

## SUSE Driver Tools v0.7.3

### General Fixes & Enhancements

- [DUD] Unpack updates/inst-sys packages also when using `--addon`
- [kISO/Bootable Driver Kit] Fix handling of kernel module weak-updates. (Create hardlink or copy the file instead of creating symlink to avoid broken symlink in final destination.)
- Improve handling of gpg keys

## SUSE Driver Tools v0.7.2

### General Fixes & Enhancements

- Fix detection of `update.post2` file
- Cleanup DUD generation
- Implement `link_or_copy`. (If copying file on the same FS, we prefer to hard link for speed.)
- Fix `isosort` file creation

## SUSE Driver Tools v0.7.1

### General Fixes & Enhancements

- Create SLES/SLED universal DUDs by default  
Many times driver kits can be used equally for SLES or SLED because the kernel is common. Unfortunately the DUD file structure is different for each product flavor.

SLES:

```
linux/suse/<ARCH>-sles<VERSION>
```

SLED:

```
linux/suse/<ARCH>-sled<VERSION>
```

Now the tools will create DUDs that work with both product flavors by either by duplicating the directory trees, or creating a symlink (in the case of DUD structure embedded in the `initrd`).

This behavior can be disabled with the option `--no-uni-dud` in which case the DUD will only support the specified base product.

- Merge user provided DUD scripts with defaults  
SUSE Driver Tools automatically generates DUD pre/post scripts. Previous behavior was to overwrite these scripts with any user provided scripts - thereby losing the functionality provided by the Tools.  
Now we merge (append) the auto-generated scripts with any user provides scripts.
- Replace existing modspecs in module.config  
The previous implementation only appended user supplied modspecs to the end of the specified section in module.config. Now we search for an existing modspec of the given kernel module and replace it. All new modspecs are appended as before.
- Fix unpacking of SP3 EFI directory with merge option
- kISO and Driver Kits get proper headings in nextmedia text

## Documentation

- Added further man page references to sdt man page.

## SUSE Driver Tools v0.7.0

### Features

- New option `--merge` for driverkit and kiso commands will merge the driverkit or kISO result with the base SUSE Linux Enterprise installation media so that everything is contained on one media.
- The `--base` option for driverkit, kISO, dud, initrd etc... now accepts path to ISO image. ISO image is automatically mounted for use by SUSE Driver Tools command.
- Added support for grub2 uEFI media structure that comes with SUSE Linux Enterprise 11 Service Pack 3
- Added `unpackinitrd` command that simply unpacks an initrd image to a given location.

### General Fixes & Enhancements

- Better file/directory handling
  - Remove read only files.

- cpio unpacking use `--no-absolute-filenames` option
- Only remove files or directories that exist in `work_path` or `tempdir` paths.

## Documentation

- Added man pages for `kiso`, `pxe`, and `unpackinitrd` commands.
- Add SUDO section to `sdt` man page
- Document new features
- Update description of `--base` option

## SUSE Driver Tools v0.6.0

### RIP PLDP Tools... Long Live SUSE Driver Tools!

- Program name change PLDP Tools => SUSE Driver Tools
- Package name change `pldptools` => `SUSEDriverTools`
- Command name change `pldp` => `sdt`

## Features

- Implement `fixiso` command Use to fix broken El Torito uEFI alternate boot on existing iso images. Some ISO generation tools get this wrong.
- Added `--include-dud` driverkit option to add DUD structure to base of driverkit media
  - Bootable driver kits will get the full update media path (`linux/suse/<arch>--<slever>`) from the settings in the base distro media.
  - When generating standard driver kit, the `--distro` and `--arch-version` options must be specified or the initrd from the base distro media placed in the *updates* path (the tool will get the proper path spec from the initrd).
- Add `unpackinitrd` command to unpack an initrd to a specified location.

## General Fixes & Enhancements

- Use existing work directory when not performing *unpack* step
- Various enhancements to the code handling DUDs

## PLDP Tools v0.5.0

### Features

- Create nextmedia file
  - Default for better “Insert CD1...” popup message.
  - Add ability for user provided nextmedia file
- Add `--no-initrd-mod-updates` switch Useful when making other kinds of update to the initrd and but wanting to keep the modules untouched.
- Add alias to add-on URL in `add_on_products.xml`

Without the alias, the addon repo will have an autogenerated name which looks confusing to the user. We set an alias equal to the add-on product name (converting spaces to underscores).

This only applies to SLE11. SLE10 uses a different mechanism and does not suffer from this issue.

### DriverKit

- `SOURCE_MEDIUM=0` when no `src rpms` packages are detected

## PLDP Tools v0.4.7

### DriverKit

- Driver kit generation fixes
  - Grab kernel packages as well as other updates
  - Cleanup `RELNOTESURL` and `UPDATEURLS` defaults

## PLDP Tools v0.4.6

### Packaging

- Add `dosfstools` as a package requirement
- Add other dependencies

## Fixes & General Enhancements

- Quick fix for change in location of mkfs.vfat With opensuse 12.2 the location of mkfs.vfat changed from /sbin to /usr/sbin. We check for this dynamically now.

## PLDP Tools v0.4.5

- Documentation updates

## PLDP Tools v0.4.4

- Minor documation updates

## PLDP Tools v0.4.3

### Documentation

- Updates
  - Integrate flow diagrams.
  - Add 28-11-2013 placeholder that gets updated to today's date on rebuild.
  - Update Makefiles.
- Enhance HTML template and css
  - Add some SUSE color
  - Make TOC and body sections more fluid
- Update HTML template for better layout with more space for table of contents and body.

## Fixes & General Enhancements

- outputdir defaults to ‘

## Packaging

- Add requires kiwi-instdsource-plugins-openSUSE-11-1 This package is required for generating add-on products for SLE11

## PLDP Tools v0.4.2

### Fixes & General Enhancements

- Fix boot catalog generated by genisoimage

It appears that both mkisofs and genisoimage fail to create proper boot catalog entries for UEFI and they fail differently. Updated code to handle genisoimage as well as mkisofs images.

- Make call to magic.open compatible with older versions of python-magic
- Fix man page builds

### Packaging

- Update package dependencies
- fix specfile template
- Fix license text

## PLDP Tools v0.4.0

### ISO Generation

- Integrate fixing of Eltorito boot catalog entries. Removes requirement for special genisoimage build
- Cleanup ISO generation.
  - Set System ID to ‘LINUX’
  - Create Volume ID based on App ID
  - Set Volume Set ID to same as Application ID
  - Set Preparer ID to ‘PLDP Tools \$VERSION’
  - Use tagmedia to add md5sum to iso

### Logging

- Cleanup logging
- Output PLDP Tool command line to top of logfile
- Add version and loglevel info to log output
- Add logfile and config file commandline arguments

## YaST Modules

- Use .ybc instead of ycp YaST module files

## Features

- Add user config file (`~/pldptools/config.yml`)
- Add handling of `--boot-param` option.
- generic alias expansion.
- Add ability to process individual GPG keys

Before we only looked for a pre-made `installkey.gpg` file and replaced the default one from the base media. Now the user can pass additional keys or keyrings to be *added* to the default `installkey.gpg` keyring from the base media.

As in the past, if an `installkey.gpg` keyring is provided as an update, it will replace the existing one. Any additional keys/keyrings will be added to this updated `installkey.gpg` keyring

## DriverKit

- Plain driver kit generation now supports multi arch repos. This is NOT supported with bootable driver kits.

## Driver Update Disk

- Add options to control DUD paths
- Remove unused DUD directories
- Add inst-sys support for DUDs
- Handle user supplied `dud.config` file
- Do not grab install kernel from base when creating DUD

## Documentation

- Add initial documentation

## Packaging

- Setup Makefile recipes for generating rpm package source
- Add GPL License file

## Fixes & General Enhancements

- Only select update packages that match the base arch
- Fix up some write permission issues Want to make sure that bulk of PLDP work can be done as normal user.
  - Check existing files and make them writable before trying to write to them.
  - When copying add-on to iso.staging, make sure iso.staging is writable afterwards.
  - Make boot loader file system writable after copying from base.
- Fix handling of code10 content version and release

## PLDP Tools v0.3.0

### Features

- Add `-version`