

Mq patch queue instructions

Currently for most consolidations that are been updated upstream outside OpenIndiana, we maintain a mq patch queue (see [Mercurial Queues](#)) that holds our difference from the upstream.

We have a standardized system for which to store and apply this to produce and build OpenIndiana versions.

Mq is a Mercurial extension and must be turned on before use.

Edit your `~/.hgrc` file and add

```
[extensions]
mq =
```

I'll use `slim_source` (see Caiman consolidation) and revision 151 as an example, but you can simply change both to other consolidations.

1. First get the main non-mq repo:

```
hg clone http://hg.openindiana.org/slim_source
```

2. Then update to the revision you are working on:

```
cd slim_source
hg update Build151
```

3. Then get the mq repo into `.hg/patches`:

```
hg clone http://hg.openindiana.org/mq_slim_source.hg/patches
```

4. And now apply (push) all the patches:

```
hg qpush -a
```

Now you have the latest OpenIndiana patched version of the consolidation.

Note: the `qclone` facility normally used to automate some of this, doesn't appear to work with the OpenIndiana mq patch repo, so we have to use the two clone method described above.