



Embedded Web Server

Component name	Embedded Web Server		
Category (IP/ Reusable)	IP	Component type (HW/SW/product etc)	SW, Web Server
HW Platform	Any	SW Platform /OS	Windows, Linux, uClinux, RTEMS, VxWorks
Applications / applicable products	Networking, HTTP server, Embedded devices for Networking		
Market/ industries applicable	Consumer Electronics, Computer Industry, Networking equipments		
Product Description	Embedded Web Server is a tiny web server, designed to be very small, simple, portable, multithreaded, and available for Linux, uClinux, VxWorks, RTEMS and Windows		
Technical specifications	<ul style="list-style-type: none"> · Supported platforms - Windows, Linux, uClinux, RTEMS, VxWorks · Supports Dynamic web contents (scripts, php, perl) · HTTP 1.0, 1.1 Supported · Single threaded and Multi threaded operation · Implemented in C · Low memory footprint, Image Size: <ul style="list-style-type: none"> Between 18 K and 24 K in Linux Between 60 K and 68 K in Windows Between 61 K and 150 K in uClinux Between 30 K and 50 K in VxWorks Between 83 K and 100 K in RTEMS 		
Features /benefits	<ul style="list-style-type: none"> · Doxygen compliant code · 2048 LoC · Portable · Very low memory footprint · Dynamic web content support using Tag interface along with server side scripts · File data support option – html files are stored as binary array · Support error and access logging · Supports HTTP POST method · Inbuilt applet server · Options can be selected during compilation · Configurable via configuration file 		
Readiness	EWS is tested in Internet explorer (Version 6 and 7) and Mozilla Firefox (Version 3)		