

INTRO 10
RUBY ON RAILS
TJ STANKUS

✓
✓
✓

(almost)
ALL
SPAM!
steve champion

Ajaxifying your
WebApp
w/ Dojo
Todd Olson

✓
✓
✓

Teach your
wife to use
Version Control

W/

|||

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Imports

top skimming

VS

cv2svn

One project at a time

repo/project/

trunk/

branches/

tags/

[http://cvs2svn.tigris.org/
cvs2svn.html](http://cvs2svn.tigris.org/cvs2svn.html)

Tags and Branching



Don't be afraid

TAGS

Symbolic naming
for groups of files



Snapshot

Mixed revisions

Don't commit to tags

BRANCHES

Repository forks



Contain independent
changes

Parallel commits

Generating **releases**
and
space to **experiment**

Trunk stays stable

Each release is on a branch

Release points are tagged

**Branch and tag
when appropriate**

Quick example

Creating a release branch

```
svn mkdir -m 'Created branches directory'  
svn://repo/svn/project/branches
```

```
svn mkdir -m 'Created branches directory'  
svn://repo/svn/project/branches
```

```
svn copy -m 'Creating release branch 1.0'  
svn://repo/svn/project/trunk  
svn://repo/svn/project/branches/RB-1.0
```

Checkout release branch to
local working copy

```
svn co svn://svn/rep/branches/RB-1.0 rb1.0
```

Switch working copy

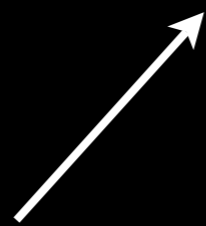
```
svn switch svn://svn/rep/branches/RB-1.0
```

Some time
passes...



Generate a release

Tag correct files
in correct branch



Hopefully the latest
release branch

```
svn mkdir -m 'Created tags directory'  
svn://repo/svn/project/tags
```

```
svn copy -m 'Tagging release 1.0.0'  
svn://repo/svn/project/branches/RB-1.0  
svn://repo/svn/project/tags/REL-1.0.0
```

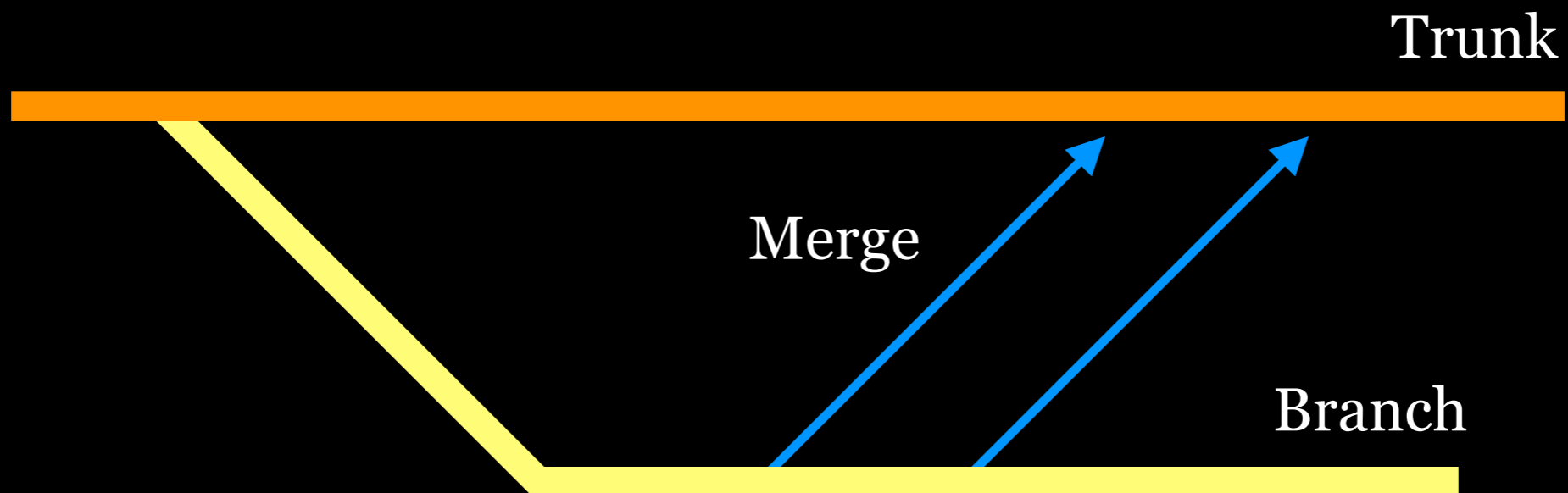
Check out a tagged release

```
svn co svn://svn/rep/tags/REL-1.0.0
```

Merging

Trunk stays stable

Merge branches back to
trunk



```
svn update
```

```
svn merge -r37:HEAD
```

```
    svn://svn/rep/branches/RB-1.0
```

```
svn commit -m 'Merged r37 to r38'
```

```
svn update
```

```
svn merge -r37:38
```

```
    svn://svn/rep/branches/RB-1.0
```

```
svn commit -m 'Merged r37 to r38'
```

Good for spikes

Good for bug fixes

Love *your* IDE

IntelliJ IDEA

Eclipse

Komodo

emacs

vim

Bonus recipe!

Automated integration

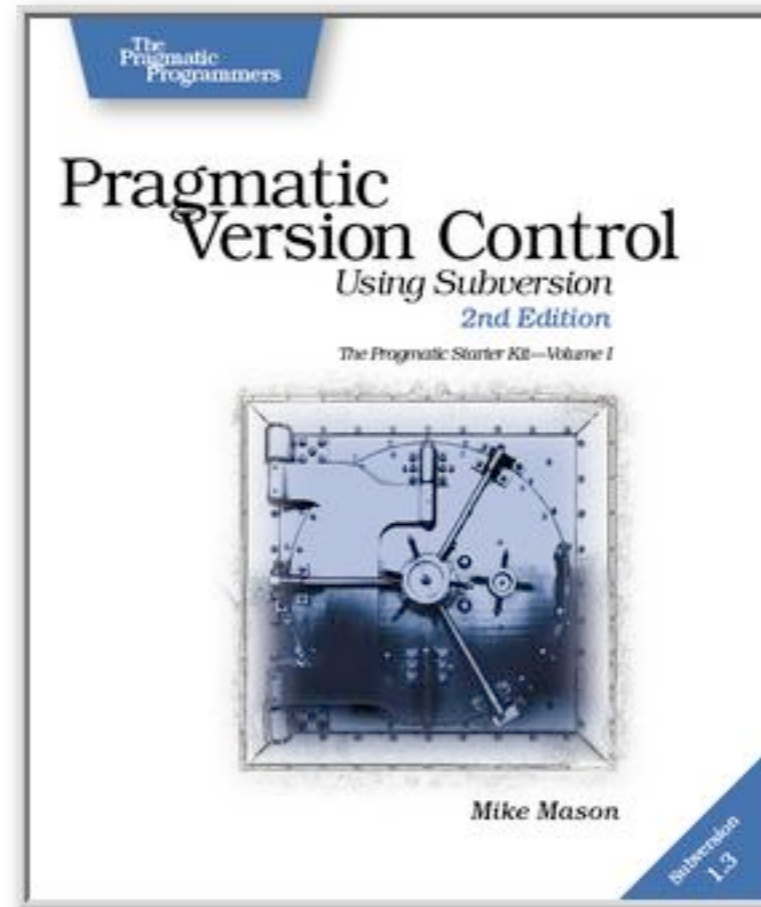
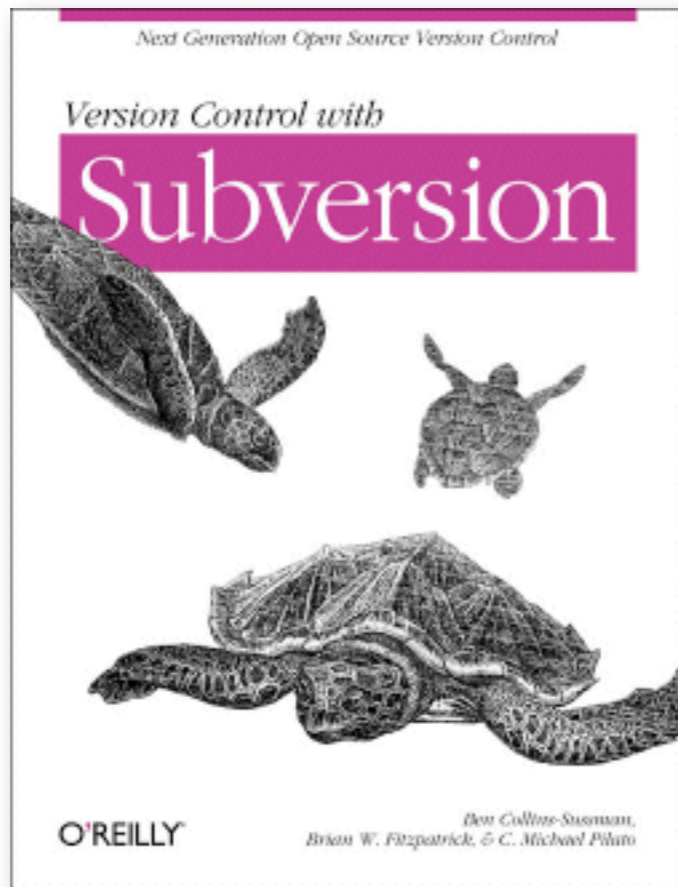
SVN hooks
(just like CVS)

Automatic actions

Cruise Control

Harmony

Talk to SSG



[slideshare.net/mza](https://www.slideshare.net/mza)