Migrating Modules to OpenVox

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I want to use openvox-agent

- Good news!
- Download it, install it.
- You're done!
- OpenVox is a drop-in replacement.

I want to develop for OpenVox

That's another story…

PDK is dead (to me)

- New builds of PDK are gated behind the Perforce EULA.

Templates (pdk new)

- We don't have a great replacement for pdk new yet.

Linters (`pdk validate`)

- Install a Ruby runtime (or use the one in openvox-agent)
  - Maybe try https://github.com/voxpupuli/container-voxbox?
  - Or use a devcontainer!
- `bundle install`
- `bundle exec rake validate`

Unit Tests (`pdk test unit`)

- You still need a Ruby runtime
- `bundle install`
- `bundle exec rake spec_prep`
- `bundle exec rake spec`

De-PDK'ing your modules

- Drop `pdk-version` block from metadata.json

I want to test against OpenVox

Update gems

- puppet → openvox
- puppet-strings → openvox-strings
- facter → openfact

Update Beaker

- Change nodesets to use OpenVox 8

```
CONFIG:
  puppet_collection: <%= ENV.fetch('BEAKER_PUPPET_COLLECTION', 'openvox8') %>
```

- Update beaker gem to allow openvox in `puppet_collection`
- Replace beaker-puppet and beaker-puppet_install_helper gems with beaker_puppet_helpers
  - This *might* will require code changes in spec/spec_helper_acceptance.rb or tests

Alternatively, simplify with Vox Pupuli tooling

Gemfile

```
 1 source ENV.fetch('GEM_SOURCE', 'https://rubygems.org')
 2
 3 group :syntax do
 4   gem 'voxpupuli-rubocop', require: false
 5 end
 6
 7 group :test do
 8   gem 'puppet_metadata', require: false
 9   gem 'voxpupuli-test', require: false
10 end
11
12 group :system_tests do
13   gem 'voxpupuli-acceptance', require: false
14 end
15
16 gem 'openvox', ENV.fetch('OPENVOX_VERSION', '~> 8.19'), require: false
```

Alternatively, simplify with Vox Pupuli tooling

Rakefile

```
1 begin
2   require 'voxpupuli/test/rake'
3 rescue LoadError
4   # Only available if gem group test is installed
5 end
6
7 begin
8   require 'voxpupuli/acceptance/rake'
9 rescue LoadError
10   # only available if gem group system_tests is installed
11 end
```

Alternatively, simplify with Vox Pupuli tooling

spec/spec_helper.rb

```
1 require 'voxpupuli/test/spec_helper'
```

spec/spec_helper_acceptance.rb

```
1 require 'voxpupuli/acceptance/spec_helper_acceptance'
2
3 configure_beaker(modules: :fixtures)
```

But what if I don't have tests?

spec/classes/init_spec.rb

```ruby
 1 require 'spec_helper'
 2
 3 describe 'myclass' do
 4   on_supported_os.each do |os, os_facts|
 5     context "on #{os}" do
 6       let(:facts) { os_facts }
 7
 8       it { is_expected.to compile }
 9     end
10   end
11 end
```

Automation at scale

- Add CI tests
- Migrate an example module
- https://github.com/voxpupuli/modulesync

Questions?