

Building amarok with NMM Support

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1. About

amarok (<http://amarok.kde.org>) is a feature-rich KDE media player that supports different audio engines. This document describes how you can set up amarok with NMM support.

2. Mandatory Dependencies

amaroK with NMM engine support requires several packages installed on your system in order for it to compile. The following packages (or higher versions of them) are absolutely required:

- KDElibs 3.3 (www.kde.org (<http://www.kde.org>))
- TagLib 1.4 (developer.kde.org/~wheeler/taglib.html (<http://developer.kde.org/~wheeler/taglib.html>))
- NMM 0.9.0 (graphics.cs.uni-sb.de/NMM/ (<http://graphics.cs.uni-sb.de/NMM/>))

Make sure you have installed these first.

3. Download

Download the latest amaroK source tarball (http://sourceforge.net/project/showfiles.php?group_id=84099).

4. Installation

Extract the previously downloaded tarball, e.g.:

```
% tar xjf amarok-1.3.4.tar.bz2
```

Change into the directory that was extracted from the tarball, e.g.:

```
% cd amarok-1.3.4
```

Build amaroK with the following commands:

```
% ./configure --with-nmm
% make
% su -c 'make install'
```

The configure script will tell you if you miss mandatory dependencies or if it can't find required header files or libraries. If necessary, specify the locations of the needed includes and libraries with *--with-extra-includes=/path/to/extra/includes* and *--with-extra-libs=/path/to/extra/libs*, respectively.

If you have chosen to install amaroK to a different directory than the KDE installation directory, e.g. because you're not root, amaroK probably won't be able to find its plugins. This is because amaroK's plugins are registered as KDE services, which are usually installed in the `/usr/share/services` directory (depending on where KDE has been installed). That's why you have to add your amaroK installation path to the `KDEDIRS` variable, which enables KDE to find the amaroK services. This variable has to be set before KDE starts - you can do it for example in your `~/.xsession` file. Here is a sample `.xsession`:

```
#!/bin/sh  
  
export KDEDIRS=/path/to/amarok  
exec /usr/bin/x-session-manager
```

Alternatively, you could copy the share directory from your amaroK installation directory to your ~/.kde directory (KDE searches by default for configuration files in ~/.kde).