# @jridgewell/resolve-uri

Resolve a URI relative to an optional base URI

Resolve any combination of absolute URIs, protocol-realtive URIs, absolute paths, or relative paths.

## Installation

npm install @jridgewell/resolve-uri

## Usage

function resolve(input: string, base?: string): string;

import resolve from '@jridgewell/resolve-uri';

resolve('foo', 'https://example.com'); // => 'https://example.com/foo'

| **Input** | **Base** | **Resolution** | **Explanation** |
| --- | --- | --- | --- |
| https://example.com | *any* | https://example.com/ | Input is normalized only |
| //example.com | https://base.com/ | https://example.com/ | Input inherits the base's protocol |
| //example.com | *rest* | //example.com/ | Input is normalized only |
| /example | https://base.com/ | https://base.com/example | Input inherits the base's origin |
| /example | //base.com/ | //base.com/example | Input inherits the base's host and remains protocol relative |
| /example | *rest* | /example | Input is normalized only |
| example | https://base.com/dir/ | https://base.com/dir/example | Input is joined with the base |
| example | https://base.com/file | https://base.com/example | Input is joined with the base without its file |
| example | //base.com/dir/ | //base.com/dir/example | Input is joined with the base's last directory |
| example | //base.com/file | //base.com/example | Input is joined with the base without its file |
| example | /base/dir/ | /base/dir/example | Input is joined with the base's last directory |
| example | /base/file | /base/example | Input is joined with the base without its file |
| example | base/dir/ | base/dir/example | Input is joined with the base's last directory |
| example | base/file | base/example | Input is joined with the base without its file |