

# Version-checking macros and functions

Starting with version 1.0.0 libuv follows the [semantic versioning](#) scheme. This means that new APIs can be introduced throughout the lifetime of a major release. In this section you'll find all macros and functions that will allow you to write or compile code conditionally, in order to work with multiple libuv versions.

## Macros

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\node-master\deps\uv\docs\src\[node-master] [deps] [uv] [docs] [src]version.rst, line 19)**

Unknown directive type "c:macro".

```
.. c:macro:: UV_VERSION_MAJOR

    libuv version's major number.
```

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\node-master\deps\uv\docs\src\[node-master] [deps] [uv] [docs] [src]version.rst, line 23)**

Unknown directive type "c:macro".

```
.. c:macro:: UV_VERSION_MINOR

    libuv version's minor number.
```

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\node-master\deps\uv\docs\src\[node-master] [deps] [uv] [docs] [src]version.rst, line 27)**

Unknown directive type "c:macro".

```
.. c:macro:: UV_VERSION_PATCH

    libuv version's patch number.
```

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\node-master\deps\uv\docs\src\[node-master] [deps] [uv] [docs] [src]version.rst, line 31)**

Unknown directive type "c:macro".

```
.. c:macro:: UV_VERSION_IS_RELEASE

    Set to 1 to indicate a release version of libuv, 0 for a development
    snapshot.
```

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\node-master\deps\uv\docs\src\[node-master] [deps] [uv] [docs] [src]version.rst, line 36)**

Unknown directive type "c:macro".

```
.. c:macro:: UV_VERSION_SUFFIX

    libuv version suffix. Certain development releases such as Release Candidates
    might have a suffix such as "rc".
```

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\node-master\deps\uv\docs\src\[node-master] [deps] [uv] [docs] [src]version.rst, line 41)**

Unknown directive type "c:macro".

```
.. c:macro:: UV_VERSION_HEX

    Returns the libuv version packed into a single integer. 8 bits are used for
    each component, with the patch number stored in the 8 least significant
    bits. E.g. for libuv 1.2.3 this would be 0x010203.
```

```
.. versionadded:: 1.7.0
```

## Functions

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\node-master\deps\uv\docs\src\[node-master] [deps] [uv] [docs] [src]version.rst, line 53)**

Unknown directive type "c:function".

```
.. c:function:: unsigned int uv_version(void)
```

Returns :c:macro:`UV\_VERSION\_HEX`.

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\node-master\deps\uv\docs\src\[node-master] [deps] [uv] [docs] [src]version.rst, line 57)**

Unknown directive type "c:function".

```
.. c:function:: const char* uv_version_string(void)
```

Returns the libuv version number as a string. For non-release versions the version suffix is included.