

1. **http.**

2. Include definitions.

```
<include files 2> ≡  
#include "platform.h"  
#include <microhttpd.h>  
#ifdef HAVE_UNISTD_H  
#include <unistd.h>  
#endif  
#ifdef HAVE_SYS_STAT_H  
#include <sys/stat.h>  
#endif  
#ifdef HAVE_FCNTL_H  
#include <fcntl.h>  
#endif
```

This code is used in sections 4 and 5.

3. declarations.

⟨declarations of functions 3⟩ ≡

```
enum MHD_Result ahc_echo(void *cls, struct MHD_Connection *connection, const char *url, const
    char *method, const char *version, const char *upload_data, size_t *upload_data_size, void
    **ptr);
```

This code is used in sections 4 and 5.

4. main.

```

⟨include files 2⟩
⟨declarations of functions 3⟩
int main(int argc, char *const *argv)
{
    struct MHD_Daemon *d;
    if (argc ≠ 2) {
        printf ("%s□PORT\n", argv[0]);
        return 1;
    }
    unsigned int flags = MHD_USE_THREAD_PER_CONNECTION;
    flags |= MHD_USE_INTERNAL_POLLING_THREAD;
    flags |= MHD_USE_ERROR_LOG;
    d = MHD_start_daemon(flags,
        atoi(argv[1]),
        Λ, Λ, /* accept policy callback */
        &ahc_echo, Λ, /* access handler callback */
        MHD_OPTION_END);
    if (d ≡ Λ) return 1;
    (void) getc(stdin);
    MHD_stop_daemon(d);
    return 0;
}

```

5. processing.

```
<dummy.c 5> ≡  
<include files 2>  
<declarations of functions 3>  
enum MHD_Result ahc_echo(void *cls, struct MHD_Connection *connection, const char *url, const  
    char *method, const char *version, const char *upload_data, size_t *upload_data_size, void  
    **ptr)  
{  
    fprintf(stderr, "ECHO_url:%s\n_method:%s\n", url, method);  
    return MHD_NO;  
}
```

6. INDEX.

ahc_echo: [3](#), [4](#), [5](#).
argc: [4](#).
argv: [4](#).
atoi: [4](#).
cls: [3](#), [5](#).
connection: [3](#), [5](#).
d: [4](#).
flags: [4](#).
fprintf: [5](#).
getc: [4](#).
HAVE_FCNTL_H: [2](#).
HAVE_SYS_STAT_H: [2](#).
HAVE_UNISTD_H: [2](#).
main: [4](#).
method: [3](#), [5](#).
MHD_Connection: [3](#), [5](#).
MHD_Daemon: [4](#).
MHD_NO: [5](#).
MHD_OPTION_END: [4](#).
MHD_Result: [3](#), [5](#).
MHD_start_daemon: [4](#).
MHD_stop_daemon: [4](#).
MHD_USE_ERROR_LOG: [4](#).
MHD_USE_INTERNAL_POLLING_THREAD: [4](#).
MHD_USE_THREAD_PER_CONNECTION: [4](#).
printf: [4](#).
ptr: [3](#), [5](#).
stderr: [5](#).
stdin: [4](#).
upload_data: [3](#), [5](#).
upload_data_size: [3](#), [5](#).
url: [3](#), [5](#).
version: [3](#), [5](#).

⟨declarations of functions 3⟩ Used in sections 4 and 5.
⟨dummy.c 5⟩
⟨include files 2⟩ Used in sections 4 and 5.

HTTP

	Section	Page
http	1	1
Include defintions	2	2
declarations	3	3
main	4	4
processing	5	5
INDEX	6	6