

# Fio Documentation

---

## File system

**witho(path: string, mode: string?, modearg: string? | int?) -> string | nil**

- **witho** opens the file designated by **path**. If a **path** argument is not provided, the function will return an error. If the file designated by the **path** does not exist and the mode is not **"make"** the function will return an error. The default value of **mode** is **"readall"**. If a **mode** requires an argument for **modearg** and one is not provide, the function will return an error.
  - **"readall"** returns a string containing the entirety of the files content
  - **"read"** will return the first **modearg** lines of the file
  - **"write"** will wipe the file and replace its contents with **modearg**
  - **"append"** will append **modearg** to the end of the file
  - **"make"** will create a new file at the **path** and fill it with **modearg** if it is not nil
- 

## LuaSon

**parseFile(path : string) -> table**

- Returns the content of the file as a table if it follows proper JSON formatting. Line breaks are unimportant

**parseString(str : string) -> table**

- Returns the string as a table

**writeFile(t : table, path: string) -> nil**

- Writes the table as a JSON string to the file

**writeString(t: table) -> nil**

- Returns the table as a JSON string