

NAME

libssh2_version - return the libssh2 version number

SYNOPSIS

```
#include <libssh2.h>
```

```
const char *
```

```
libssh2_version(int required_version);
```

DESCRIPTION

If *required_version* is lower than or equal to the version number of the libssh2 in use, the version number of libssh2 is returned as a pointer to a zero terminated string.

The *required_version* should be the version number as constructed by the LIBSSH2_VERSION_NUM define in the libssh2.h public header file, which is a 24 bit number in the 0xMMmmpp format. MM for major, mm for minor and pp for patch number.

RETURN VALUE

The version number of libssh2 is returned as a pointer to a zero terminated string or NULL if the *required_version* is not fulfilled.

EXAMPLE

To make sure you run with the correct libssh2 version:

```
if(!libssh2_version(LIBSSH2_VERSION_NUM)) {  
    fprintf(stderr, "Runtime libssh2 version too old!");  
    exit(1);  
}
```

Unconditionally get the version number:

```
printf("libssh2 version: %s", libssh2_version(0));
```

AVAILABILITY

This function was added in libssh2 1.1, in previous versions there way no way to extract this info in run-time.