



Adding AJAX to GoAhead WebServers

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1.0 – Overview

This document describes how to add JSON-RPC functionality to your GoAhead WebServer. It uses the [JSON-RPC C implementation](#) provided on this site. Please check the [developers guide](#) for more information on the API.

The document assumes that you understand how to build the libraries and the GoAhead WebServer.

2.0 – Adding The Code

First create a method to handle the requests:

```
int jsonrpc_handler(
    webs_t wp, char_t *urlPrefix, char_t *webDir, int arg,
    char_t *url, char_t *path, char_t *query)
{
    a_assert(query);

    char* response = jsonrpc_process(query);
    int len = strlen(response);
    int count = 0;

    do
    {
        count += websWrite(wp, "%s", response + count);
    }
    while(count < len);

    websDone(wp, 200);
    free(response);

    return 1;
}
```

Now register the handler in main.c of the GoAhead server. You will find similar looking code in the file. Nest it amongst the like calls.



```
websitesHandlerDefine(T("/json-rpc"), NULL, 0, jsonrpc_handler, 0);
```

That's it. All you have to do know is register your JSON-RPC request handlers and you should be ready to build your AJAX applications.

