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[Course](#) > [Node C...](#) > [Core M...](#) > path

## path

`path` is a core module that is used to work with file and folder paths so that the code works seamlessly on any platform.

### `path.join()`

On Windows paths are separated using a `\`, while on POSIX (Unix, macOS) paths are separated by a `/`. Therefore, a path might be `app\server.js` on Windows and `app/server.js` on POSIX (Unix, macOS). This difference between platforms can cause problems when a path is a hard coded string.

The `path.join()` method is used to create paths that are platform independent. You should use `path.join()` instead of hard coding the path because `path.join()` is guaranteed to work across platforms.

Example of `path.join()` to create a path to `app/server.js`:

```
const path = require('path')
const server = require(path.join('app', 'server.js'))
```

You can combine `path.join` with `__dirname` to use an absolute path instead of a relative one:

```
const path = require('path')  
const server = require(path.join(__dirname, 'app', 'server.js'))
```

Full documentation: <https://nodejs.org/api/path.html>

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