

Drupal Module Management

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| Module Types | Description | Approach |
|-------------------|--|--|
| Core | Included in base drupal distribution | IT manage upgrades based on change calendar. Only single version supported (based on recommended level) |
| Centrally Managed | Modules from drupal.org which are in use by at least 20% of the sites. These will be installed but not enabled by default. | IT manage upgrades based on change calendar. Only single version supported (based on recommended level) |
| Locally developed | Modules from ENTICE developers of general interest such as the CERN profiles, Indico, CDS, ... These will be installed but not enabled by default. | IT manage upgrades based on change calendar and release schedule. Only single version supported (based on recommended level) |
| Site Local | Modules developed by the site owner or downloaded from Drupal.org | Site owner manages the installation and upgrade using the D7 tools |

| Threshold | Module List |
|---|---|
| Already centrally managed | advanced_help, cernmods, ckeditor, ctools, custom_breadcrumbs, devel, dragndrop_uploads, globalredirect, google_analytics, imce, imce_wyysiwyg, media, panels, pathauto, permissions_lock, redirect, shib_auth, skinr,token, transliteration, views, views_bulk_operation, votingapi, wywiwyg |
| >20% locally installed | |
| >10% locally installed | Features, entity, date |
| <10% locally installed & >2 installations | Rules, devel, diff, backup_migrate, advanced_forum, link, ldap, calendar, |

- The 40 pilot sites may not be representative
- Propose >20% should be promoted to centrally managed

- Naming conventions make it easier to identify locally developed modules and avoids name space clashes
- Proposed convention for module names is 'cern_project_module' where
 - *cern* is fixed
 - *project* is the name of the project (ie. profiles)
 - *module* is the name of the module (ie. displayname)
- It must be **lowercase**.
- For example the name 'cern_profiles_displayname' means that the module is called displayname (the name is supposed to outline the function of the module), belongs to the profiles project and has been developed for the CERN Drupal environment.
- Is there an issue for branding with modules for use outside of CERN such as Invenio ?



- Pre-prod sites consist of a copy of the database and files of a production site but with a different name
 - E.g. `android-preprod.web.cern.ch`
- Site contents are temporary and will be overwritten when the next copy is performed
- Operation will be performed on a regular basis as part of the change management process
- Pre-prod sites may be subject to unannounced interruptions and maintenance



- Regular ENTICE module review
 - Modules to promote to central management
 - List upcoming centrally managed and ENTICE module changes at this meeting
 - Module naming conventions for locally developed modules to be 'cern_project_module'
- Change Calendar
 - Installation of new version of module/theme in pre-prod 'new' sites on the Wednesday morning following the approval from ENTICE
 - One week later, the prod sites are upgraded unless a show stopper is raised in the forum. If major issue, change is postponed by one week
 - Tool scripting and implementation during Q3 2011

