

Welcome to uriparser!

Latest News

- 2025-12-15 — [uriparser 1.0.0](#) has been released, includes **security fixes**
- 2025-09-03 — [uriparser 0.9.9](#) has been released
- 2024-05-05 — [uriparser 0.9.8](#) has been released, includes **security fixes**
- 2022-10-05 — [uriparser 0.9.7](#) has been released
- 2022-01-06 — [uriparser 0.9.6](#) has been released, includes **security fixes**
- ...

What is uriparser?

uriparser is a strictly [RFC 3986](#) compliant URI parsing and handling library written in C99. uriparser is cross-platform, fast, supports both `char` and `wchar_t` strings, and is licensed under the [New BSD license](#).

There are a number of [applications, libraries and hardware using uriparser](#), as well as [bindings and 3rd-party wrappers](#). uriparser is [packaged in major distributions](#).

Please continue with:

- [API Documentation](#)

If you have found a bug, please [report it](#) so it gets fixed. Thank you!

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Features

- Cross-platform (Unix, Windows, Mac OS X, ...)
- Strictly compliant to [RFC 3986](#) (latest URI RFC on track STD 66 to date)
 - Parsing
 - Reference resolution ([section 5.2](#), since version 0.4.0)
 - Reference creation (since version 0.5.2)
 - Recomposition ([section 5.3](#), since version 0.4.0)
 - Syntax-based normalization ([section 6.2.2](#), since version 0.5.0)
- Fast (linear input length time complexity)
- Support for both `char` and `wchar_t` strings
- No external dependencies
- Extensive unit testing using [CppTest](#)
- Liberal license ([New BSD license](#))

Dependencies

None

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