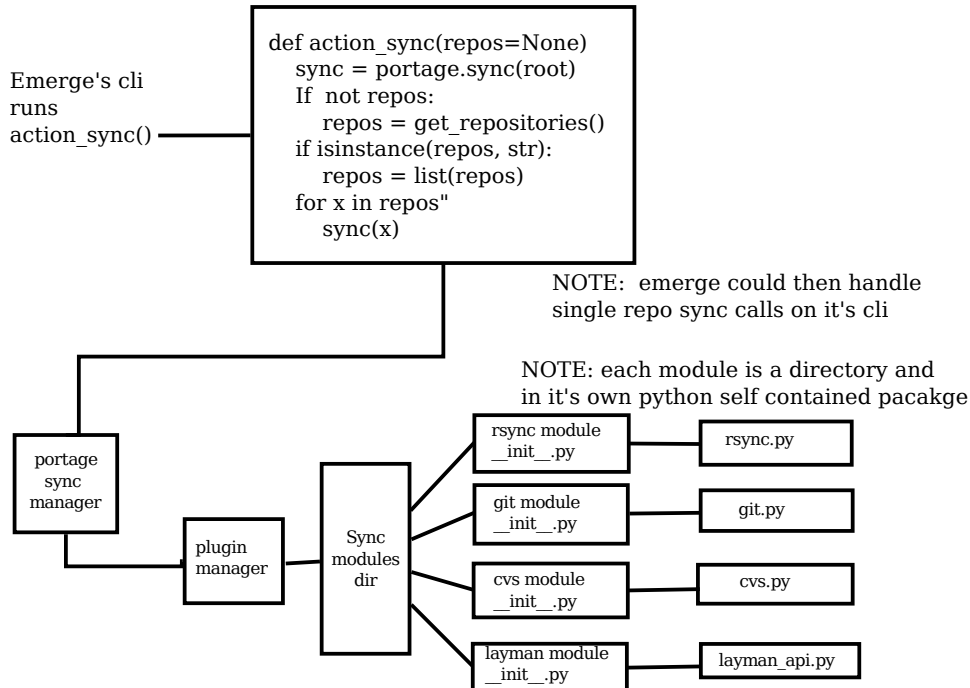


Proposed new sync layout

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The sync manager initializes the plugin manager for the target directory
The plugin manager scans its target directory and loads any modules `_init_.py` files it finds
The init files each contain info about the module
That info can be used to validate sync types used in a `repos.conf` file
the sync manager then loads the requested module's working code from the info provided by it's module's init
the sync manager then runs the imported sync function

This portage sync module api can then be exported and used by other apps, guis, catalyst, ...

If a new sync type comes along. Simply create the module and insert it into the sync modules dir

That is what a proposed layman sync module would do On install it installs it's portage sync module. Then any overlays it installs can be handled thru the emerge cli interface. If the user does not install layman, then they won't have that module, that "layman" sync type will not be valid in a `repos.conf` defined repo

It's simple, easily extended, maintained
Plus the plugin manager is already coded and fully working in emaint already
No mods are needed. I would only move it out of emaint's namespace