Try to avoid synchronous blocking calls

Node’s built around the concept of callbacks.

Node callbacks typically take an error object first

Nested callbacks are in general lead to less flexibility, inversion of control, etc.

BAD

Async libraries

asynquence

Asynquence-contrib (contains plugins)

## Promises

Node is not fundamentally promise aware.

There are many libraries to support promises

Promise

Asynquence

Q

## Best Practices

When serving many users, avoid sync I/O

It’s ok to use sync calls when you’re creating tools for a single user, or command line tools

## Promises

Enable an arguably cleaner coding style that avoids the dreaded nested callback problem