

# DON Repo Configuration Format

DON looks for repo files to know which repositories to look for files in.

Repo files should look familiar to most enterprise Linux users. It's an INI format configuration file with some expected values:

```
[repo_name]
friendly_name=Official DPM Repository
base_url=https://www.darkhorselinux.org/dpm_repository
enabled=1
weight=0
```

At the top level section declaration is the name of the repository. These must be unique, and DON will throw an error if they are not.

In each repo section is `friendly_name`, `base_url`, `enabled`, which should all be quite familiar.

Each repo section also has a `weight` value used to weight repos when finding packages or matching dependency rules. Weights with a higher value are searched first and weight defaults to 0. This allows the user to allow base system repositories or add-on repositories to take priority when matching dependencies for situations that require that. When looking for a package to meet a dependency, DPM will find the first package from the repository with the highest weight.

Any number of repositories can be configured in a `.repo` file. These files are intended to be located in `/etc/don.repos.d/`. If a repo filename does not end with `.repo` it will be ignored by DON.

It is highly recommended to have one repository per `.repo` file unless the repositories are specially related and meant to operate as one whole source, such as a collection of vendor repositories, or lumping together repositories from a common provider.