

# **Jedi Maker Xtream – User Guide**

## **by KiddaC**

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## Settings

Before adding any playlists, set your global settings to your own personal preference. Settings should be self-explanatory.

All settings have a description at the top of the screen. Please read the descriptions. Unfortunately they are only in English.

Server Timeout - Is the number of seconds it waits for a server response of the initial data. Only needs changing if you have got a very slow IPTV provider (In which case why are you using it)

Jedi currently comes with 3 available skins.

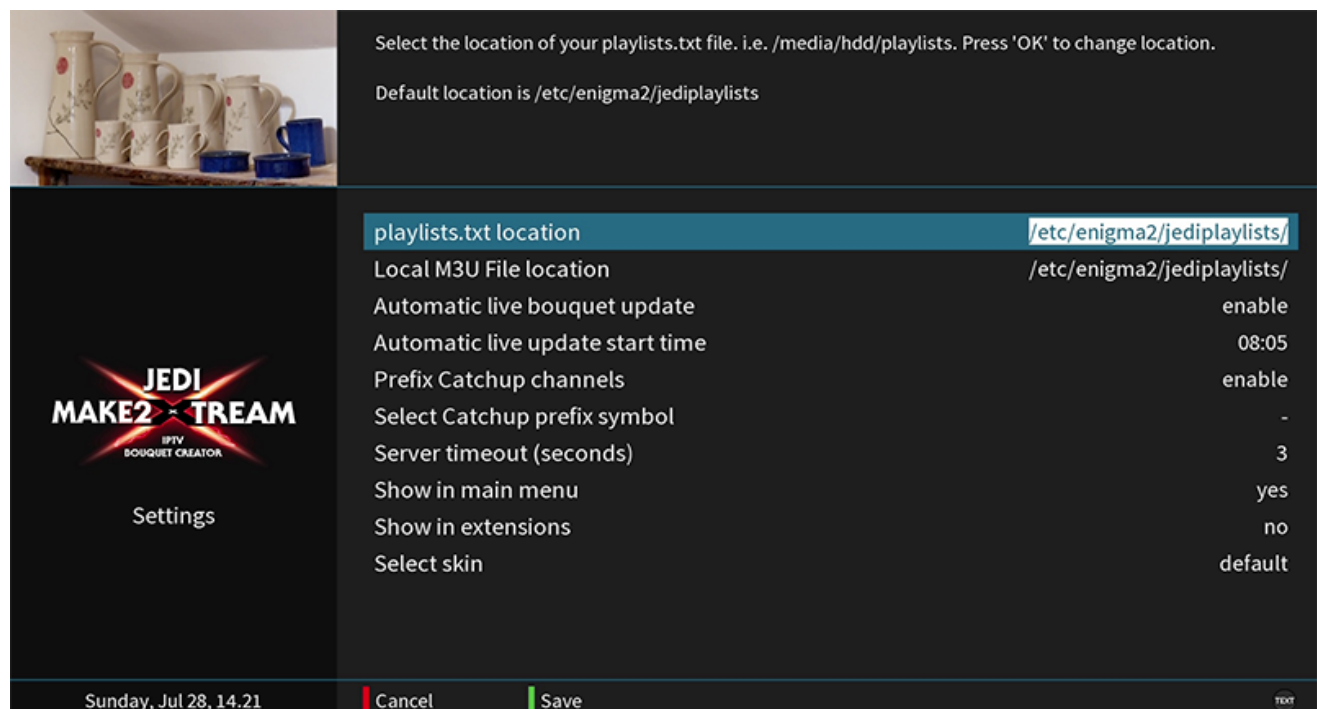
Default

Slyk Onyx Skin (Black)

Slyk Q Skin (Blue)

Press Green button to save settings.

Restarting GUI required for some settings.



Select the location of your playlists.txt file. i.e. /media/hdd/playlists. Press 'OK' to change location.  
Default location is /etc/enigma2/jediplaylists

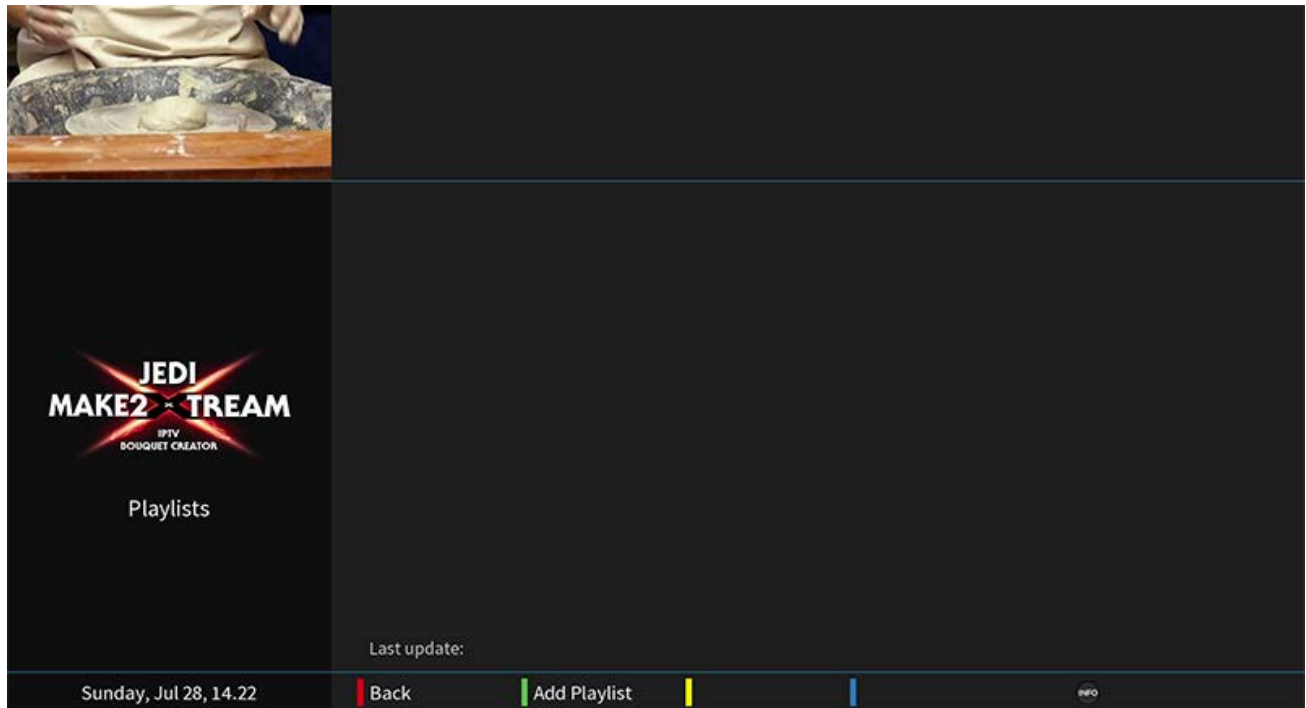
playlists.txt location	/etc/enigma2/jediplaylists/
Local M3U File location	/etc/enigma2/jediplaylists/
Automatic live bouquet update	enable
Automatic live update start time	08:05
Prefix Catchup channels	enable
Select Catchup prefix symbol	-
Server timeout (seconds)	3
Show in main menu	yes
Show in extensions	no
Select skin	default

Sunday, Jul 28, 14.21 Cancel Save TEXT

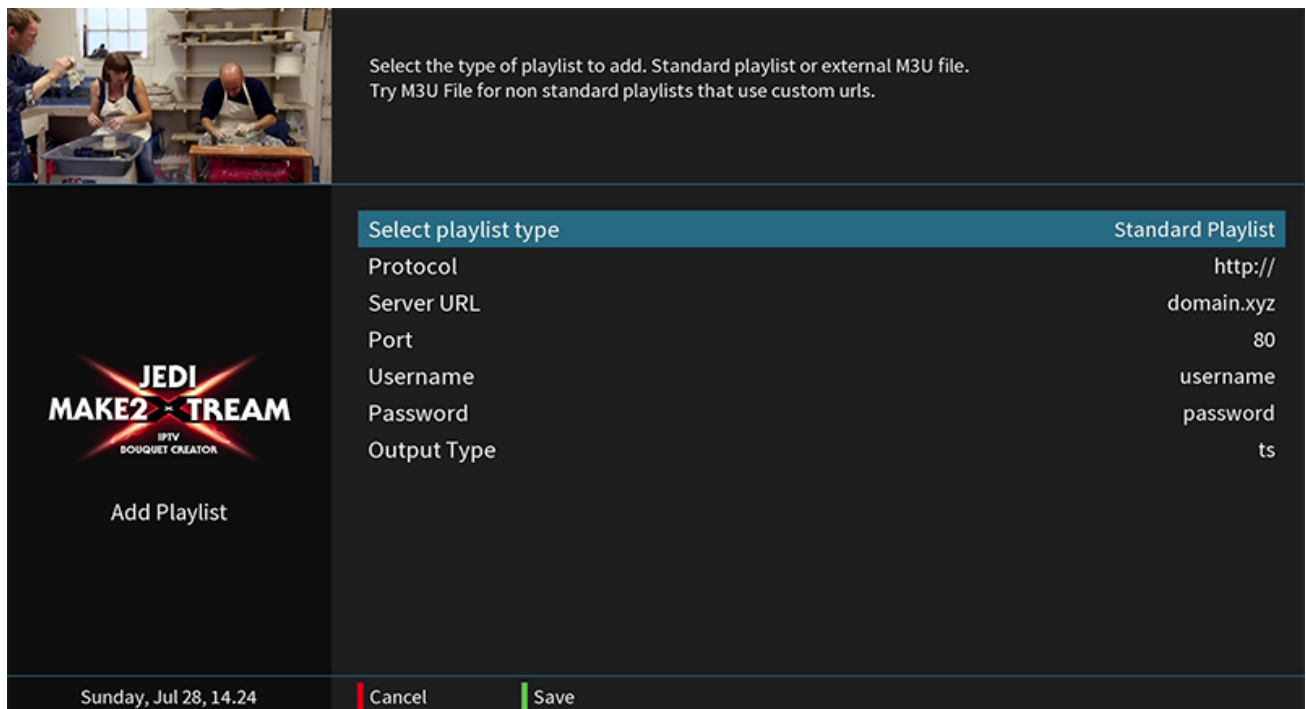
## Adding xstream playlist - via Jedi Maker Xstream Plugin

Open up Jedi Maker Xstream Plugin and click "Playlists"

On first load you will be presented with a completely blank screen.



Press Green button - Add Playlist.



## Adding xstream playlist - via Jedi Maker Xstream Plugin (cont)

For Xstream playlists in the following format use **Standard Playlist** option

`http://domain.xyx:80/get.php?username=user&password=pass&type=m3u_plus&output=ts`

Note: type and output may vary depending on your provider.

Enter Protocol: `http://` or `https://`

Enter Server URL: do not include http protocol in your domain (Use Text Button & Virtual Keyboard or your keypad to enter characters)

Enter Port Number: Just your port number not the :

Enter Username. Most usernames are case sensitive. Make sure you are using correct case. (Use Text Button & Virtual Keyboard or your keypad to enter characters)

Enter Password. Most passwords are case sensitive. Make sure you are using correct case. (Use Text Button & Virtual Keyboard or your keypad to enter characters)

Enter Output Type. Most providers use "ts" for the stream output type. A few require this option to be "m3u8." Try "ts" first.

Click Save

## Adding xstream playlist - via playlists.txt file

To access the playlist.txt file you need to access the files on your STB box. There are several easy ways to achieve this...

### Via Samba plugin.

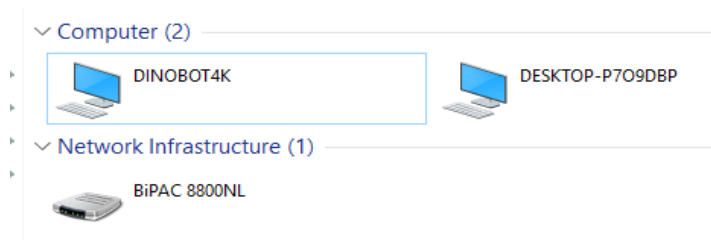
This should be installed and setup by default.

If not... it lives inside your Network Settings menus.






On OpenATV this would be Menu > Setup > System > Network > Samba Setup

Then in Windows file explorer you need to select Network > [Your Box Name i.e. Dinobot]

On my machine I always have to select my box twice as first time it always fails strangely.



Then navigate to Root > etc > enigma2 > jediplaylists > playlists.txt

> Root > etc > enigma2 > jediplaylists			
Name	Date modified	Type	Size
 28.2e.txt	05/07/2019 21:05	TXT File	77 KB
 alias.txt	16/06/2019 21:35	TXT File	35 KB
 playlist_all.json	06/07/2019 13:50	JSON File	7 KB
 playlists.txt	06/07/2019 13:50	TXT File	2 KB
 rytec.channels.xml.xz	05/07/2019 21:05	XZ File	137 KB

Right click playlists.txt and edit

## Via FTP software

I always use Filezilla as my FTP software

Enter your STBs IP address as can be found in Menu > Information > Network

username: root

password: [leave blank]

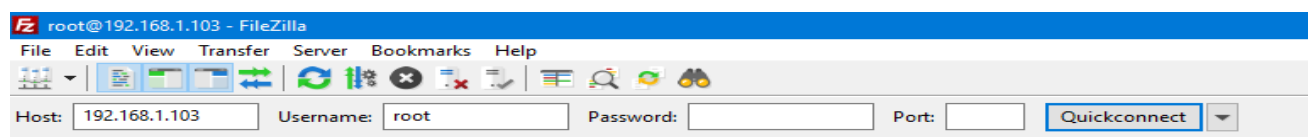
Port: [leave blank]

pure2 image

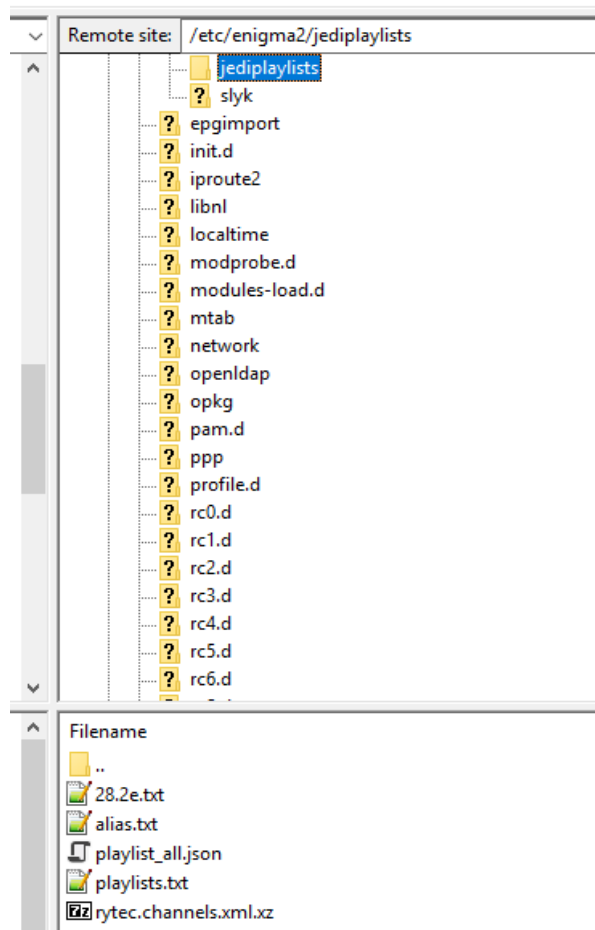
username: root

password: pure2

Port: [leave blank]



In the right panel of your ftp software navigate to  
/etc/enigma2/jediplaylists

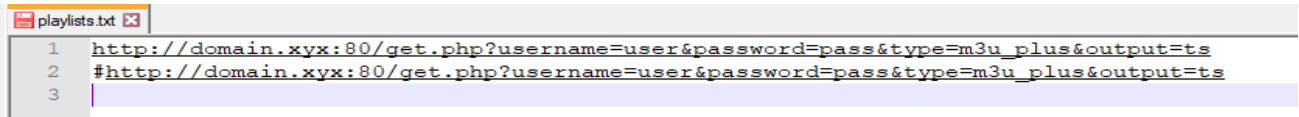


right click playlists.txt to edit

Enter your playlist details into playlists.txt file. Must include your protocol (http:// or https://)

For more than one playlist use a seperate line.

Playlists can be commented out using a # at the start of the line. These will then not appear in the plugin.



```
playlists.txt
1 http://domain.xyx:80/get.php?username=user&password=pass&type=m3u_plus&output=ts
2 #http://domain.xyx:80/get.php?username=user&password=pass&type=m3u_plus&output=ts
3
```

Save file.

If using FTP make sure you go back into your FTP software where it should prompt you to save



## Adding xstream playlist - converting provider script

Your provider might provide a script to use on enigma2.

These scripts create bouquets for your provider and are not as user friendly as the bouquets Jedi Maker Xstream plugin creates, so you need to convert this script into a format that can be used by Jedi Plugin.

Your script might look something like this.

```
wget -O /etc/enigma2/iptv.sh  
"(http://your.iptv.com:8080/get.php?username=user&password=password&type=enigma22  
_script&output=ts)" && chmod 777 /etc/enigma2/iptv.sh && /etc/enigma2/iptv.sh
```

Take the URL from the script that is usually in brackets.

```
http://your.iptv.com:8080/get.php?username=user&password=password&type=enigma22_s  
cript&output=ts
```

replace **type=enigma22\_script** with **type=m3u**

```
http://your.iptv.com:8080/get.php?username=user&password=password&type=m3u&output  
=ts
```

place this new url in your playlists.txt file as explained in the previous post  
or get the details from this url and manually add them via playlists > add playlist

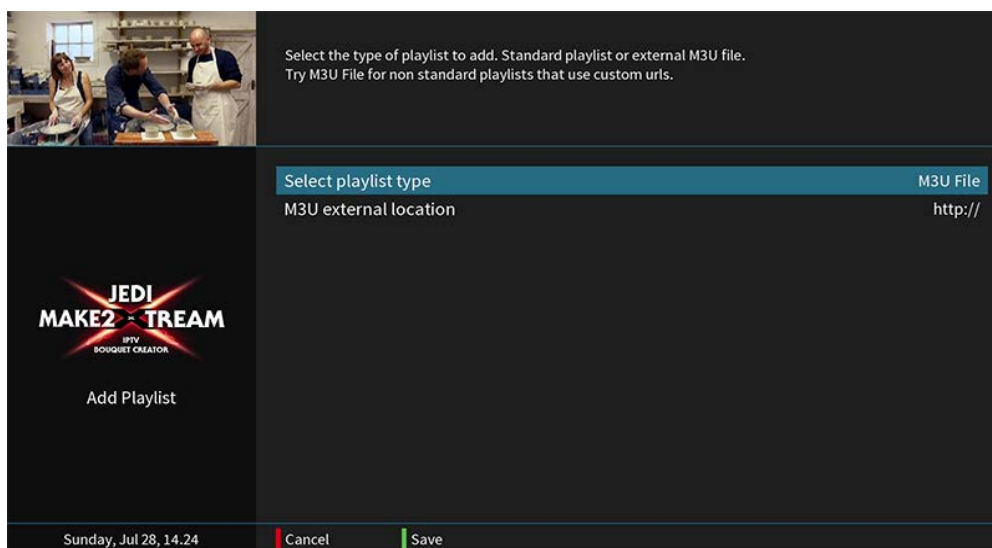
## Add external m3u playlist - via Jedi Maker Xstream Plugin

Jedi Maker Xstream allows the use of external m3u playlists as well as normal xstream playlists. These can be playlists as found on iptv websites, pastebin, your own server etc.

To add an external playlist  
open Jedi Maker Xstream plugin

**Press Green button - Add Playlist.**

**Select playlist type: M3u File**  
**Enter external URL for your playlist**



### Note:

My plugin will only pick up external m3u files with the extension .m3u

My plugin will only read external URLs for M3U that follow the standard format which looks like something below.

Must start with #EXTM3U

Description lines must start with #EXTINF :-1 or #EXTINF:-0

URL lines must start with url protocol (http:// or https://)

```
Code
1. #EXTM3U
2. #EXTINF:-1 tvg-id="" tvg-name="" group-title="", Channel Name
3. http://domain.com:25461/live/user/pass/1234.ts

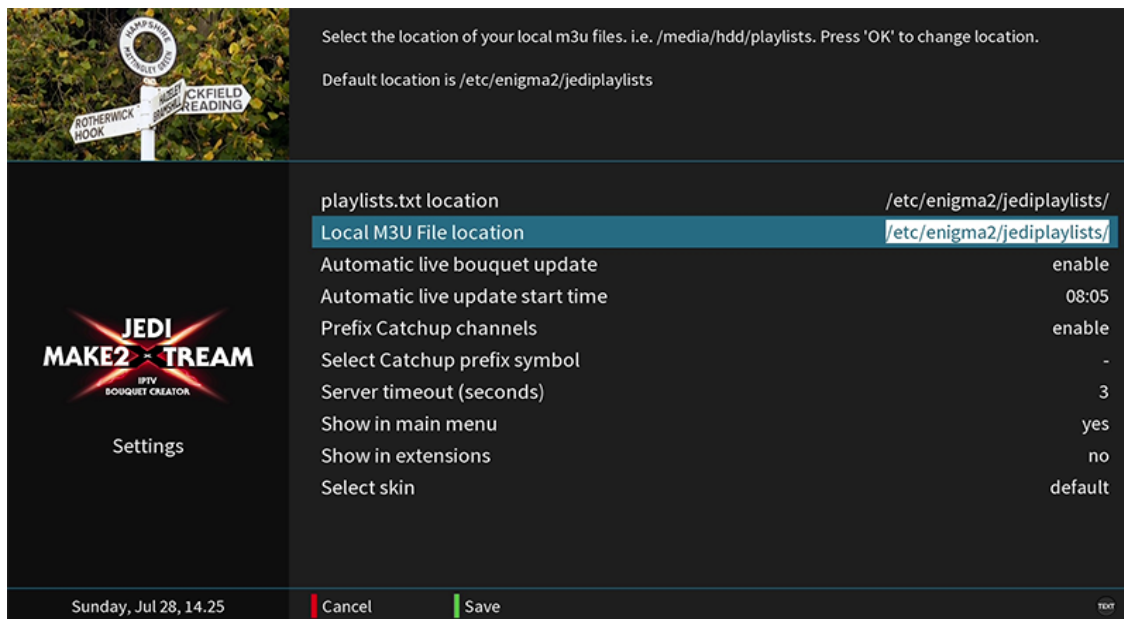
or

Code
1. #EXTM3U
2. #EXTINF:-1 , Channel Name
3. http://domain.com:25461/live/user/pass/1234.ts
```

## Add local m3u playlist

To add a local m3u file that is located on your STB box.

First set the location of your local M3U files/folder in Jedi Maker Xstream Settings.  
Leave as default or select your own location



Navigate to this location via Windows or FTP software.

Place M3U file in this location.

Enter Playlists via plugin and your M3U file should be in your playlist list.

If your playlist is not show check m3u playlist is in the correct format.

### Note:

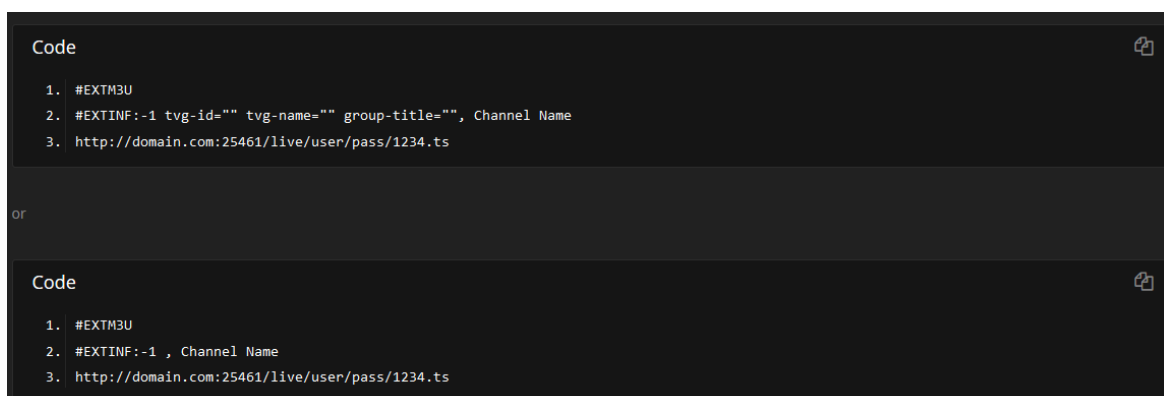
My plugin will only pick up local m3u files with the extension .m3u

My plugin will only read local M3Us that follow the standard format which looks like something below.

Must start with #EXTM3U

Description lines must start with #EXTINF :-1 or #EXTINF:-0

URL lines must start with url protocol (http:// or https://)



## View Playlists Info

Once you have entered your first playlist this will appear in Jedi Maker Xstream plugin under "playlists"

The playlists screen provides additional information.

Green L.E.D. - Line is active or M3U file is accessible. For external M3U files this might be a false positive as it's only checking the URL exists and not actually a valid M3U

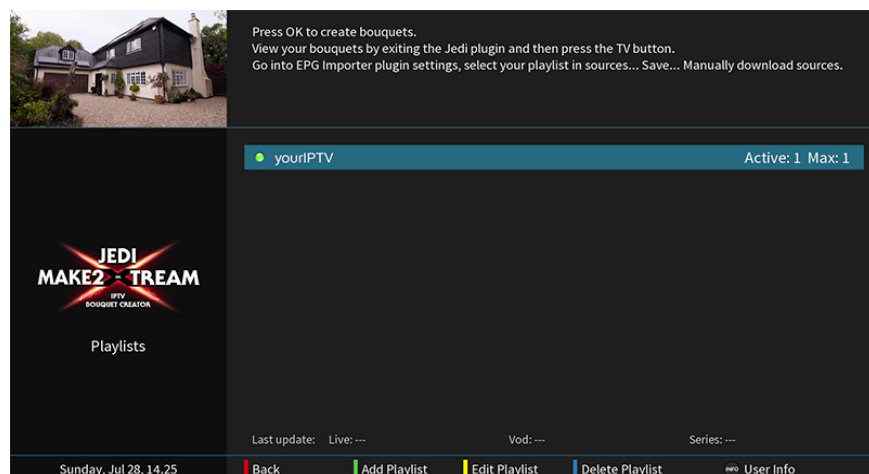
Red L.E.D. - Line is inactive / banned / disabled / Down for Maintenance. For external M3U files this will be red if the URL no longer exists.

IPTV providers have some downtime when they update their servers and streams. Your line will show RED in this period.

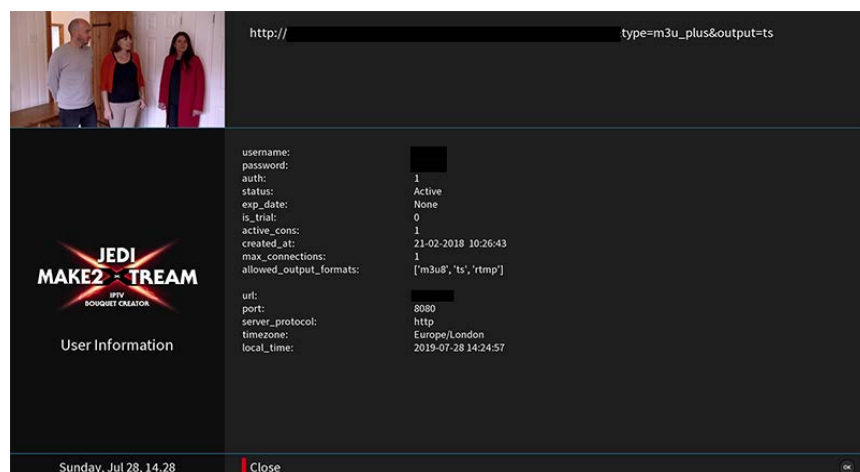
If it stays red for a prolonged period of time and you think your line should be active, contact your provider.

The playlist will also show the max connections allowed for this line, and also how many active users are currently using the line.

Note: Active count means the number of streams being currently played on various devices. Not whether that line is active or not.

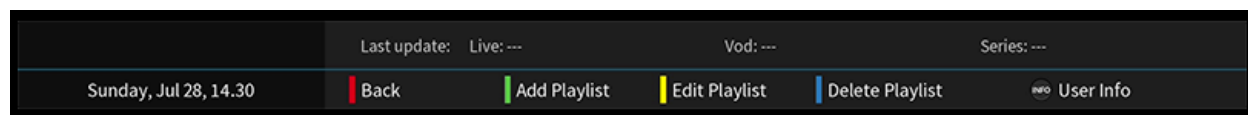


You can also get full information about your playlist by selecting your playlist and pressing the INFO button on your remote



## Edit/Delete Playlist

Once you have added your first playlist there will then be other options available under your "Playlists" option.



### Edit Playlist

This will bring up a similar screen to that of manually adding a playlist, but with the playlist details pre-filled. This screen is useful as lots of providers regularly change the domain url to avoid isp blocks, but all other details will remain the same.

Make sure you regularly check with your provider portal for the correct URL.

A screenshot of the 'Edit Playlist' screen. The left sidebar contains a small image of a house, a 'JEDI MAKE2 - TREEM' logo with 'IPTV BOUQUET CREATOR' text, and an 'Edit Playlist' button. The main area has a title 'Select the protocol for your playlists url.' and a form with the following fields: 'Protocol' (dropdown menu showing 'http://'), 'Server URL' (text input), 'Port' (text input showing '8080'), 'Username' (text input), 'Password' (text input), and 'Output Type' (text input showing 'ts'). At the bottom, there is a date/time display 'Sunday, Jul 28, 14.31' and two buttons: 'Cancel' (red icon) and 'Save' (green icon).

### Delete Playlist

This will prompt you with an "Are you sure" message.

Deleting playlist will permanently delete the reference from the playlists.txt file only. It does not delete any previously created bouquets for this provider.

If you wish to also delete any created bouquets for this provider, delete the bouquets via the main menu first, before then deleting a provider via this option.

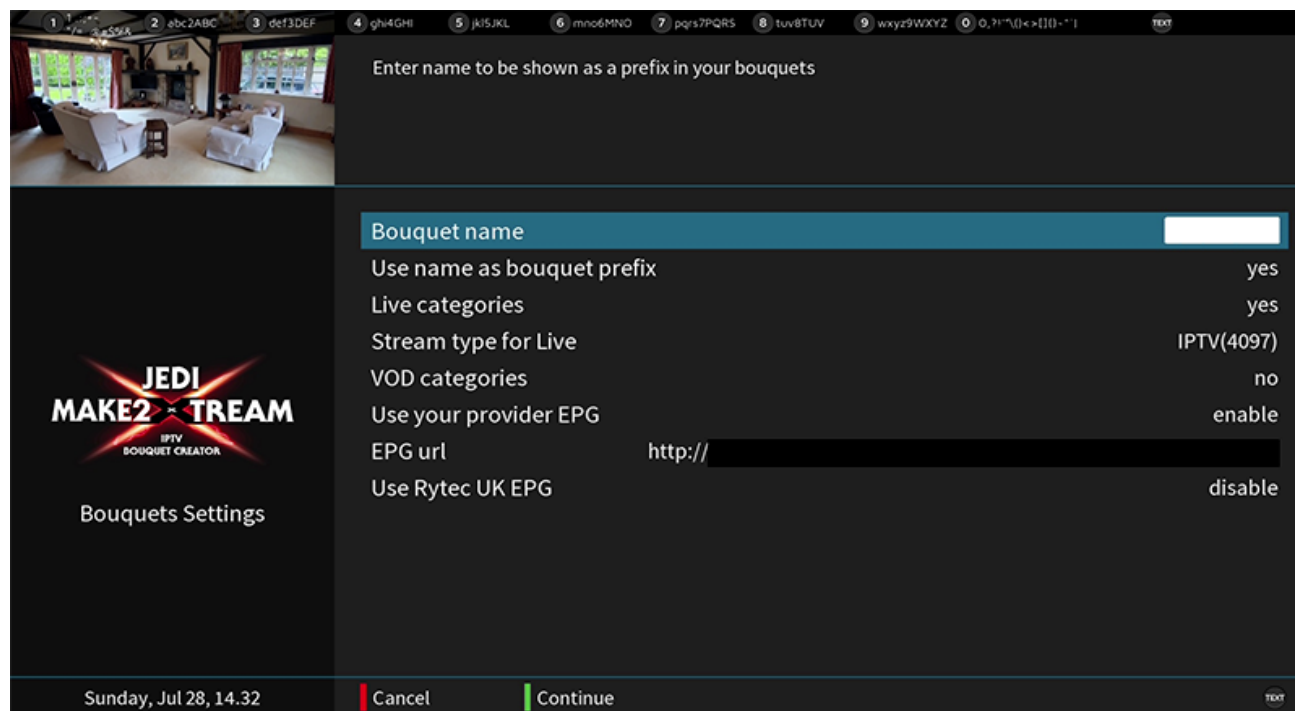
## Create Bouquets / Bouquets Settings

In Playlists, highlight your playlist and press OK to start the bouquet creation process.

### Settings - Full Explanations

You will be presented with numerous options that are specific to that playlist only.

Allowing multiple playlists to have different options if required.



### Bouquet Name

By default this is the domain url of your playlist. This value can be changed to any value except blank. If you have multiple playlists make sure this value is unique for each playlist as its this value that the plugin uses as a unique ID reference.

### Use name as bouquet prefix

When you have created your bouquets, this will either prefix the category name with the chosen 'Bouquet Name' or not. Useful to differentiate between over the air channels and IPTV or determining multiple IPTV playlists.

i.e

Sports

IPTV1 - Sports

IPTV2 - Sports

### Live categories

Select yes if you wish to build bouquets for live categories

### **Stream type for Live (live categories selected)**

Various options depending on your setup.

DVB(1), IPTV(4097), Gstreamer(5001), ExtPlayer(5002) - The latter 2 only available if you have installed one of them modules.

It is up to the user to experiment with this option to find the best option for your provider. There is no perfect setting as all providers are different.

Try a value, create your bouquets then test playing, zapping speeds, ff/rw options etc. Choose the option best for you.

If your stream is known to be active and you are only getting a black screen, try an alternative stream type.

### **VOD categories**

Select yes if you wish to build bouquets for VOD categories.

Be warned some providers VOD categories can be huge.

For initial testing it is advisable to just test LIVE first and add VOD and Series later when you understand the process.

### **Series categories**

Select yes if you wish to build bouquets for series categories.

Series categories uses a slightly different approach to downloading the data and can be a lot slower than Live and VOD creation. This is expected behaviour.

### **Stream type for VOD/Series (VOD categories or Series categories selected)**

Various options depending on your setup.

See "Stream type for Live" above for explanation.

### **VOD bouquet order (VOD categories selected)**

You can change the order that VOD categories appear in your created bouquets.

The date orders are based on date added by provider. This is not the year of release.

Original Order

A-Z (default)

Newest First

Oldest First

### **Use your provider EPG**

If your provider has its own EPG listings for its streams this option will then be added to EPG Importer plugin sources. (see "**EPG Importer Instructions for Jedi Maker Xtream**" section below)

Most IPTV providers only provide a very limited EPG for the main UK and USA channels, some sports and some movie channels. It is very rare you will get a fully populated EPG from IPTV providers.

### **EPG Url (Live categories selected)**

By default, the correct EPG URL will be added for EPG. There is no need to edit this value. On rare occasions your provider will give you an alternative EPG url to enter.

If this is the case amend the URL to the one provided. You cannot just use any EPG url as the IDs from your provider streams have to match the IDs of the EPG data.

### **Use Rytec UK EPG (Live categories selected)**

A clever hack to try and match IPTV UK channels with the EPG data provided by Rytec UK sources. Therefore giving you a more complete UK EPG.

This works by running some swap rules on the original channel name to try and match them with the names similar to Rytec UK names.

There is also an additional alias.txt file in /etc/enigma2/jediplaylists to further help this process. (See "Amending Alias.txt" section below.)

For UK users it is recommended to enable this setting.

This Rytec UK EPG is only for UK channels. It does not work with any other international channels.

### **Replace UK channel names in bouquets with swap names (Use Rytec UK EPG Enabled)**

The will amend the UK channel names in channel bouquets to that of the computed swap names.

For example.

If original channel was called

UK: Sky Sports Football FHD

If this option is enabled the swap rules will try and replace the name to match the proper channel name, and this is the channel name which will be shown in bouquets.

skysp f'ball hd

### **UK only: Force UK name swap (Use Rytec EPG Enabled)**

Normal swap rules looks for a reference to "UK" in the channel name. i.e UK: channel, Channel (UK) etc.

Not all providers prefix or suffix a channel with an international code like "UK".

This force swap looks for a "UK" reference in the Category group title instead of the channel name.

For example

Category: UK Sports

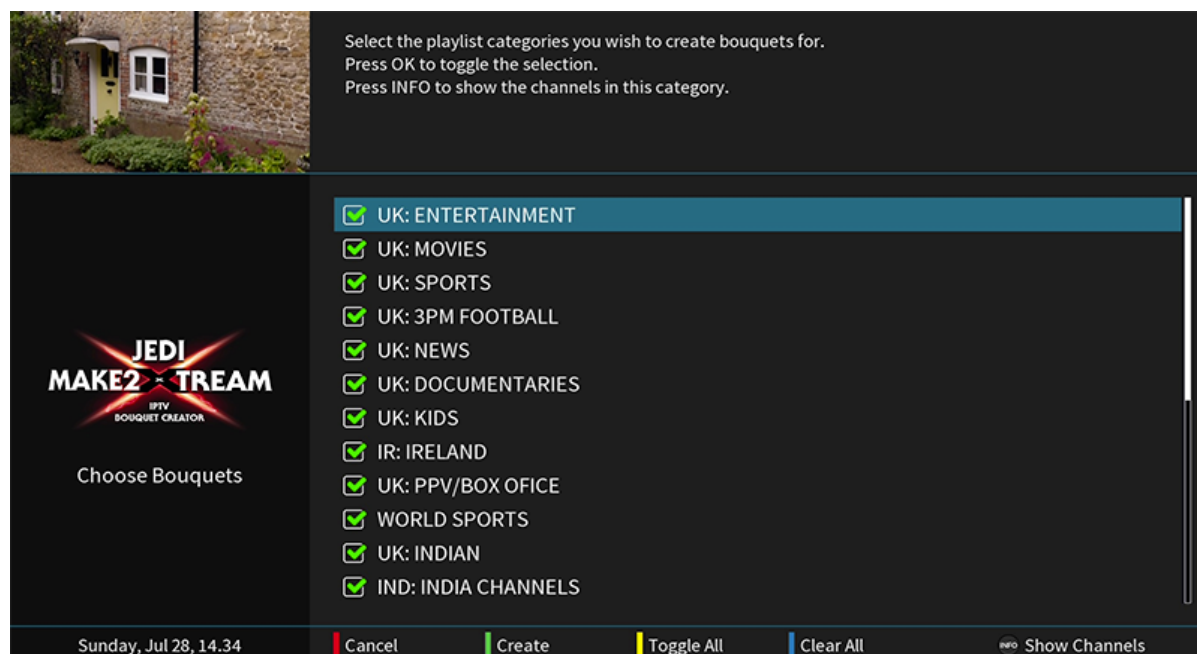
Channel: sports1

Channel: sports2

Therefore this option is only required if your channel names have not got a reference to "UK"



## Create Bouquets / Choose Bouquets



Check the categories you wish to build bouquets for.

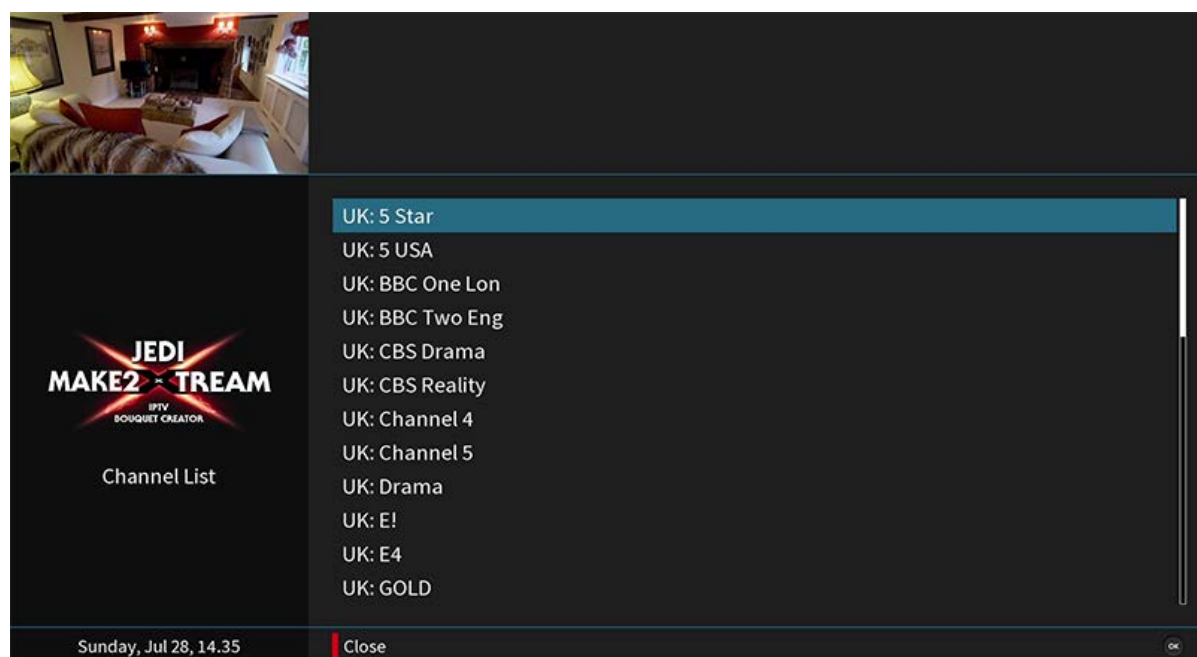
OK Button - toggle current selection

Green button - to start creating your bouquets

Yellow button - to toggle all the selections.

Blue button - to clear all / select all selections.

Info Button - view the channels in that category



Note: you cannot select individual channels. Only individual categories.

Red Button to return to Category list.

## Viewing Created Bouquets / Playing Streams

All streams are viewed via your TV bouquets and not the Jedi Maker Xstream plugin.

To access bouquets, exit fully out of the plugin until you are on live TV.

Press TV button on your remote to bring up Channel Select.

Your IPTV bouquets will be at the bottom of your bouquet list.



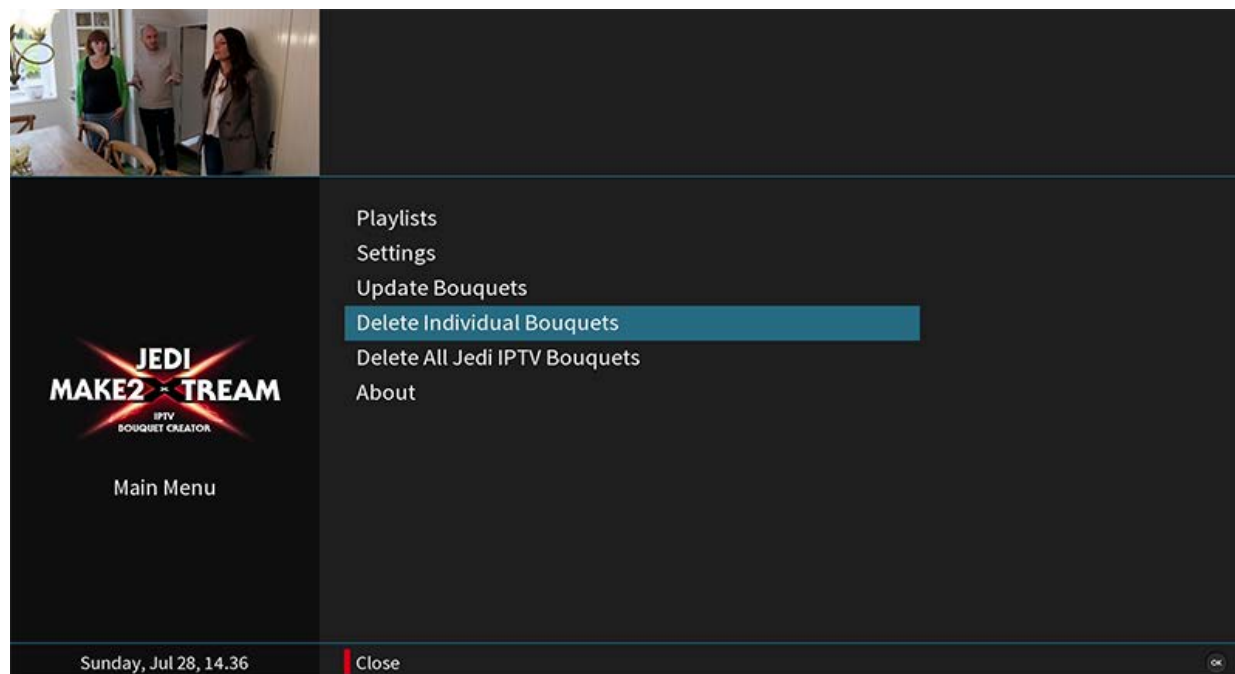
If you have entered Channel Select screen via "Up/Down" on your keypad.  
Press Blue Button (Favourites), to bring you back to the main bouquet list.

Press OK to enter Bouquet.

Press OK again to play stream. (OK twice if you have preview mode on)

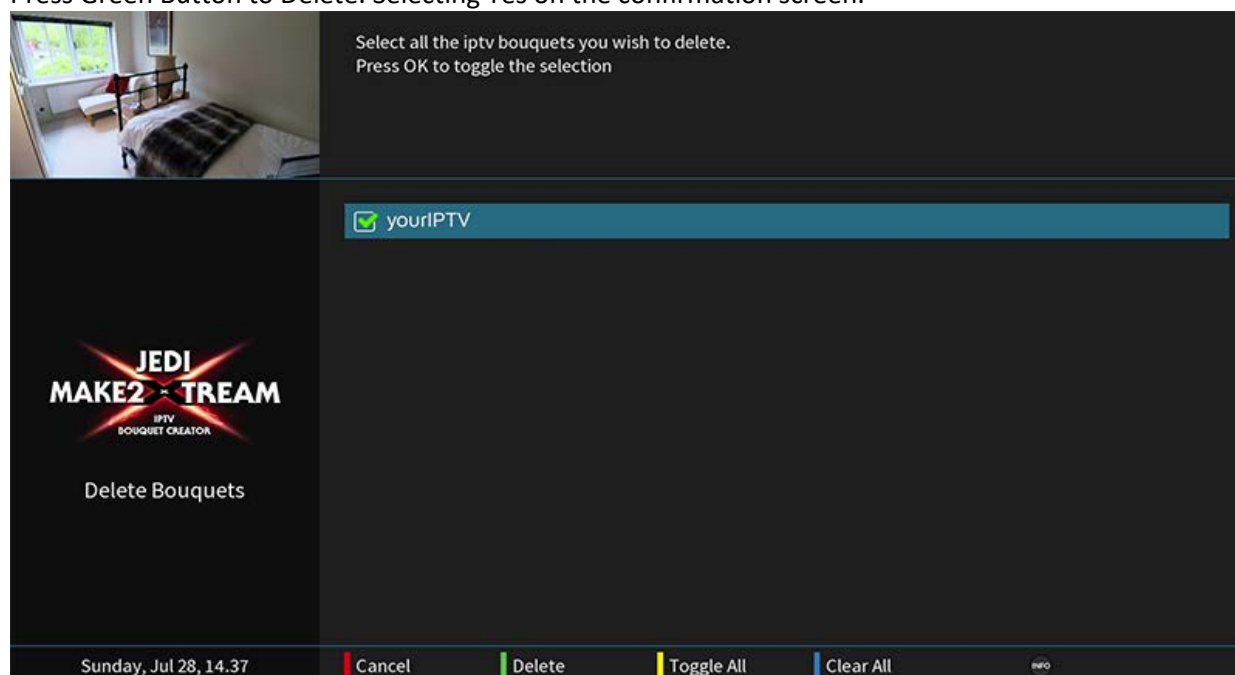
## Deleting Jedi Bouquets

To delete any bouquets created via Jedi Maker Xtream Plugin.  
Enter the main menu of the Jedi plugin. You will now see 2 new Delete options.



## Delete Individual Bouquets

This will bring up a list of providers that you have created bouquets for.  
Press OK button to Check the ones you wish to delete.  
Press Green Button to Delete. Selecting Yes on the confirmation screen.

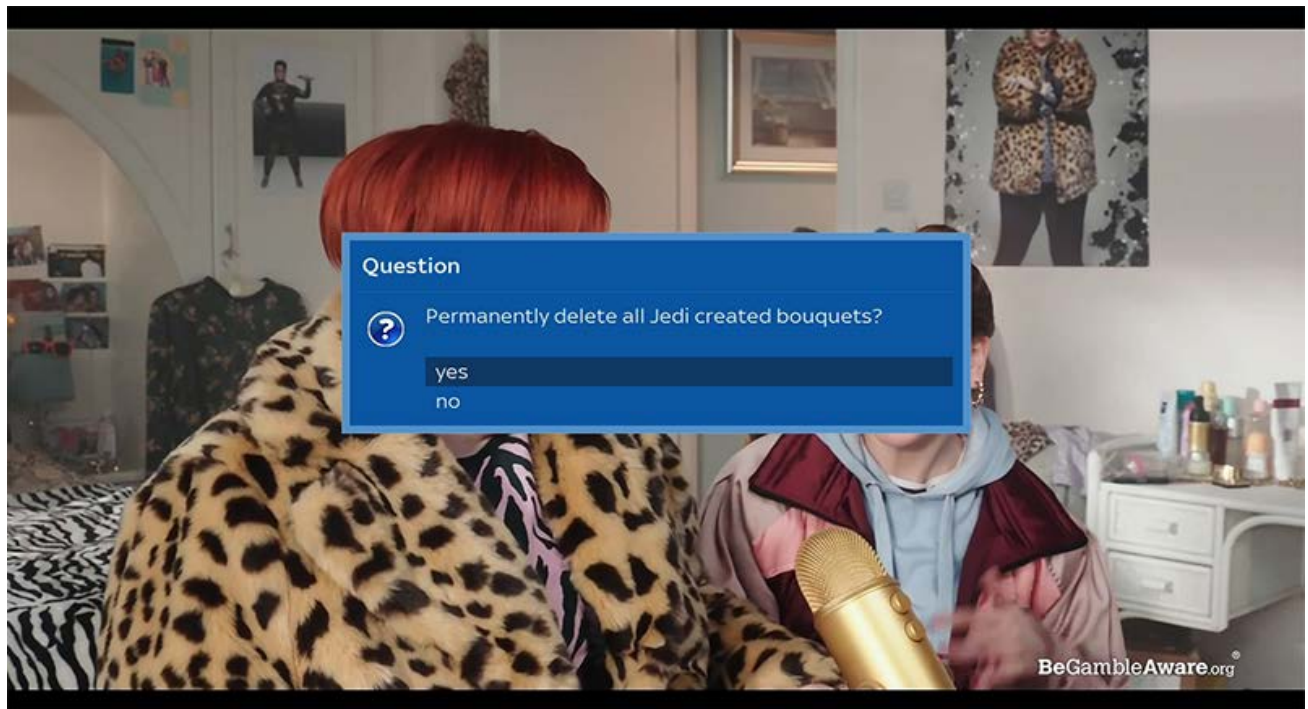


## Delete All Jedi IPTV Bouquets

This will delete ALL IPTV bouquets created via Jedi Maker Xstream Plugin.

Other bouquets from scans, ABM, other IPTV plugins or personal bouquets will not be deleted.

This function will only delete the created bouquets. It does not delete the playlists.



## Updating Bouquets

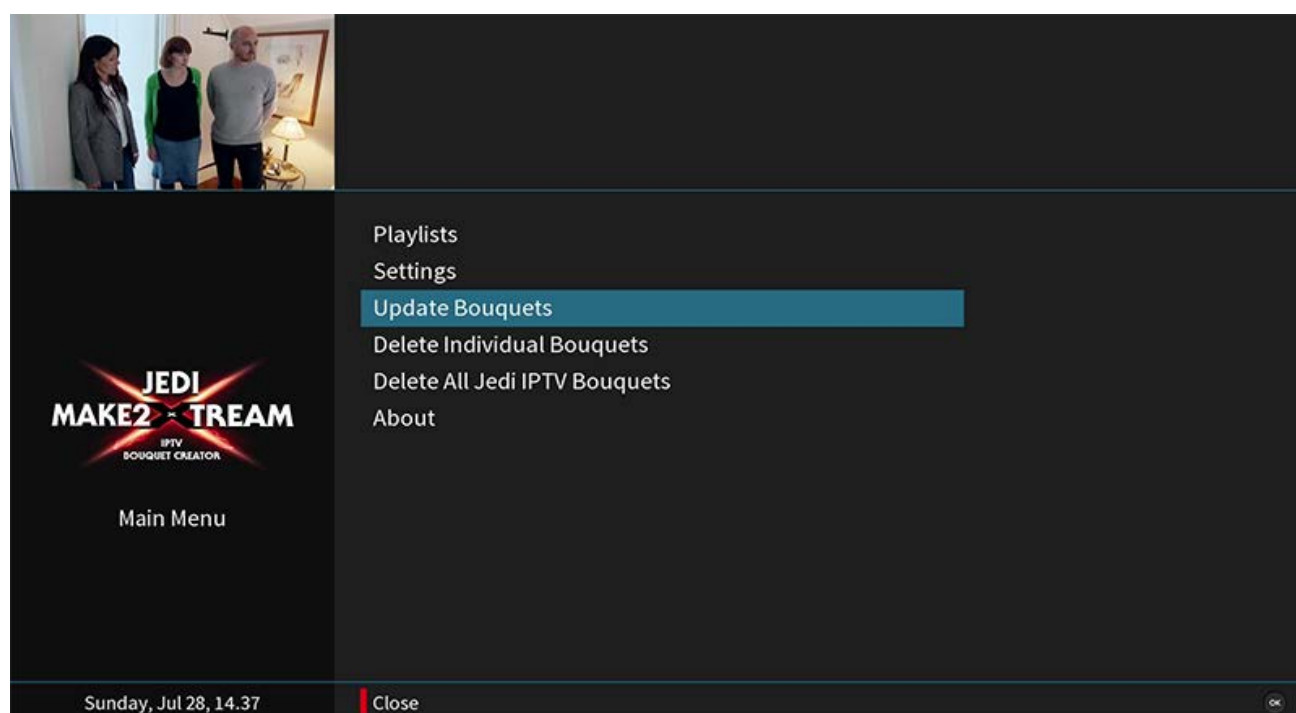
There are 2 options for updating your IPTV bouquets.

Auto update via a specific time set in the main Jedi settings or Manual update via the Jedi Maker Xstream main menu.

To manually update and download the latest streams for your providers.  
press OK on the Update Bouquets.

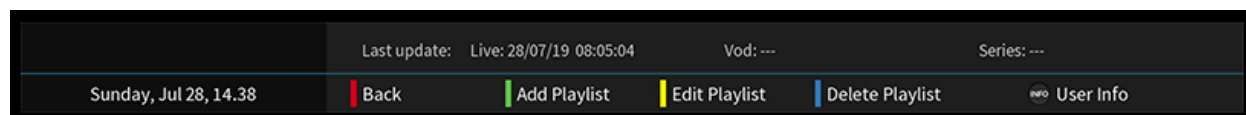
This will update all existing Jedi Created IPTV bouquets, for all providers.  
You will see an on screen progress of the providers being updated.

Upon completion visit Channel Select screen to view your updated lists.



If you wish to know when the last update time was for a particular provider.

Go into "Playlists" in Jedi and highlight the provider you wish to see the update information for.  
Details will be shown at the bottom of the playlists screen.



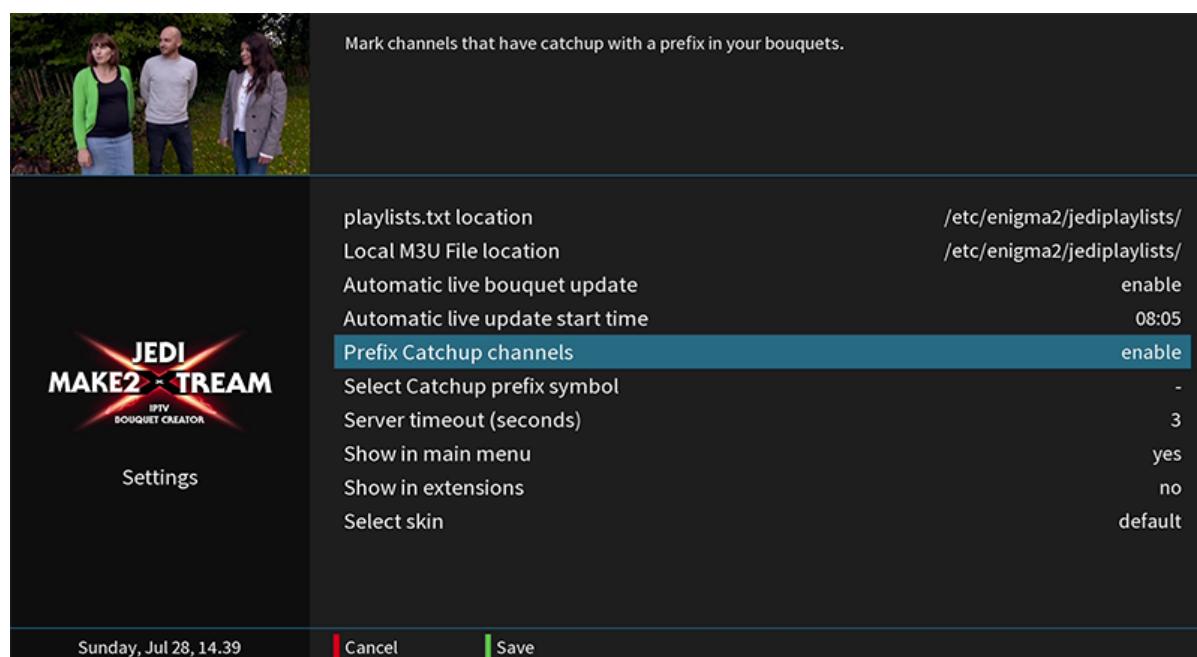
## Catchup / TV archive

Jedi Maker Xstream now has the option of viewing catchup channels if your IPTV provider has catchup channels.

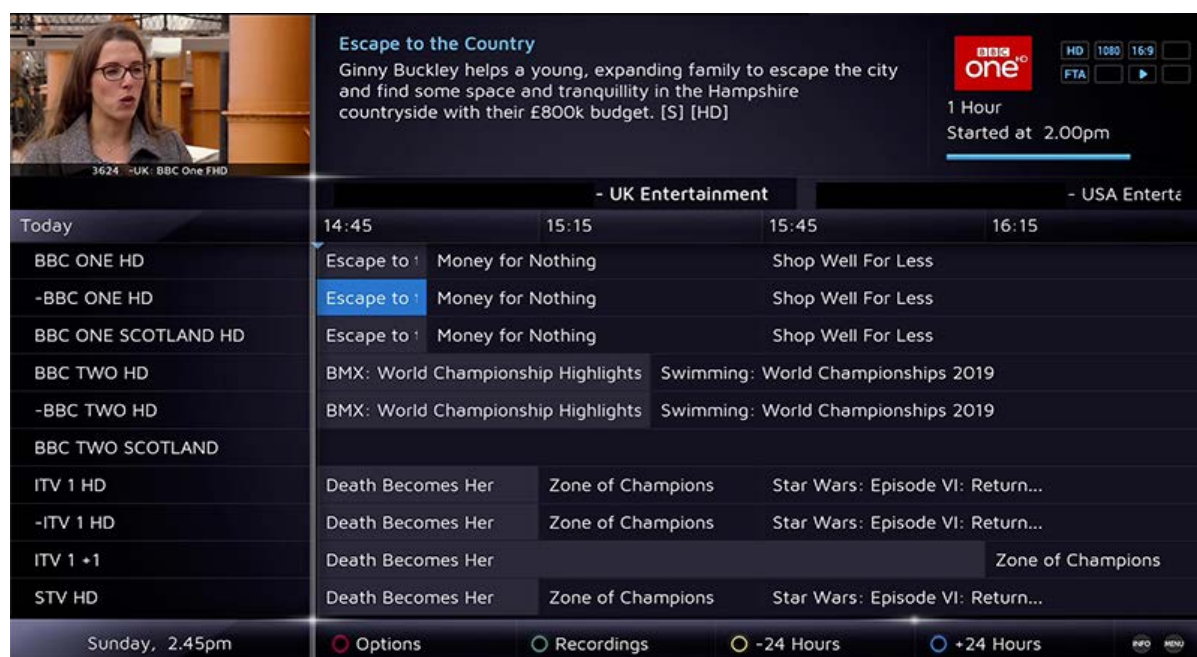
Catchup allows the viewing of older programmes a bit like BBC Iplayer or ITV catchup.

Not all IPTV providers have catchup, and those that do can vary between 2 - 7 days

Firstly turn on catchup in Jedi Main settings and select the desired prefix character.



If your provider has IPTV catchup this will be shown in your EPGs screens via your chosen character prefix. In the below example with an "-" prefix.



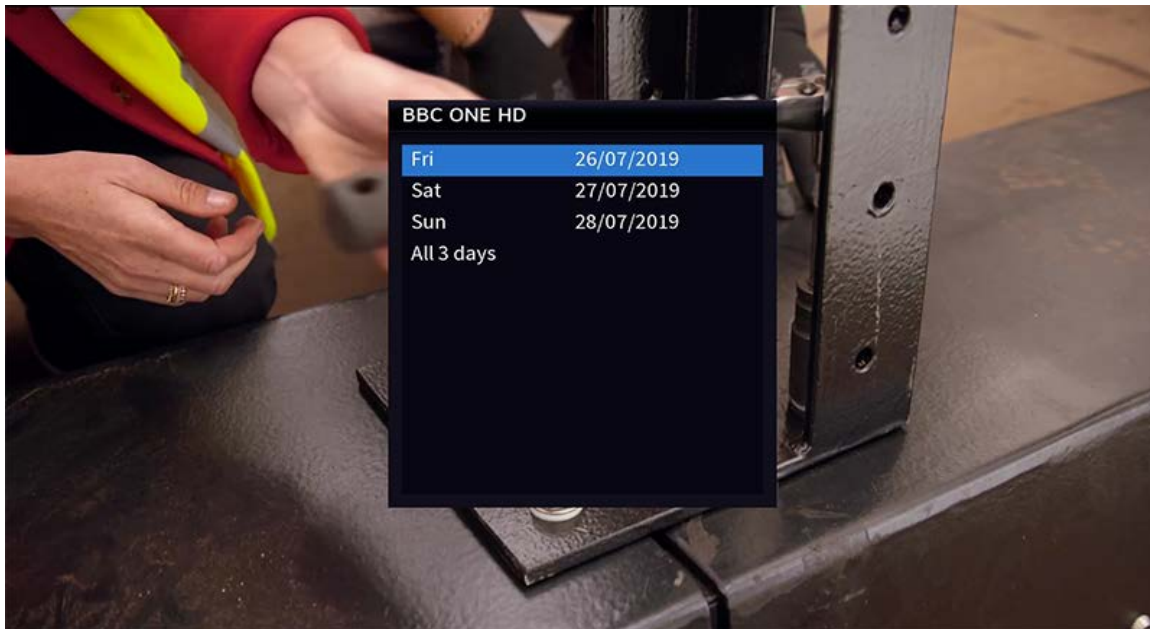


(Note: catchup cannot currently be triggered via "Channel Select" screen, only the main EPG screens.)

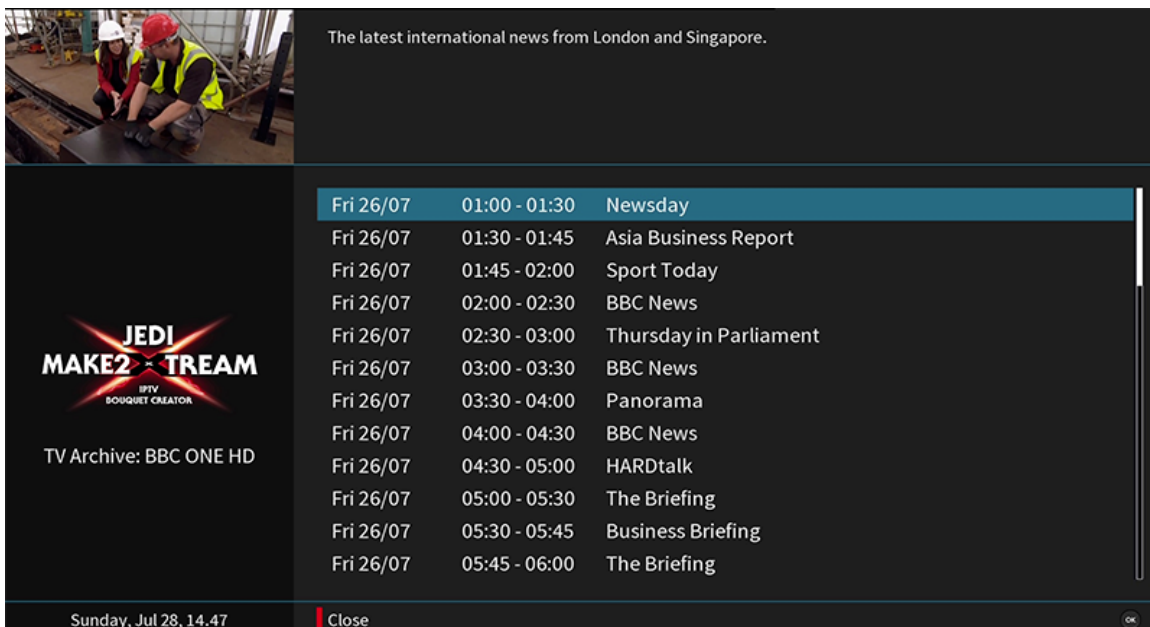
When in an EPG, highlight a channel that has catchup and press one of the trigger buttons on your remote to bring up your Catchup options for that channel.

(Stop, List, PVR, File, Fav).

This will then show you your available catchup days for this channel.



Press OK on the selected date or All days.



Press OK on the desired stream. This will then open and play in Movie Player. Where you can Fast Forward / Rewind / Pause / SEEK just like playing any other recording.

On exiting out of movie player, you will be presented with the catchup channel list again. Either select another to view, or exit out of the screen to return you back to live TV.

## EPG Importer Instructions for Jedi Maker Xstream

Open EPG Importer Plugin.

OpenATV is

Menu > Setup > EPG > EPG Importer

Automatic import EPG: enabled

Automatic start time: (set a time later 5 or 10 mins than your Jedi Maker Xstream auto update time)

Clearing current EPG before import: Yes

Load long descriptions up to X days: 7

Save Settings

Now press the Blue Button (sources), to select your Provider EPG.

### Provider EPG

Find your IPTV provider in the source list. (usually at the bottom).

Press OK on your provider group.

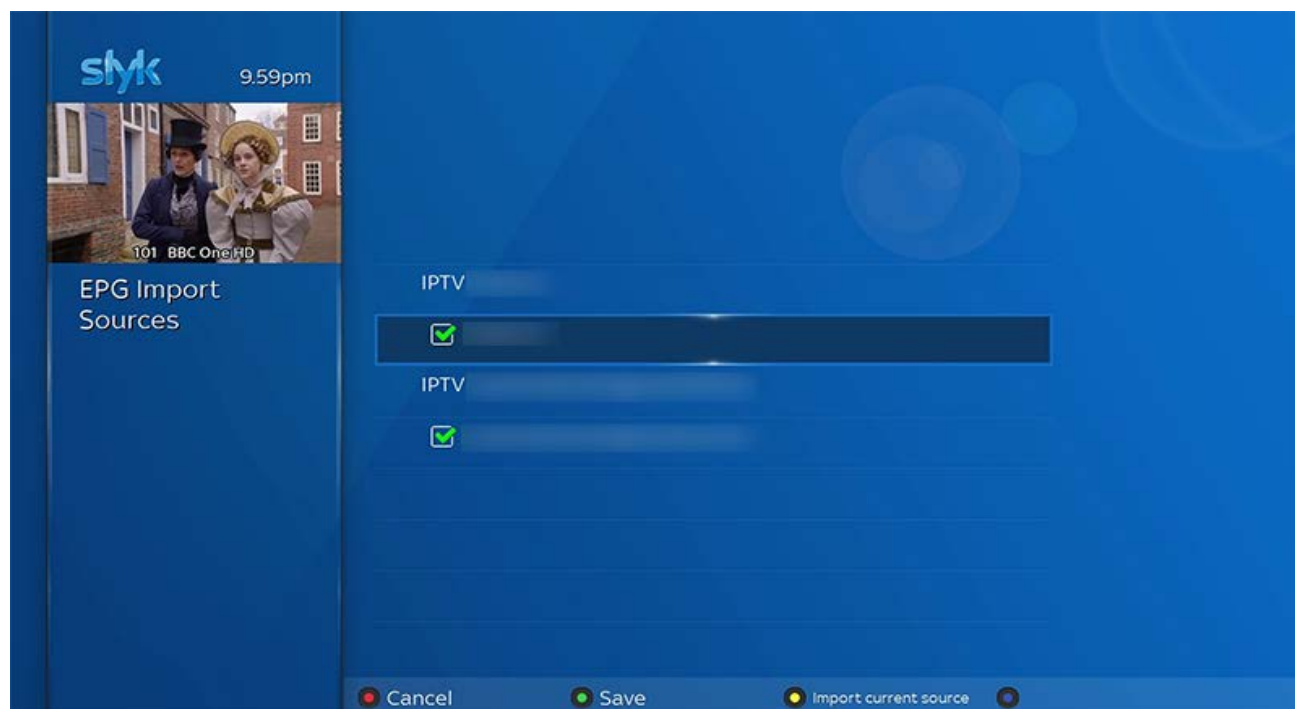
Press OK to select/checkbox your provider

Press Green Button (Save)

Note: you DO NOT have to uncheck Rytec UK sources if using provider EPG.

On the main EPG importer setting page...

Press Yellow Button (Manual) to start the epg import.



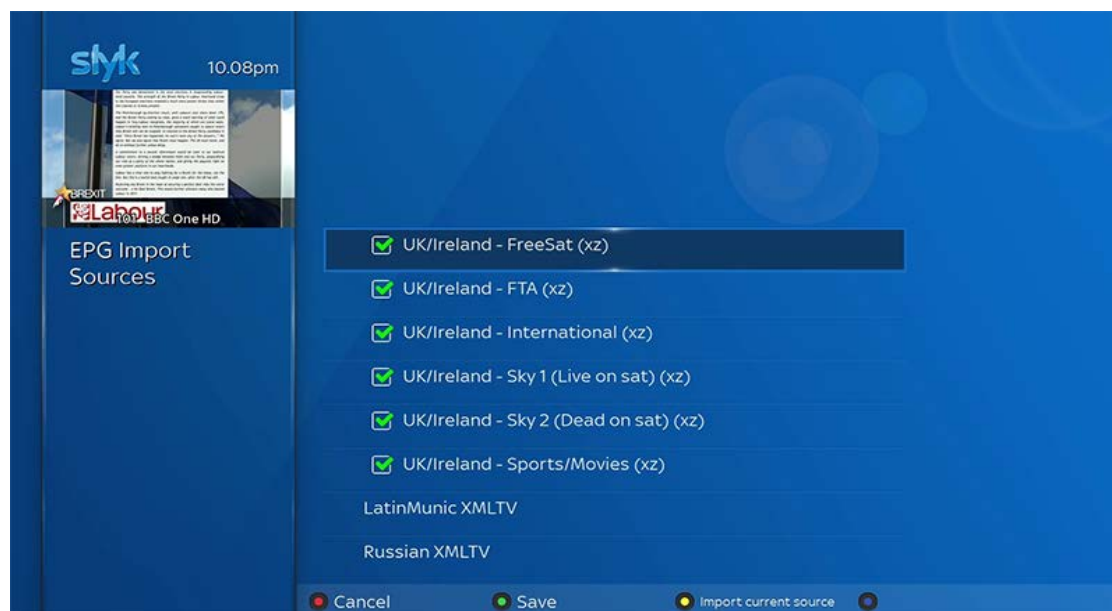


## Rytec UK EPG

If in Jedi Maker Xstream bouquet creation settings you have chosen to try and populate UK IPTV EPG via Rytec UK

Go in EPG importer Sources

If you have previously selected your EPG IPTV provider source, you need to now uncheck any IPTV provider sources. Otherwise they will clash with Rytec sources.  
Then select all the Rytec UK Sat/Virgin XMLTV sources.



Press Green Button (Save)

On the main EPG importer setting page...

Press Yellow Button (Manual) to start the epg import.

## Amending alias.txt for use with Rytec UK

The main purpose of alias.txt file is if you have selected to use rytec UK EPG sources instead of the provider EPG.

My plugin has lots of rules to try and convert your provider channel name to the same name as used by Rytec UK so will already make the correct name swap most of the time.

But as every provider names their channels differently, my swap rules don't always work 100% of the time, especially with provders who name their channels unusually.

Therefore alias.txt file is your own swap rules file to help convert your provider named channels into Rytec UK named channels.

The alias.txt file can be found here on your box.

/etc/enigma2/jediplaylists/alias.txt

(see Adding xstream playlist - via playlists.txt file post above on how to access files on your box)

The alias.txt file looks like this

### Code

```
1. [
2.
3. ["3e", "3e ireland", "virgin two", "virgin media two", "virgin media 2", "vm 2"],
4.
```

The first value in each list is the Rytec UK name (do not change the first value).

Everything after this first value is a substitute name that your provider might have called that channel. I have have pre-filled lots of channels based on providers I have tested.

Now how do you know what to add to this file?

In Jedi Maker Xstream, when creating your bouquets...select these settings.

Use Rytec UK EPG: enable

Replace UK channel names in bouquets with swap names: enable

(this will add in my plugins swap rules and change the name so you can easily see what to add to alias.txt file)

Bouquets Settings	Use Rytec UK EPG	enable
	Replace UK channel names in bouquets with swap names	enable
	UK only: Force UK name swap	disable

Create your bouquets as you would normally.

Then go into EPG importer

Select all Rytec UK Sat/Virgin XMLTV sources

Unselect all provider sources

(as described in the above post.)

Then manually download EPG.

go into channel select (TV Button from live tv.)

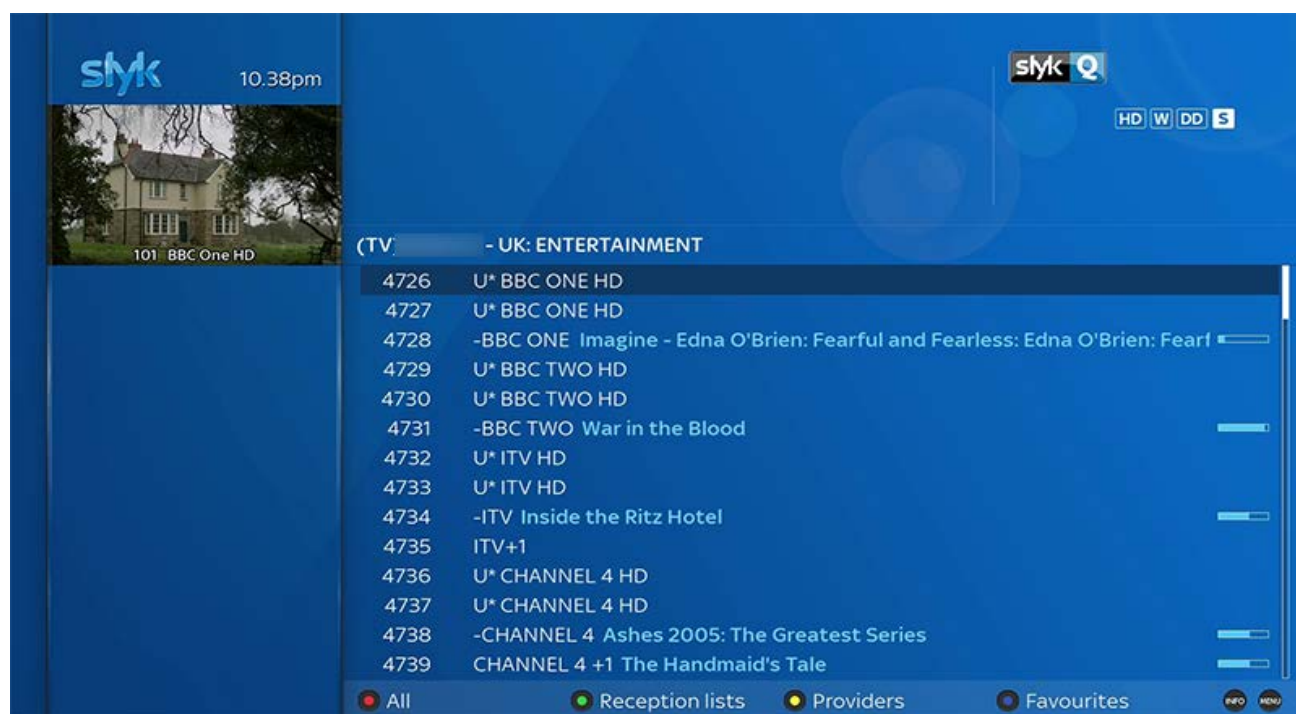
Check your UK IPTV channels for any missing EPGs.

Now here is an example of an IPTV provider that names its channels in an unusual way.

Notice how my plugin has added EPG to some of the normal named channels. But there is lots of gaps due to the provider using a "U\*" prefix for some channels.

My rules will not pick up this unusual prefix.

You can ignore the catchup prefix "-" as these are ignored anyway.



So I would need to find these channels in the alias.txt file and add the new swap names. Make sure when adding a new swap name it is all lower case.

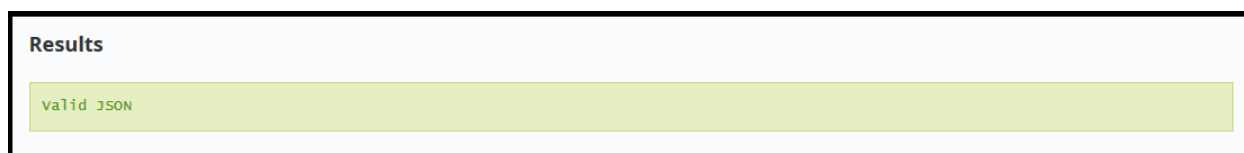
Add in , "name" for each new alias

["bbc one hd", "bbc 1 hd", "bbc1 hd" , "u\* bbc one hd"],

Amend all the UK channels you need to.

Please check the format of the alias.txt after any amends as any errors will break the whole file and it will then not be read at all.

Use <https://jsonlint.com/> to test the file after amending it.



Now upon saving alias.txt file and doing a manual update of bouquets via Jedi Maker Xtream plugin. Your changes should have been applied.

No need to redownload EPG sources. Just manual update via Jedi is needed.



Rinse and repeat for all the UK channels that haven't got an EPG.

Note: Rytec UK doesn't 100% populate all channels. The odd channel is blank. If you think you have entered the name correctly in the alias.txt file and still getting blanks, then maybe Rytec doesn't currently have EPG for that channel. Skip it and move onto the next.

(if you have edited this file it is advised to back it up before updating Jedi Maker Xtream plugin, as a version update will override this file)

If you think this User guide is missing anything or the instructions are confusing.

Please comment in the main Jedi Maker Xtream thread.

[JEDI MAKER XTREAM \(IPTV Bouquet Creator\)](#)

KiddaC