



Arkuda Media Controller SDK

It is a cross platform software development kit that delivers UPnP and Media Network functionality to PC, set-top boxes, consumer electronics and mobile devices.

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

- ✓ Complete server control:
 - Discovery and removal
 - Event subscription and management
 - State variables update
 - Media browsing
 - Parental control
 - Media searching, sorting, filtering
- ✓ Complete renderer control:
 - Renderer discovery and removal
 - Playback and sound control
 - Trick mode
 - Presets
 - Bookmarks
- ✓ Multiple Controller instance
- ✓ Multiple network interfaces
- ✓ Provides wide set of components to build your own media device
- ✓ Cross-platform solutions
- ✓ C/C++ Application Programming Interface
- ✓ C++ 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
- ✓ HTTP transport

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**

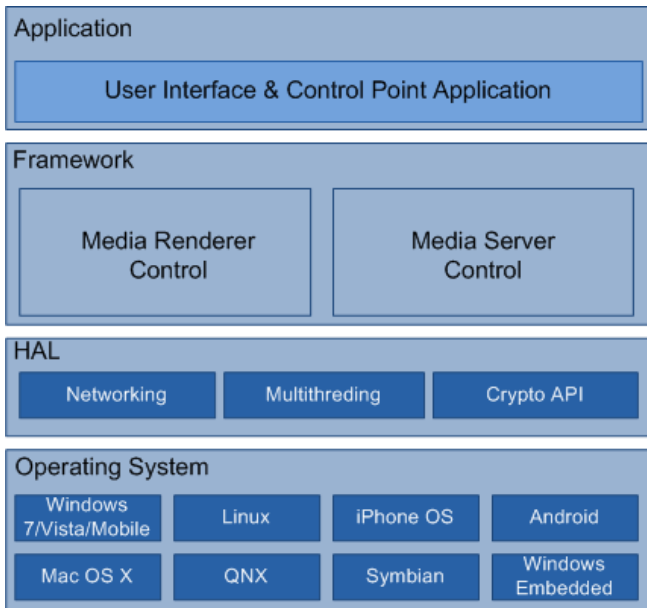
You use a turnkey toolkit instead of expending your funds on developing in-house solution
- ✓ **Flexibility**

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 multimedia functionality provided by 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 Network SDK dynamic libraries
- ✓ Project files and build tools

Documentation and Support

- ✓ Complete API documentation
- ✓ Sample Control Point code
- ✓ Developers Guide
- ✓ Support

Contact information

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Services

Arkuda Digital provides integration, support and maintenance services to help you derive more benefits from using your 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.

Our experienced professionals provide support that works best for you.

Implementation solution samples

using Arkuda Media Controller SDK.



Mobile Media Controller- allows to control all UPnP and DLNA compatible devices in local network from mobile phone

Locations:

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If you are interested in our services or any product by Arkuda Digital, please contact us for further queries.