

pbranch

Patch Branches for Mercurial

- not distributed with mercurial (yet)

[extensions]

pbranch = /path/to/pbranch.py

- patches are stored as mercurial branches
- patch work is always versioned
- patch work can be collaborative
- the patch graph can be branchy
- seamless rebasing

```
$ hg pnew patch-A
```

```
marked working directory as branch patch-A
```

```
$ hg branches
```

```
patch-A
```

```
1:01b689a4ce7a
```

```
default
```

```
0:d5fc3bb3ecf9 (inactive)
```

```
$ hg pgraph
@ patch-A
|
o default
$ cat .hg/pgraph
patch-A: default
```

```
$ hg branch  
patch-A  
$ echo foooo >> bar.txt  
$ hg st  
M bar.txt  
$ hg ci -m 'More foo.'
```

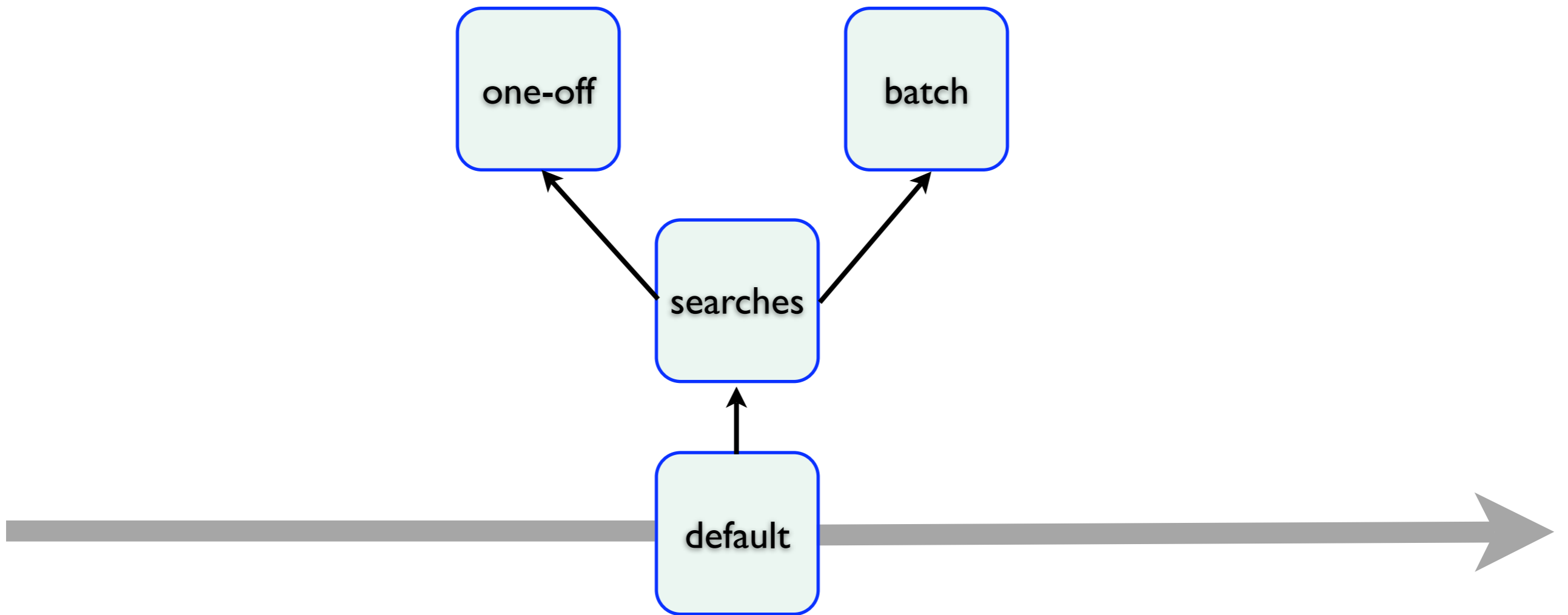
```
$ hg pexport patch-A
# HG changeset patch
# User jason kirtland <jek@discorporate.us>
# Date 1257897735 28800

diff -r ba65418a7afe -r 7f0f89087519 bar.txt
--- a/bar.txt
+++ b/bar.txt
@@ -1,1 +1,3 @@
 Basic stuff
+New patch
+f0000
```

patch stacking



collaborative patch branching



- pulling upstream changes is just 'hg pull'
- patches are rebased with 'hg pmerge'
- hg pmerge is pure magic

Documentation

- Introduction
- Configuration
- Initialization and Simple Usage
- Submitting Patches by Email
- Exporting Patches to Patch Queues
- Distributing Changes To Patches
- Inserting and Deleting Patches
- Patch Graphs
- Pulling And Merging From Upstream
- Collaboration

- Rarely screws up
- Small set of simple commands
- Painless rebasing
- Great documentation at <http://arrenbrecht.ch/mercurial/pbranch/>