
Subject: Re: What improvements for Upp on Linux to comply with freedesktop?

Posted by [ebojd](#) on Fri, 27 Jul 2007 17:04:37 GMT

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It would also be productive to try to conform to something like the Linux Standard Base (LSB) for installation locations, guidelines, etc.

The single .config path for applications is really nice. I would prefer to see the versioning modeled after KDE:

```
/home/${USERNAME}/.config/upp/${VERSION}/appname/*
```

That way all UPP files regardless of version can be maintained. I simply skimmed the URL listed and may read them in detail later. Another thing I would like to interject here (which may or may not be covered in the suggested standards) is to have a single directory tree for each config which are *overloadable* by the user configs. Example, the location of the uppsrc tree:

```
/usr/share/upp/2007.1/.config/uppsrc.var
```

```
UPP = "/usr/share/upp/2007.1/uppsrc";  
OUTPUT = "/old_root/upp/devout";  
COMMON = "/usr/share/upp/2007.1/Common";
```

which is then oveloaded with any settings in:

```
/home/username/.config/upp/2007.1/uppsrc.var
```

```
OUTPUT = "/home/${USERNAME}/upp/devout";
```

I would also like to see the addition of BIN_DIR, LIB_DIR, DATA_DIR, and CONFIG_DIR to help manage installation of binary, library, data and config files.

When I started on of my current projects for which I choose U++ I had started writing all my code using GNU programming standards. Unfortunately, U++ and GNU standards do not mix well (like naming conventions). There are, however, some guidelines which would be good to glean from them such as *all* makefiles which include an install directive *must* also include an uninstall.

I have also mentioned wishing an extension (for package organizer) that allows developers to allow pkg-config to be used. Something similar to:

```
LINUX: `pkg-config --libs x11`
```

More later I have to go...

EBo --
