

MP Development

Overview

The purpose of this section is to make information available for developers of the MediaPortal project and MediaPortal plugins. If you want to contribute code, see this page: [Submit Patches](#)

Development

The following resources will assist you in learning about developing for MediaPortal.

Coding Guides

- [Coding Standards](#) - Guidelines on the development process, and code layout.
- [Avoiding Statics](#)
- [Patch Policy](#) - How patches should look and be submitted.

Roadmaps and Development Progress

- [MediaPortal 1](#)
- [TV-Server](#)
- [DeployTool and NSIS](#)

GitHub (Git)

MediaPortal 1 source code is located at GitHub (<https://github.com>).

- How to get the MediaPortal 1 source code from GitHub - [Cloning GIT repository](#)
- Follow commits from GitHub - [Commit history in GitHub](#)
- Fork MediaPortal 1 repository and participate in the development -

MediaPortal

If you would like to learn more about how MediaPortal works, see the following:

Architecture

- [Skin Architecture](#)

Compiling and Debugging

- [Compiling MediaPortal](#) - Instructions on how to compile the MediaPortal source code.
- [Debugging MediaPortal](#) - Instructions on how to run a debug build of MediaPortal.

Plugin Developer and Skin Designer Guides (How To)

Please ensure you fully understand the above mentioned topics before developing your own Plugin/Skin. Following the above Standards will make it easier for others to understand what you are trying to do within your code if support is required.

- [Plugin Developers Guide](#)
- [Skin Designer Guide](#)

TV-Server

Documentation

1. [TV Card Algorithm](#)
2. [Sources](#)
3. [Remote control documentation](#)
4. [Tv Library documentation](#)
5. [Writing TV-Server plugins](#)
6. [Using TV-Server events in your plugin](#)

Examples

1. Example 1: Connect to the tv server and list the status of all cards
2. Example 2: Timeshifting

Debugging

1. Creating Dumps of RAW Transport Stream
2. Memory Dumps

3rd Party Plugins Compatibility

Changes between MediaPortal releases which require update of all plugins

- [MP Development](#)
 - [Avoiding Statics](#)
 - [Building MediaPortal from source](#)
 - [Class Library](#)
 - [Coding Standards](#)
 - [Debugging](#)
 - [DeployTool and NSIS](#)
 - [Documentation Standards](#)
 - [Mantis Bug Tracker](#)
 - [Patch Policy](#)
 - [Road Maps](#)
 - [Subversion \(SVN\)](#)
 - [TV-Server Development](#)

DeployTool and NSIS

TV-Server

- TV-Server installation system (NSIS)