

Compiling

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This page is work-in-progress!

Overview

Instructions on how to compile the MediaPortal 2 source code

Compiling with Visual C# 2015

Install the free [Visual Studio 2015 Community Edition](#) from Microsoft.

Compiling a 'Release' version

The Release build configuration is used for productive builds. During development and for debug builds, use the Debug build configuration. To compile MediaPortal 2 in the Release build configuration, follow these simple steps:

Start Visual Studio 2015

Open any of the following solution files

- Source\MP2-Client.sln
 - Source\MP2-Server.sln
 - Source\MP2-ServiceMonitor.sln
 - Source\MP2-Setup.sln
- Set the active build configuration to 'Release'
 - Set the active platform to 'x86' *
 - Select Build->Rebuild solution

The output will be located in

```
Bin\MP2-Client\bin\x86\Release\
```

for the client

```
Bin\MP2-Server\bin\x86\Release\
```

for the server

```
Bin\MP2-ServiceMonitor\bin\x86\Release\
```

for the service monitor

```
Bin\MP2-Setup\Release\en-us\
```

for the setup

Compiling a 'Debug' version

The Debug build configuration is used during development. To compile MediaPortal 2 in the Debug build configuration, do the following steps:

* Start Visual Studio 2010 / 2012 * Open the solution file

```
Source\MP2-Client.sln
```

or

```
Source\MP2-Server.sln
```

or

```
Source\MP2-ServiceMonitor.sln
```

or

```
Setup\MP2-Setup.sln
```

- Set the active build configuration to 'Debug'
- Set the active platform to 'x86'
- Select Build->Rebuild solution

The output will be located in

```
Bin\MP2-Client\bin\x86\Debug\
```

for the client

```
Bin\MP2-Server\bin\x86\Debug\
```

for the server

```
Bin\MP2-ServiceMonitor\bin\x86\Debug\
```

for the service monitor

```
Bin\MP2-Setup\Debug\en-us\
```

for the setup



Important Note

MediaPortal 2 does not work in 'Any CPU' configuration. All projects have been disabled from compiling in the 'Any CPU' configuration.

Compiling with MSBuild

MSBuild comes with the .NET SDK and is a command line tool to build software by using the project files that Visual Studio creates.

The following batch files for compiling with MSBuild are already included in the repository:

```
Build\MSBUILD_Rebuild_Release_Client.bat
```

for the client

```
Build\MSBUILD_Rebuild_Release_Server.bat
```

for the server

```
Build\MSBUILD_Rebuild_Release_ServiceMonitor.bat
```

for the service monitor

```
Build\MSBUILD_Rebuild_Release_Setup.bat
```

for the setup

You have to run each batch file, one by one. Do not run more than one at the same time.

After the builds are successfully completed, your freshly compiled MediaPortal is available in:

```
Bin\MP2-Client\bin\x86\Release
```

for the client

```
Bin\MP2-Server\bin\x86\Release
```

for the server

```
Bin\MP2-ServiceMonitor\bin\x86\Release
```

for the service monitor

```
Bin\MP2-Setup\Release\en-us
```

for the setup