



Arkuda Media Renderer SDK

Cross platform software development kit for developing UPnP/DLNA solutions for connected consumer electronic devices - PC, set-top boxes, printers, Tablet PCs, mobile devices, etc.

Its modular architecture provides integration within existing systems, customization and building into new device classes.

Available for the majority of existing platforms from desktop to embedded systems.

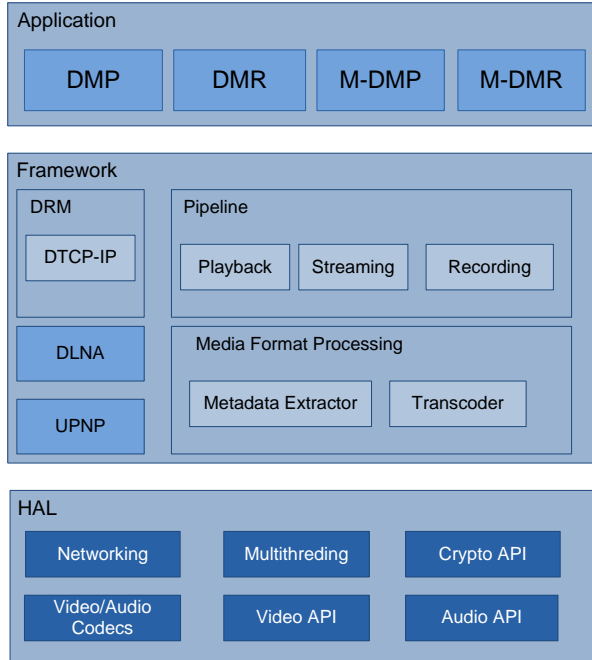
Features

- ✓ Supports most media formats
- ✓ Supports wide range of DLNA profiles
- ✓ Extendable pipeline
- ✓ Bookmarks support
- ✓ Multiple network interfaces
- ✓ Provides a wide set of components to build your own media device
- ✓ Cross-platform solutions
- ✓ C/C++ Application Programming Interface
- ✓ Java Application Programming Interface
- ✓ POSIX API based
- ✓ Real-Time systems capable
- ✓ Support for generic platforms - Windows, Linux, Mac OS X, QNX
- ✓ Support for mobile platforms - Android, iPhone, Symbian, Windows Mobile, and Embedded Linux
- ✓ Plug-in extendable
- ✓ Component based – smooth integration within existing system
- ✓ DRM support
- ✓ Fully documented API

Business Values

- ✓ **Time to market**
You can quickly and effortlessly implement any needed functionality or design any application without special skills in UPnP/DLNA area
- ✓ **Cost effectiveness**
You use a turnkey toolkit instead of expending your funds on developing in-house solution
- ✓ **Flexibility**
Arkuda Media Controller SDK has a component architecture that simplifies integration into existing or developing system and allows using only needed functionality and modules
- ✓ **Competitive advantage**
Your products developed with Arkuda's SDK will present the latest trends in a digital entertainment technology
- ✓ **Reliability**
Our SDK passed tests for different use cases in a variety of environments

Architecture



Package components

Core

- ✓ Arkuda Media Renderer SDK dynamic libraries
- ✓ Project files and build tools

Documentation and Support

- ✓ Complete API documentation
- ✓ Sample Media Player code
- ✓ Developers Guide
- ✓ Several maintenance plans

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Services

Arkuda Digital provides integration, support and maintenance services to help you derive more benefits from using the SDK and sooner present your new products to the market.

We offer customized services based on your needs and requirements, such as software integration within existing system, building into new device classes, porting to a different platform, adding extra features and functionality, providing support for additional media formats, and etc.

We provide assistance in passing DLNA and UPnP certification.

Our experienced professionals provide support that works best for you.

Implementation solution samples



ArkMC- allows to browse local UPnP/DLNA servers and local playback on mobile phone

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