Proposed new sync layout  
by: Brian Dolbec

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