

Interactive Application Builder

Christie Pandoras Box Widget Designer

Innovative. Versatile. Reliable.

The Christie Pandoras Box Widget Designer is an advanced control surface creation framework, that lets you create dedicated user interfaces and interaction logic by simply connecting visual control components.

A rich feature set for visual node based programming is available to create customized show-control scenarios. Adding simple scripting makes programming more efficient and powerful.



Customized Widget Designer Interface

The great number of features are all based around the idea, that even non-programming specialists should be given the tools to create truly immersive interactive experiences for their customers.

With the embedded node programming environment users can route and set up almost any possible control scenario. Easily interact with sensors and data sources to route input data to any other output protocol such as Art-Net, Midi/MSB, TCP/UDP, DMX or RS-232/-422 devices.

Create custom interfaces for clients to interact with the system, or create individual sets of faders and cue controls for your specific show control demands.

Easily create large scale multi-touch applications for several users who are then able to interact with the content. Scaling, rotating and moving video content can become an interactive experience.

HTML User Interface

The Widget Designer interface is based on HTML-5 and features the possibility to style and manipulate complete pages or single widgets due to internally used CSS3 styles. Those can be imported and applied to the local user interface. Web designers can easily style customized control panels for a variety of different users and applications.

Web Server

The integrated web server, which also drives the native Widget Designer interface, can publish all created pages to external browsers on any kind of device. Remotely control shows with your customized self-designed interface from a tablet, smart phone or computer.

Unlimited Web-Clients Option

The web server can host multiple sessions of Widget Designer. This means that multiple pages can be controlled independently of one another from an unlimited amount of clients. This is perfect for installations where several remote controls are needed with a centralized control station.



Max-Planck Interactive Visitor Center – designed by VITOLI and Schukat & Reuter

Composite Nodes

A compilation of numerous nodes can be integrated in a re-usable custom node for further use. This drastically reduces the amount of required nodes, makes changes to the system much more efficiently and enhances the overview when it comes to extensive node systems.



Web Server Application Example

Multiple Windows

Approach different tasks with different windows. With the option of multiple windows, one can split the technical backend for triggering the show from another window which is remotely driven by a CEO or visitor. View the users interaction in a separate window while working in a different one. Additional screens can run divergent resolutions to match the specific project needs.

Scripting Language

A versatile but simple and easy to learn scripting language opens up another level of possibilities and effectiveness. Widgets and Pandora's Box devices can be scripted along with external protocols and sources. The improved scripting methods guide the user when it comes to errors, adds local variables and unifies the overall scripting convention to finally reduce production times.

Pandoras Box Integration

The Widget Designer can be directly used as a sequence device as part of the Pandora's Box GUI. One also has the option of reading out a great variety of Pandora's Box values.

External Devices / Protocols

Make use of an extensive amount of supported protocols and external devices. Camera tracking and motion detections can be used to trigger network-based protocols or can be translated to interact with file formats. Read and edit spreadsheets to update projected content or use data bases to schedule shows. The Widget Designer is capable of uniting combinations only imagined before.



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