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Main manifest directory

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Puppet starts compiling a catalog either with a single manifest file or with a directory of manifests that are treated like a single file. This starting point is called the *main manifest* or *site manifest*.

For more information about how the site manifest is used in catalog compilation, see [Catalog compilation](#).

Specifying the manifest for Puppet apply

The `puppet apply` command uses the manifest you pass to it as an argument on the command line:

```
puppet apply /etc/puppetlabs/code/environments/production/manifests/site.pp
```

You can pass Puppet apply either a single `.pp` file or a directory of `.pp` files. Puppet apply uses the manifest you pass it, not an environment's manifest.

Specifying the manifest for Puppet master

Puppet master uses the main manifest set by the current node's [environment](#), whether that manifest is a single file or a directory of `.pp` files.

By default, the main manifest for an environment is `<ENVIRONMENTS DIRECTORY>/<ENVIRONMENT>/manifests`, for example `/etc/puppetlabs/code/environments/production/manifests`. You can configure the manifest per-environment, and you can also configure the default for all environments.

To determine its main manifest, an environment uses the `manifest` setting in `environment.conf`. This can be an absolute path or a path relative to the environment's main directory.

If the `environment.conf` `manifest` setting is absent, it uses the value of the [the](#) `default_manifest` setting from the `puppet.conf` file. The `default_manifest` setting defaults to `./manifests`. Similar to the environment's `manifest` setting, the value of `default_manifest` can be an absolute path or a path relative to the environment's main directory.

To force all environments to ignore their own `manifest` setting and use the `default_manifest` setting instead, set `disable_per_environment_manifest = true` in `puppet.conf`.

To check which manifest your Puppet master uses for a given environment, run:

```
puppet config print manifest --section master --environment <ENVIRONMENT>
```

For more information, see [Creating environments](#), and [Checking values of configuration settings](#).

Manifest directory behavior

When the main manifest is a directory, Puppet parses every `.pp` file in the directory in alphabetical order and evaluates the combined manifest. It descends into all subdirectories of the manifest directory and loads files in depth-first order. For example, if the manifest directory contains a directory named `01`, and a file named `02.pp`, it parses the files in `01` before it parses `02.pp`.

Puppet treats the directory as one manifest, so, for example, a variable assigned in the file `01_all_nodes.pp` is accessible in `node_web01.pp`.

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