Subject: Re: What improvements for Upp on Linux to comply with freedesktop? Posted by ebojd on Fri, 27 Jul 2007 17:04:37 GMT

View Forum Message <> Reply to Message

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 --