

ANT Galio Browser

...delivering tomorrow's multimedia services, today

The ANT Galio™ Browser is the culmination of over 15 years of experience in providing multimedia services for leading IPTV deployments worldwide.

A core component in the ANT Galio Suite and Platform, the standards based ANT Galio Browser transforms the user experience with an advanced presentation engine providing TV optimised presentation and control for HTML applications and enhanced interactive multimedia services as part of the ANT Galio Suite, or fully integrated within a custom solution.



ANT Galio Suite

The ANT Galio Suite has been developed to provide network operators, content providers and device manufacturers with a state of the art environment for the development and delivery of multimedia services, across all consumer devices.

The ANT Galio Suite is built on a powerful platform consisting of a standards based, TV optimised, browser and presentation engine integrated with a unique middleware client, which together support a wide range of HTML based applications and services across a variety of consumer and media devices in all TV environments.

■ ROBUST, STANDARDS-BASED SOLUTION

- Advanced open standards support and display capabilities
- Delivering optimum responsiveness for a rich, dynamic user experience
- Compact and memory efficient

■ FLEXIBLE AND FEATURE-RICH

- Enables cost-effective design using existing web-based skills and tools for content developers
- Optimised and targeted at multimedia applications
- Supports dynamic application development with enhanced graphics transitions, alpha blending and interactive user-interfaces

■ THE RIGHT CHOICE, WHATEVER THE PLATFORM OR DEVICE

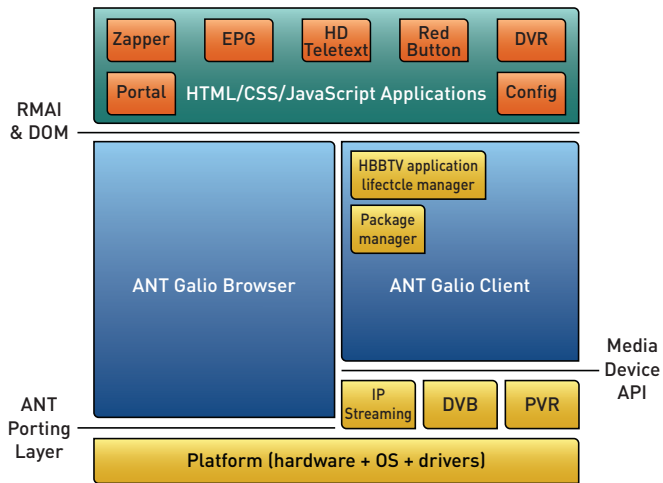
- Robust porting environment ensures consistent operation across a variety of media devices and platforms
- Deployed by many of the world's leading STB and consumer electronic companies for use in a wide variety of TV environments

■ OPTIMISED DEVELOPMENT OPTIONS

- Pre-integrated silicon, middleware and client solutions to ensure optimised performance, speed to market and reduced development costs
- Expert consultancy, engineering, support and training services available throughout the lifetime of a project

'The quality of your service is defined by the user experience delivered'.





■ ANT GALIO SUITE MODULAR ARCHITECTURE

ANT Galio Client and Browser are fundamental elements of the ANT Galio Suite, a complete software suite enabling Network Operators, content developers and device manufacturers to provide rich and dynamic multimedia services across a range of devices and a variety of media resources.



Employing open, standardised interfaces and native code, ANT Galio Client ensures that services can be developed rapidly and deployed with a consistent look and feel regardless of the device or the TV environment, either IPTV or hybrid.

■ FEATURES OVERVIEW

Focussed specifically on embedded multimedia devices, ANT Galio Browser offers content developers and solutions providers with support for the following standards and technologies.

Standards-based Content

- HTML 4.01, XHTML 1.0, DHTML
- HTML 5 AV support (AGB 3.2 and above)
- CSS 3 (partial), CSS 2.1 and CSS TV Profile 1.0
- CE HTML – TV specific support for HbbTV
- Supports multiple style sheets with dynamic switching
- DOM 3 (partial), DOM 2, DOM 1, DOM 0
- Dynamic CSS/DOM with event and JavaScript-driven redraw and reflow in real-time
- JavaScript 1.5 (EcmaScript 262 Edition 3)
- XML, XML Http Request (AJAX, Web 2.0 support)
- XML 1.1 Namespaces Support
- Unicode and multiple international language support

Graphics and Displays

- Full CSS/HTML control of layout and style
- Controllable safe area
- BMP, GIF, JPEG, PNG support
- Bi-Directional Font support
- Hardware optimised and accelerated graphics transitions
- Direct FB support for specific platforms
- Windowed video playback using external plug-in

Development Environment

- Small, fast, robust code in ISO C
- Suitable for any 32/64-bit CPU and OS/RTOS
- Portable, modular and extensible architecture
- Differentiated event prioritisation ensures the browser provides optimised responsiveness
- Scalable algorithms for efficient resource use
- Supports ANT Software Web Applications Framework (WAFER) enabling multiple applications to be run simultaneously and independently
- Netscape Navigator 4 Plug-In API support
- Supports RGB and YUV frame buffers
- String resource files for rapid localization
- Source code licensing available

Transports

- HTTP 1.1 (RFC 2616)
- HTTPS (OpenSSL supporting SSL2, SSL3 and TLS1)
- Accessible local file system

Navigation and Scrolling

- Remote control or pointer navigation
- Custom key-mappings per page
- Control over vertical and horizontal scrolling
- Low memory management function providing safe browsing environment

Optional Components

- Optional versions including HbbTV or OIPF support
- Adobe Flash Player plug in
- Input Method Editors (IME)
- RSA BSafe security
- Pre-integrated silicon solutions
- ANT CDK (Content Developer Kit)
- ANT Consultancy and professional services available to provide porting guidance or implementation

For further information, please visit www.antplc.com or email info@antplc.com



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