

A small extensible Web Browser for Internet Appliances

# EmBrowser<sup>TM</sup>

## Introduction

Users have become accustomed to a web-browsing experience with rich content at high definition on desktop PCs. They would expect no less when web-browsing on an Internet Appliance ("IA") product such as PDA, web-phone, E-book or set-top-box. EmBrowser can provide basic browsing for PDAs with severe memory constraints as well as full-featured browsing for web-phone and E-book type IA products.



EmBrowser has been developed from the ground up, targeting the Linux OS and designed to achieve small size and high performance. It is built around a small browser core, but with loadable extension modules to support full-featured web browsing. These extension modules are optional, allowing customers to provide varying levels of functionality depending upon the customer's requirements and the amount of memory available.

### Features

- HTML 3.2 - text, list, link, form, frames, table
- HTTP 1.1 - TCP, local file

### Extension modules

- Image - GIF, animated GIF, JPEG, PNG
- CSS 1 - W3C style sheet language
- Javascript 1.2
- SSL v2/v3
- others...

### System Requirements

- EmLinux or any Linux OS with kernel 2.2 or above
- Graphics Toolkit - GTK+ 1.2 or above
- Display - 4-bit gray-scale to 24-bit full-color
- CPU - 32 bit ARM or MIPS processor

### Memory Requirements

- HTML 3.2 and HTTP 1.1 - 3MB
- Image - 1MB
- CSS - 100kB
- Javascript - 600kB
- SSL - 1MB

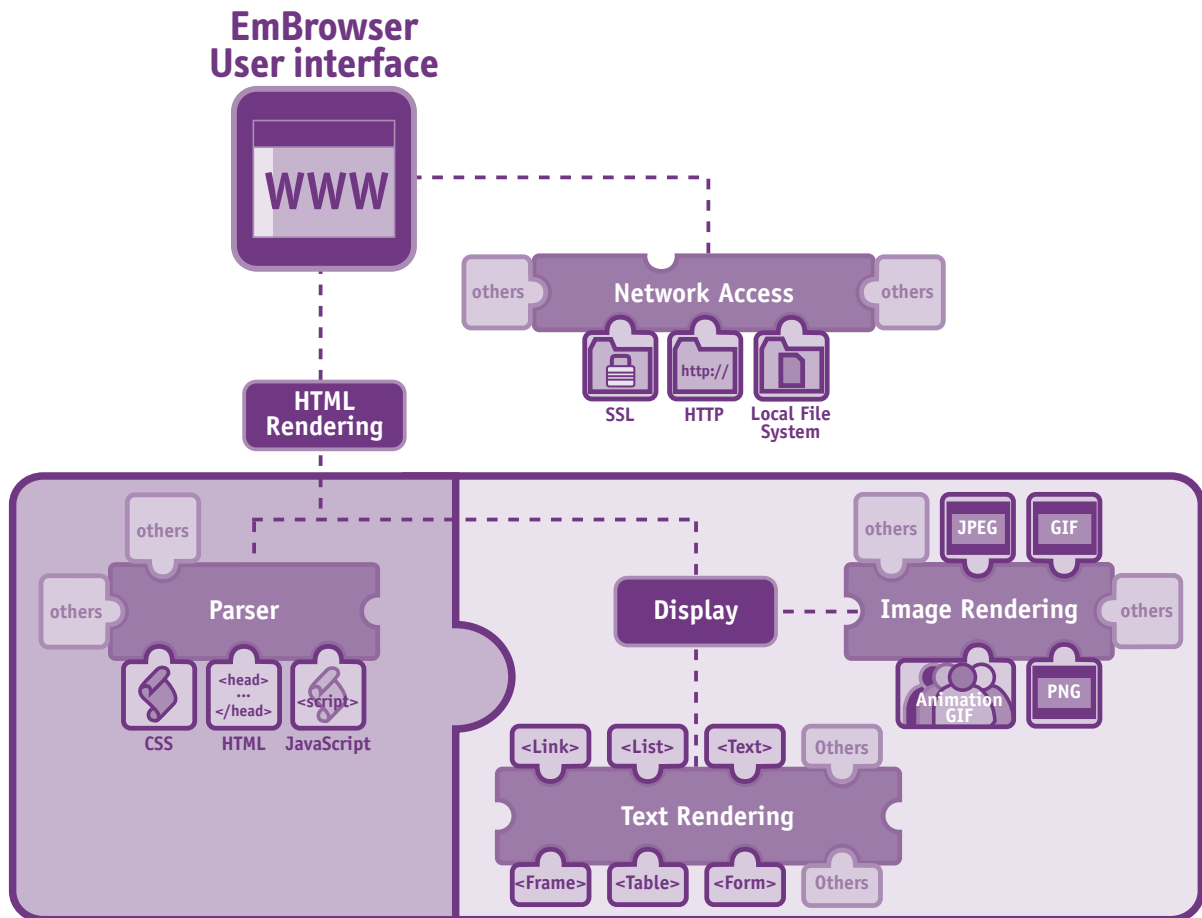
### Support

Emsoft can provide engineering services to port EmBrowser to the customer's IA system. Emsoft can also provide software maintenance and upgrades services.

### Contact

Please contact [sales@emsoftltd.com](mailto:sales@emsoftltd.com) for any questions regarding our solutions and services.

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