

# integration

**\*\*DRAFT\*** This document is still under heavy development.\*

## CManage Integration Standards

### Introduction

To build a stable, scalable system of integrated applications, a strict set of standards must be adhered to by developers hoping to domesticate and integrate their applications with CManage. The following outlines these standards.

### Packaging

Applications should be made into native packages (e.g. deb or rpm).

Furthermore, to handle the integration of the application to the CManage instance, a package name *co-appname* must be created. This package should ensure all dependancies are installed, including the above application package. And this package should provide tools to integrate or configure the application to work with the CManage instance.

### Extending Collabmin Interface

Domesticated applications that require configuration should add a tab to the collabmin interface. The tab should be written in PHP or Perl and dropped into the /ext subfolder. The page should rely on the [CManage Perl module](#) or PHP API to query facts about the CManage system and to request resources such as LDAP accounts, and MySQL databases.

### Adding Hook Mechanisms

Semi-domesticated applications that need to hook into operations such as the adding and removing of users should add a symlink to the appropriate subdirectory under /etc/comanage/hooks