

Build it, publish it

London OpenSolaris User Group  
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- You need a package and it's not available
- You own a package and want to make it available
- You just like the idea of contributing packages to OpenSolaris

- You need a package, what choices are there?
  - SunFreeware, BlastWave, Sun via SFW
  - Build it yourself
  - Get it from a third-party repo

- You want to contribute a package, what choices are there?
  - SunFreeware, BlastWave, Sun via SFW

- Or you could use sourcejuicer

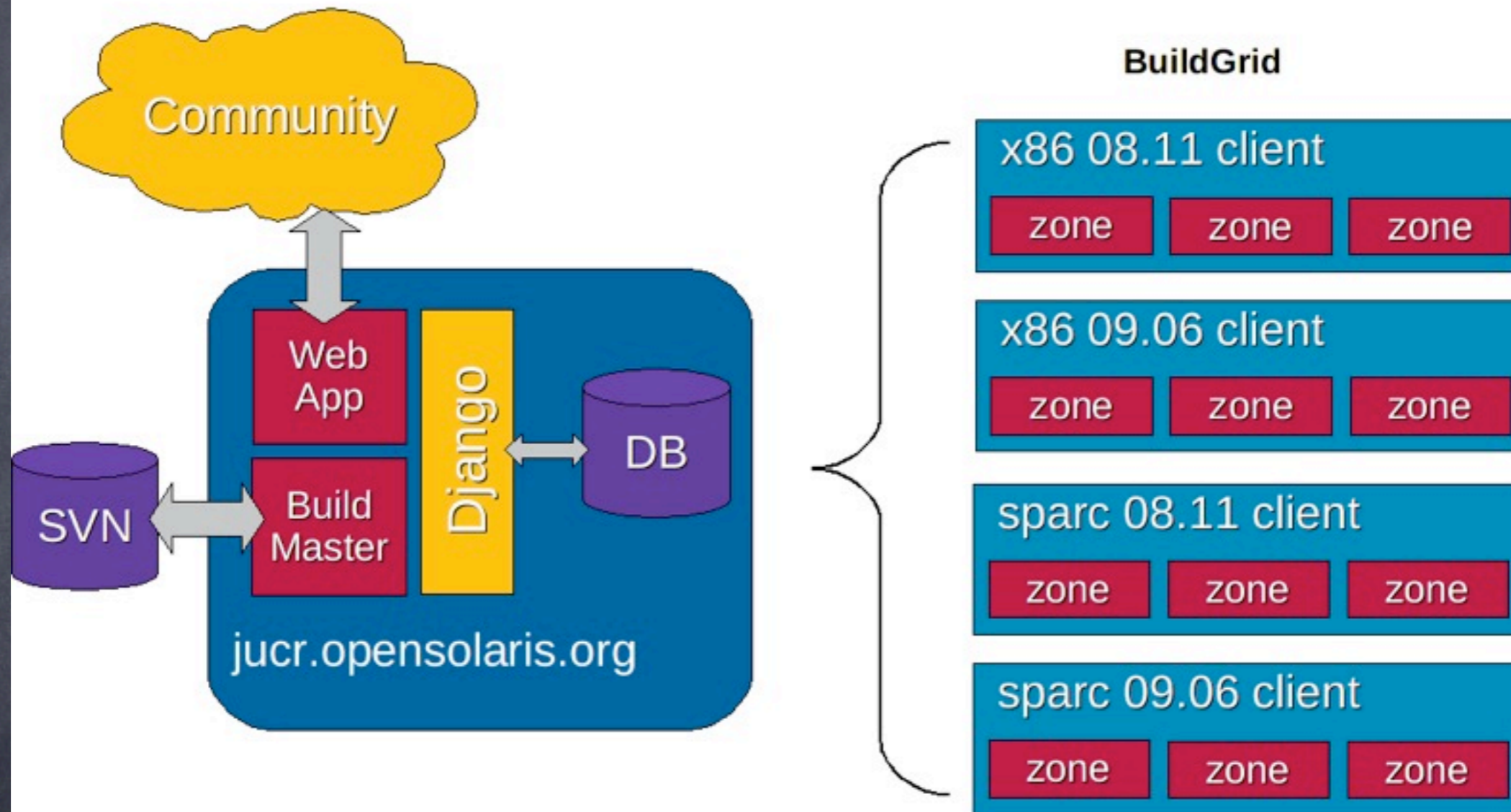
• What on earth is a SourceJuicer?

- Take a spec file
- submit it to sourcejuicer
- sourcejuicer builds the package
- sourcejuicer publishes the package

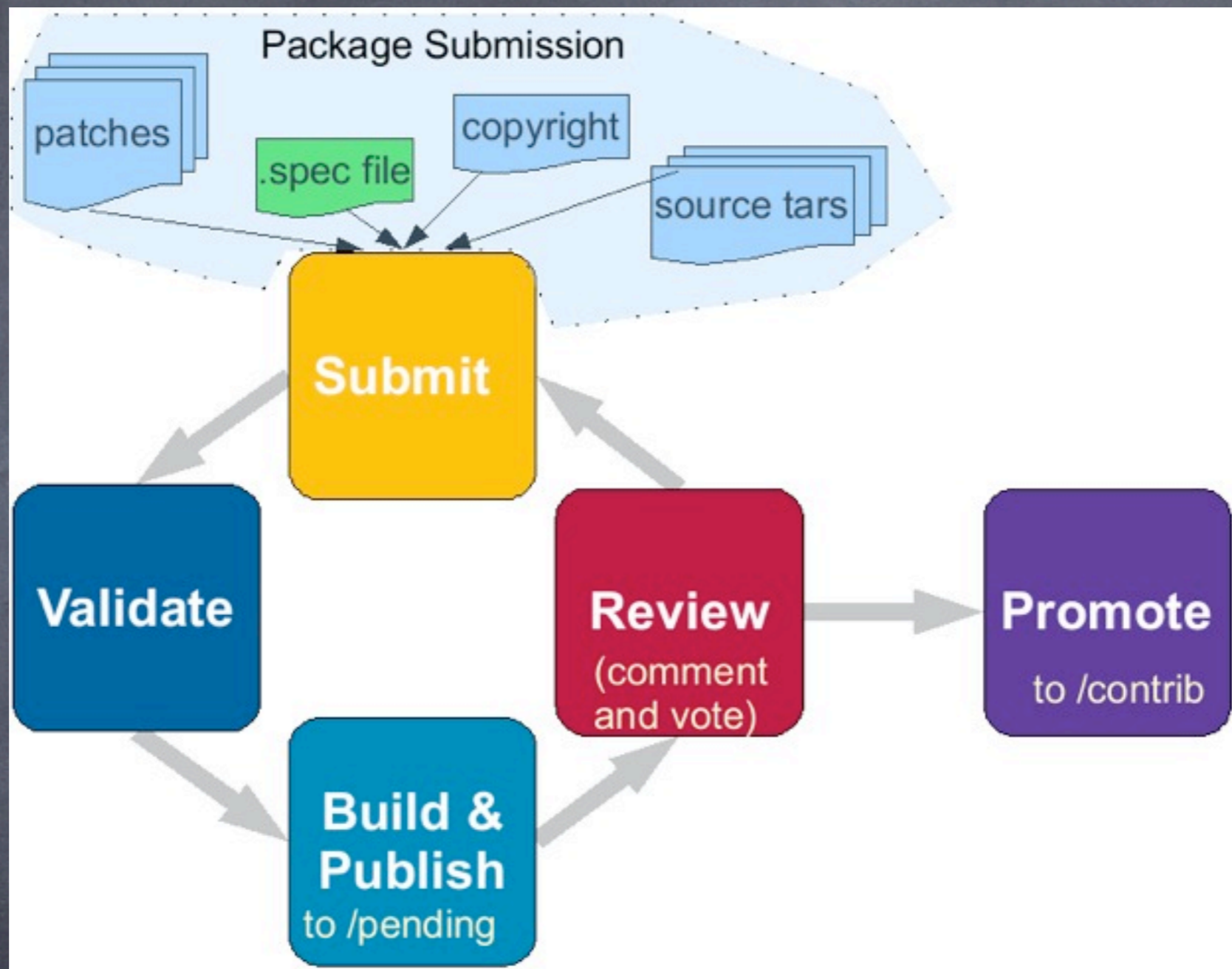
• Yeah, but what is it?



# OpenSolaris Source Juicer



# Inner workings



# The process

• Now for a short demo

• Ok, not that short then

- Taking the guesswork out

- Test Farms (<http://hub.opensolaris.org/bin/view/Community+Group+testing/testfarm>)

- Setup your own (<http://wiki.genunix.org/wiki/index.php/jucrenv>)

# Why SJ?

- lowers barrier to entry for getting packages into OpenSolaris
- gets dependencies from OpenSolaris repos
- can mostly re-use existing spec files
- can build with whatever toolchain you like
- we're a nice bunch to work with

- **SourceJuicer:** <http://juccr.opensolaris.org>
- **/contrib repo:** <http://pkg.opensolaris.org/contrib>
- **My Blog:** <http://blogs.sun.com/mandy>
- **Alias to request packages to:**  
[sw-porters-discuss@opensolaris.org](mailto:sw-porters-discuss@opensolaris.org)
- **Test Farms:** <http://hub.opensolaris.org/bin/view/Community+Group+testing/testfarm>
- **Setting up a Jucr env:** <http://wiki.genunix.org/wiki/index.php/jucrenv>

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# Porting OSS Apps

- Sun via SFW
- ISVs
  - <http://partneradvantage.sun.com>
- PkgFactory (automated)
- SourceJuicer (semi-automated)