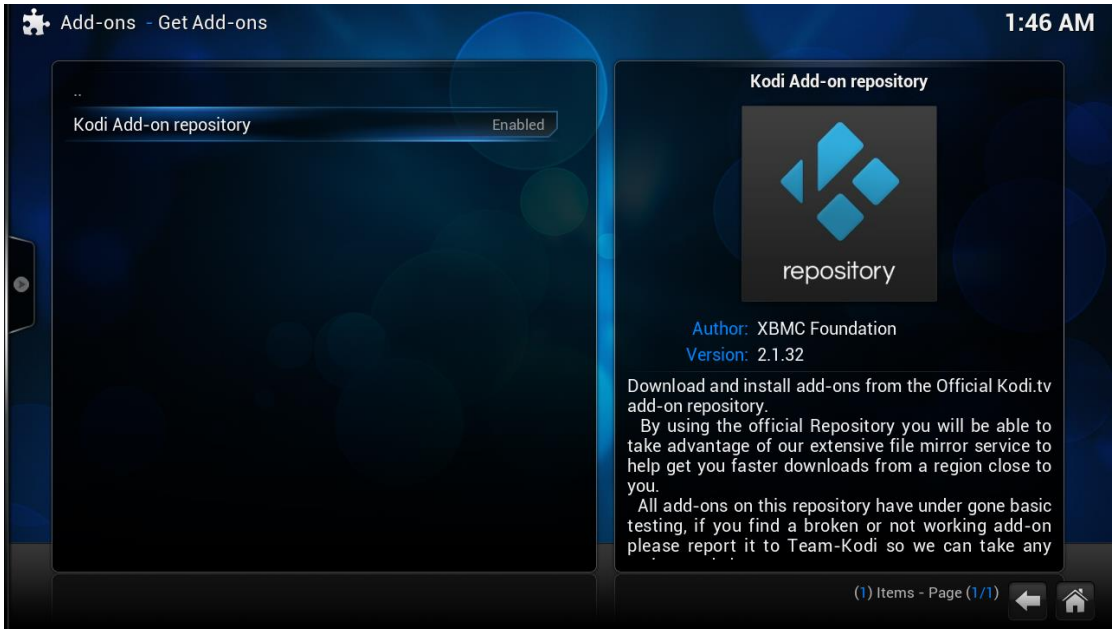

Figure 29. Installing Add-ons from Repository--Step 2

3. Select the add-on category, in this case "**Skin**".

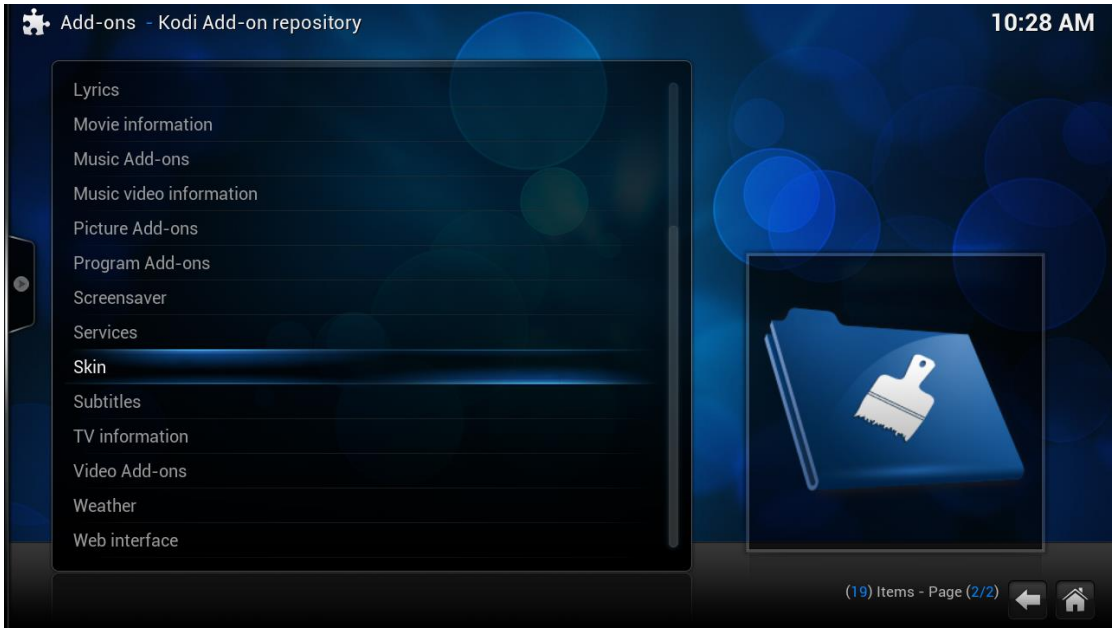

Figure 30. Installing Add-ons from Repository--Step 3

4. Select the add-on you want to install, in this case the skin "**Ace.**".

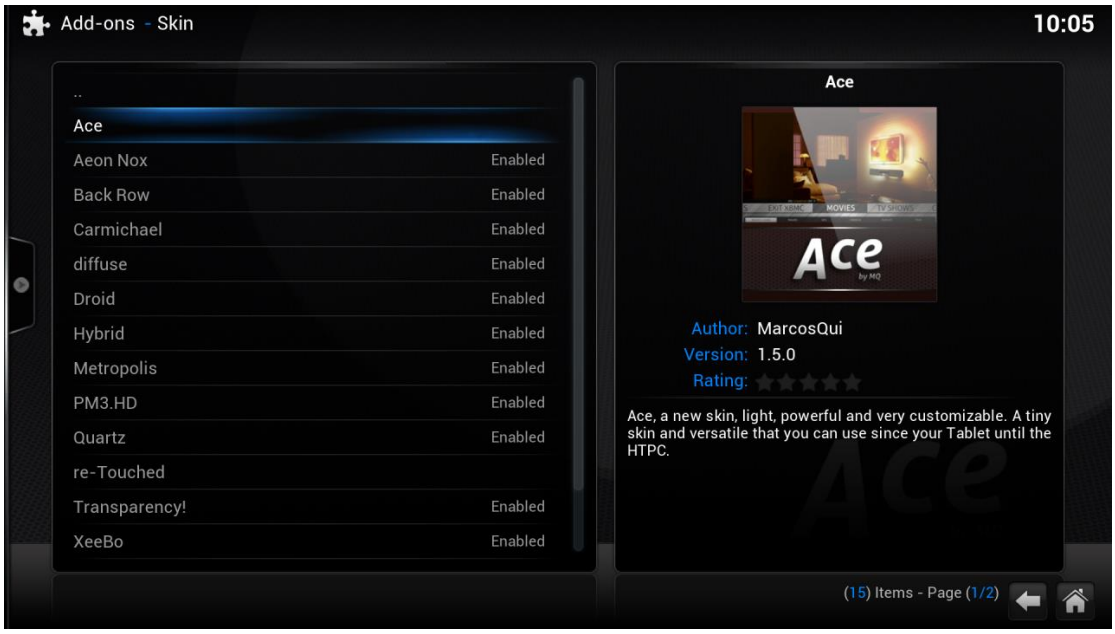

Figure 31. Installing Add-ons from Repository--Step 4

5. A summary dialog is brought up allowing you to see various properties of the add-on. Select "**Install**" to begin automatic downloading and installation.

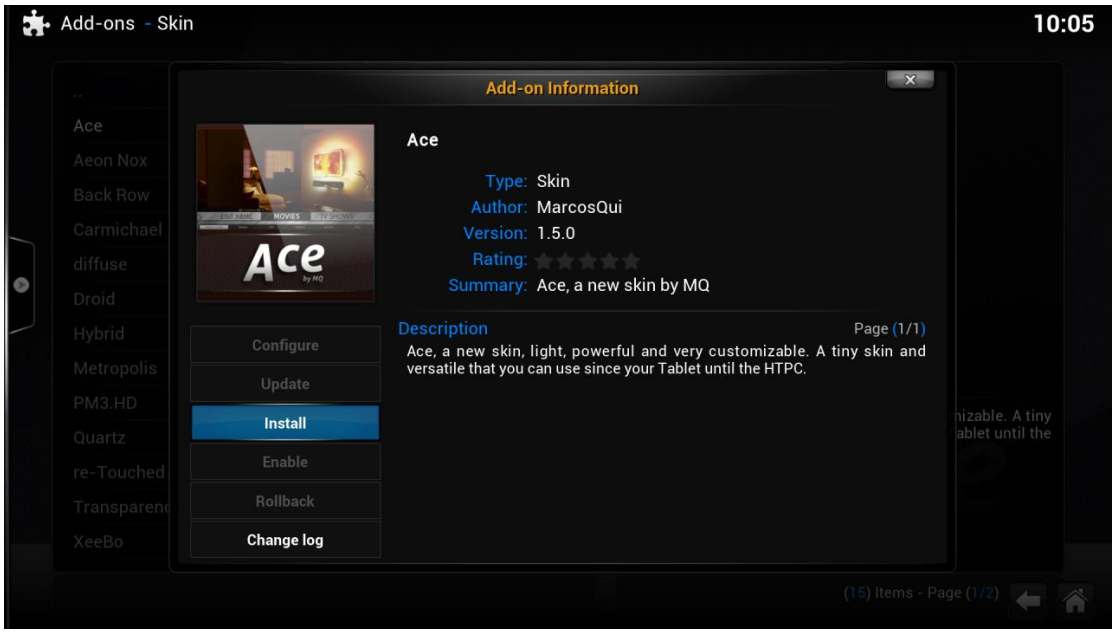

Figure 32. Installing Add-ons from Repository--Step 5

6. In the case of skin installation you'll be asked if you want to change to the installed skin immediately.

When the add-on has finished downloading Kodi will enable it and depending on the add-on ask if you want to start using it. Add-ons will then appear in their appropriate section (e.g. skins in the appearance section of settings, movie scrapers in the options of scrapers when adding a new movie source).

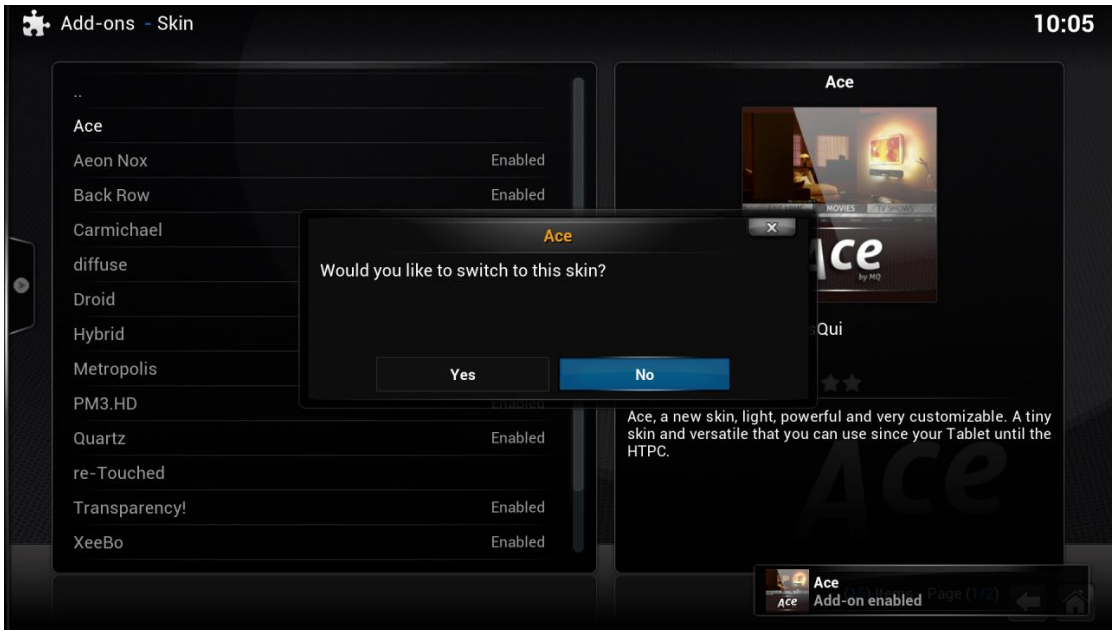

Figure 33. Installing Add-ons from Repository--Step 6

5.3 How to Install Add-ons from ZIP file

In this example the hybrid repository is being installed, but the method is the same for add-ons.

Download the ZIP file first, then:

Select Get Settings → Add-ons → Install from zip file -> Navigate to the ZIP file

1. Select " **Install**" from zip file.

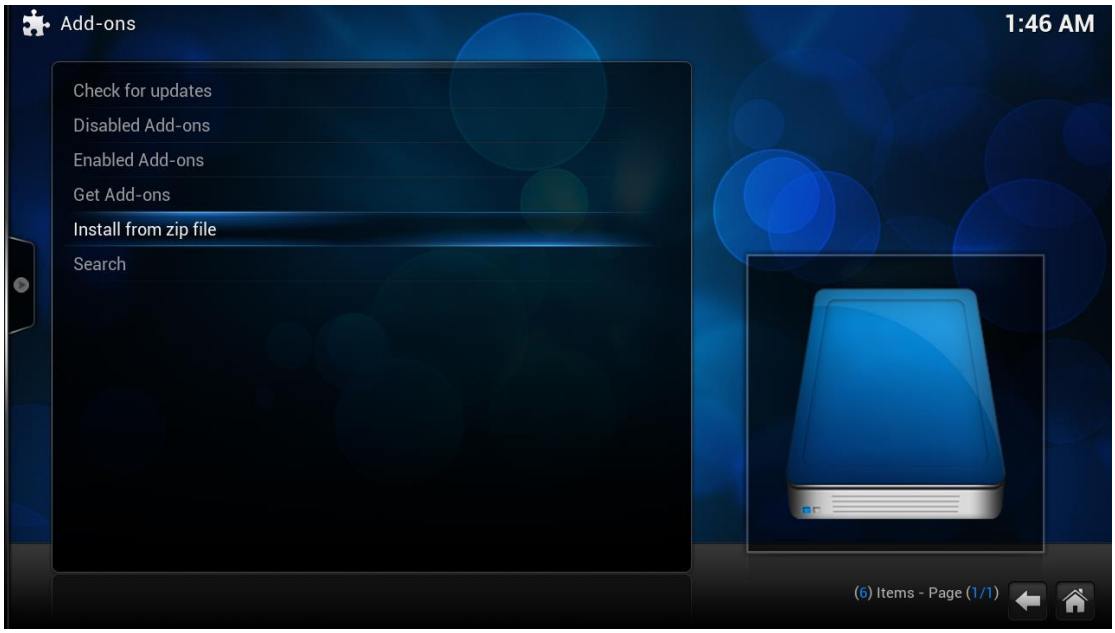

Figure 34. Installing Add-ons from ZIP File--Step 1

2. Navigate to the ZIP file and select it.

Figure 35. Installing Add-ons from ZIP File--Step 2

3. In the bottom right, Kodi notifies when the add-on is installed and

enabled.

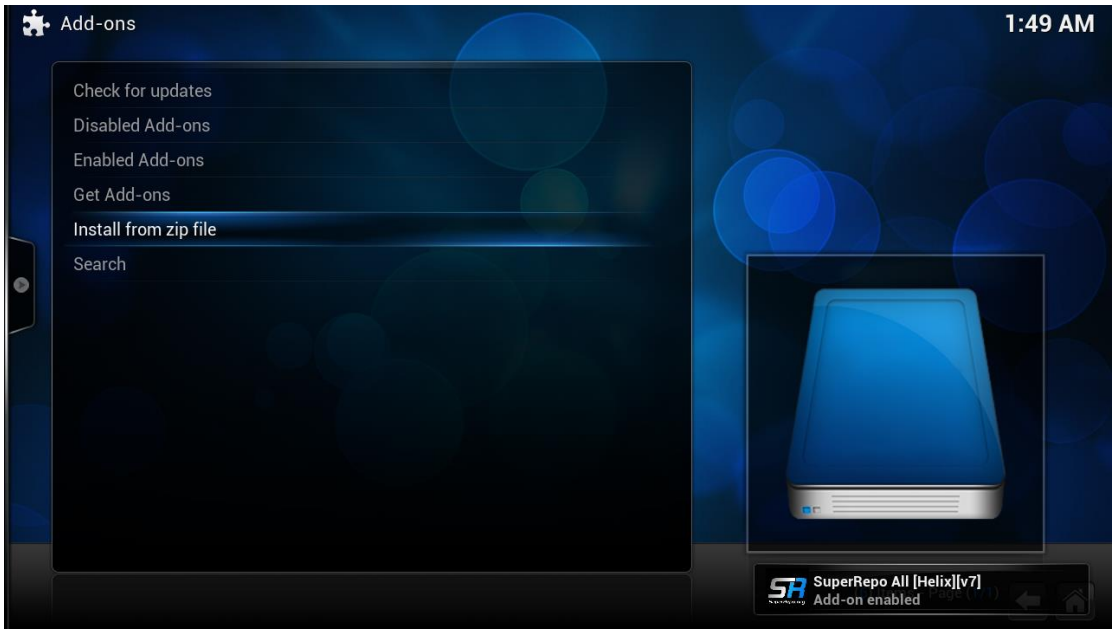

Figure 36. Installing Add-ons from ZIP File--Step 3

4. Select "**Get Add-ons**". The new repository is listed. In the case of add-ons they are added under "**All Add-ons**" in the appropriate category.

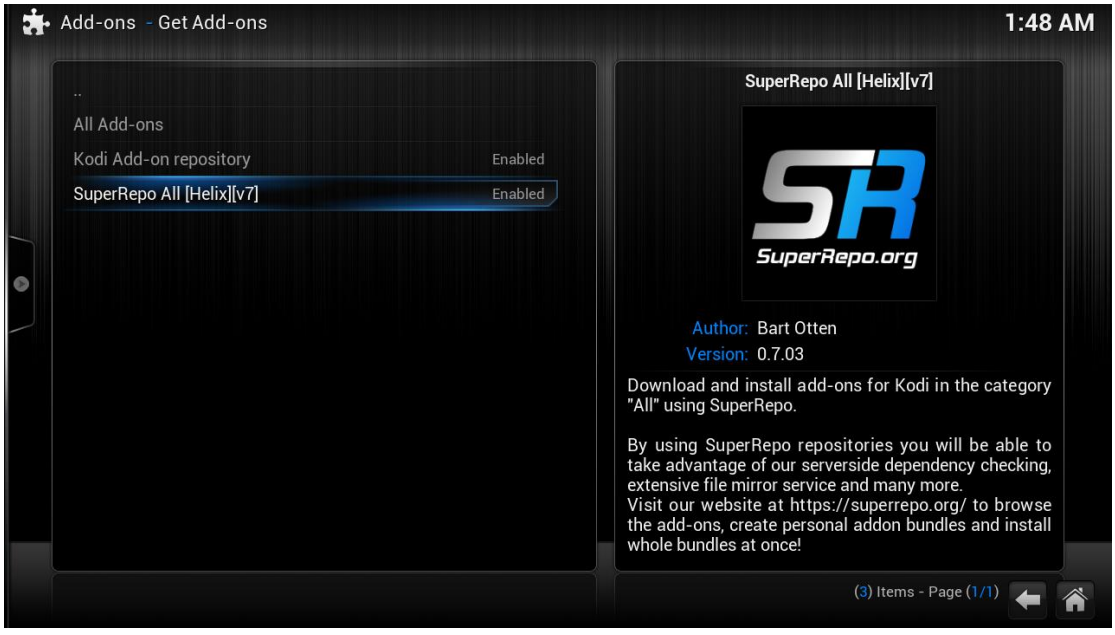

Figure 37. Installing Add-ons from ZIP File--Step 4

5.4 Repository

Repository is the storage location from where add-ons can be retrieved from. Kodi comes with two official add-on repositories installed by default, Kodi Add-on repository and Kodi *PVR Add-on repository*. However others can be added.

To install a new repository you must first find the ZIP file to install the repository, a list of 3rd party add-on repositories is semi-maintained on the wiki - other repositories may exist. Then follow the instructions on How to install from a ZIP file.

Revision History

Document Change History

Revision	Changes	Date
v1.1	Updated document version to 1.1.	February 29, 2016
v1.0	Initial Release	September 07, 2015

Table 3. Document Change History

Software Changes

Revision	Changes	Date
v1.1	Install and start GoDroid with a MicroSD card.	February 29, 2016
v1.0	Initial Release	September 07, 2015

Table 4. Software Change History

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Headquarters

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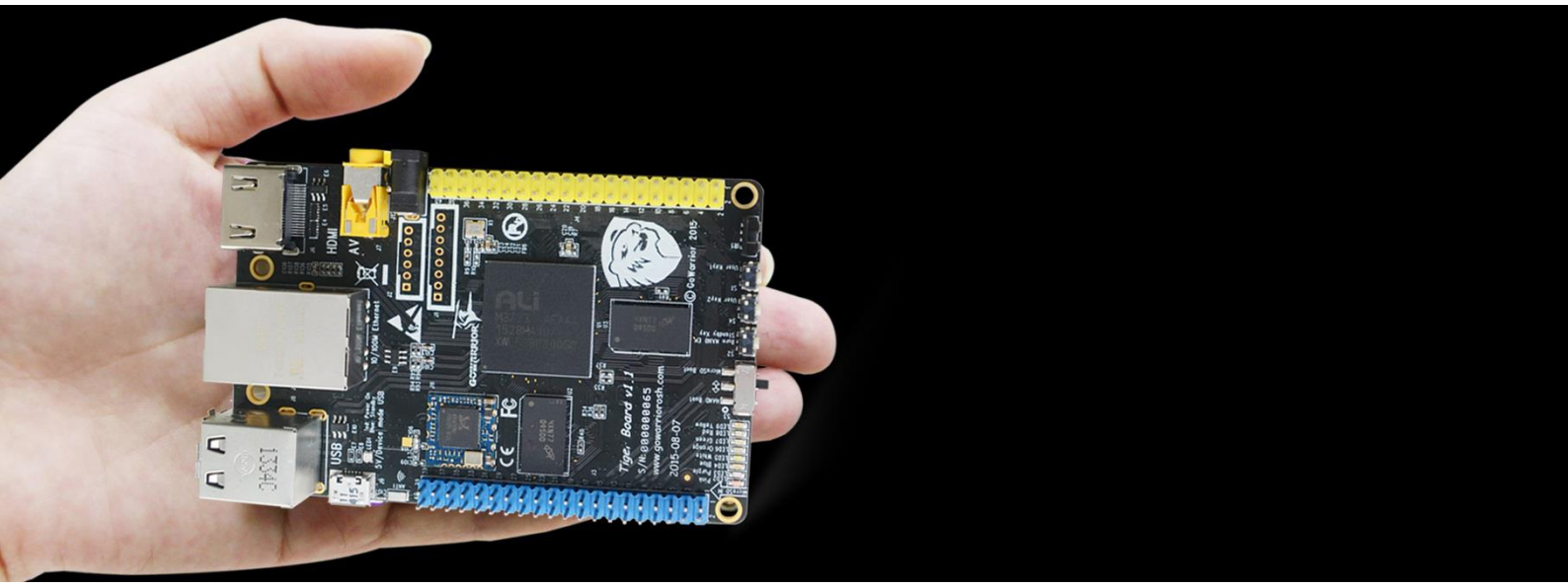
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