
Implementations of CGI in Embedded Web Server

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ABSTRACT

Embedded web server now is applied in many fields especially in industry control devices and CGI is the basic approach by which the client device can communicate with the web server through a simple way. In this paper, a new designed CGI in the embedded Web server based on MCU systems without operating systems is discussed, and CGI become the only useable access to interact with the Web server in embedded device. This article shows how the implementations and design of CGI in the embedded environments, and the main functions and user API also are introduced here.

Keywords: CGI, embedded Web server, embedded environments, MCU