

# FS, Buffer and Streams

# Agenda

- FS
- Buffer
- Streams
- Application

# FS

- fs.readFile
- fs.writeFile
- fs.unlink
- fs.mkdir
- fs.rmdir
- fs.readdir
- fs.stat
- fs.access

# Sync

- `fs.readFileSync`
- `fs.writeFileSync`
- `fs.unlinkSync`
- `fs.mkdirSync`
- `fs.rmdirSync`
- `fs.readdirSync`
- `fs.statSync`
- `fs.accessSync`

# Promises

- `fs.promises.readFile`
- `fs.promises.writeFile`
- `fs.promises.unlink`
- `fs.promises.mkdir`
- `fs.promises.rmdir`
- `fs.promises.readdir`
- `fs.promises.stat`
- `fs.promises.access`

# Buffer

- Temporary storage for a chunk of data that is being transferred from one place to another
- The buffer is filled with data then passed along
- Transfer small chunks of data at a time

# Streams

- Can create streams in Node.js to transfer data
- Increase performance

# Types of Streams

- Writable streams - allow node to write data to a stream
- Readable streams - allow node to read from a stream
- Duplex - can read and write to a stream



Q & A