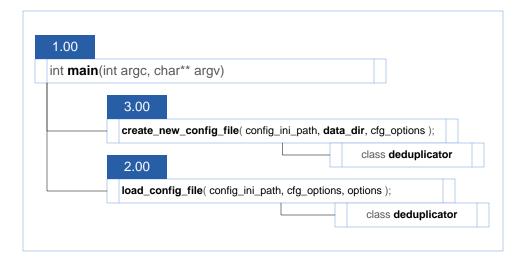
## witness\_node starting functions structures and the code flow



```
using namespace graphene;
namespace bpo = boost::program_options;

void write_default_logging_config_to_stream(std::ostream& out);

fc::optional<fc::logging_config> load_logging_config_from_ini_file(const fc::path& config_ini_filename);
```

```
public:
    deduplicator(): modifier(nullptr) {}

    deduplicator(const boost::shared_ptr<bpo::option_description> (*mod_fn)(const boost::shared_ptr<bpo::option_description>&))
    : modifier(mod_fn) {}

    const boost::shared_ptr<bpo::option_description> next(const boost::shared_ptr<bpo::option_description>& o) {
        const std::string name = o->long_name();
        if (seen.find( name ) != seen.end() )
            return nullptr;
        seen.insert(name);
        return modifier ? modifier(o) : o;
    }

    private:
        boost::container::flat_set<std::string> seen;
        const boost::shared_ptr<bpo::option_description> (*modifier)(const boost::shared_ptr<bpo::option_description>&);
```

