

FOSS

Outreach Program for Women

- Goal: Get more women into open source
- Internship:
 - 3 months
 - Full-time
 - Paired with mentor
- Program runs twice a year
 - June - Sept
 - Dec - March



19 different projects



OPW Timeline

- 1 month application period
 - Pick a project
 - Talk to mentors
 - Submit their first patch
- Mentors choose interns
- 3 month internship

Status from Round 6

- 41 applicants, 7 interns
- 230 patches in 3.11
 - Cleanups from application period
 - OPW was #13 employer by changeset
- 93 patches in 3.12
 - Laura exposed RSS indirection table in igb for ethtool
 - Lidza merged two out-of-tree TTY drivers
 - Xenia added dynamic debug and trace events to xHCI

Round 7

- Applications open through Nov 11th
- Internships run Dec 10th to March 10th
- Next round in April

Where we could use help

- Funding
- Application patch reviewers
- Answering questions on IRC
- Entry-level projects and mentors

IRC Help

- Need people in all timezones
- Help with
 - email setup
 - git issues
 - compilation issues
 - application questions

Application Patch Review

- Like drinking from a firehose
- Week 1: simple patches, simple mistakes
- Week 2: a few patchsets (3-5 patches)
- Week 3: sparse, coccinelle, “meatier” patches
- Week 4: mostly patchsets (10-20 patches)

Mentoring

- Big time commitment
- Meet weekly (1 hour or more)
- Support via IRC, email, phone
- Help with community feedback
- Possible time zone differences

What makes a good project?

- “Goldy Locks”
 - not too easy, not too hard
 - Lots of simple patches = more review
 - Complex project = more mentoring
- Special hardware can cause delays
- Good community feedback
- Is your project already done?

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Questions?

What worked

- Step-by-step tutorial on kernelnewbies.org
- Responsive patch reviewers
- Mentors willing to commit time
- Interns with previous experience with Linux

Back Stage Work

- Tutorial on kernelnewbies.org
- Separate mailing list & IRC channel
- Finding funding
- Finding mentors
- Tracking applications and patch acceptance