

## Program APIs

### Master API

**connect\_to/1**(Maybe **2** for node specs): node(). Sync, reply ok.

**send\_assignment\_job/2**: assignment\_id,[files]. Sync -i ok, session\_token.

**get\_assignment\_job\_status/1**: session\_token. Sync -i ok,status.

**add\_assignment/1**: config\_file. Sync -i ok, error,parse\_error.

**start/0**: gen\_server:start\_link.

**assignment\_job\_update/2**: session\_token, new\_status. Sync -i ok.

### Node API

**start/0**: gen\_server:start\_link, read config file, master:connect\_to. Sync -i ok.

**add\_assignment/1**: parsed\_config. Sync -i ok.

**queue\_assignment\_job/3**: assignment\_id,[files],session\_token. Sync -i ok.