



"Embedding thoughts into Technology"

Embin Technologies Private Limited  
306, Sarita 2, Prabhat Industrial Estate,  
Near Toll Naka, Dahisar East,  
Mumbai - 400 068. India.  
Tel : +91-22-28977128  
+91-22-28977127  
Fax : +91-22-28689486  
Email : contact@embin.com  
Website : www.embin.com

## HTTP Web Server using Rabbit microcontroller

Client:

GLUELOGIX US based company

### **Requirement:**

To implement additional features on a Rabbit based embedded web server. The web server handles multiple requests and offers user authentication, FAT file system storage and TCP/IP connectivity.

### **Solution:**

The web server provides control and monitoring web-pages (HTML & Java scripted) that a remote user can access to maintain control over a mechanical system. The system is based on a RCM3300 module having built in Ethernet compatibility. The system can be accessed over the internet and is secured against unauthorized changes. Changes and logs are stored in memory using the popular FAT file system. Current settings can be downloaded, edited and the new settings uploaded to take immediate effect. The entire system is remotely controlled and can respond to multiple simultaneous requests owing to multitasking features.

### **Tools/Platforms:**

- » Rabbit RCM3315, 44MHz, 512K+512K SRAM, 512K Flash, 4MB Serial Flash, Ethernet connectivity, Development Board
- » Dynamic C 9.52 IDE
- » Software Modules:
  - » FAT File System V2.11
  - » RabbitWeb V1.03