

x86 core Project



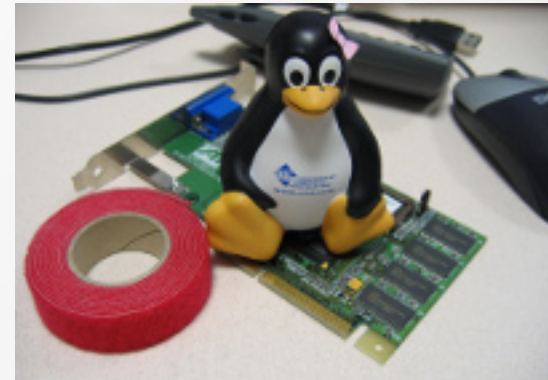
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Outreach Program for Women Intern

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Project Info & Goal

- Central boot code in the Linux kernel
- Parallelizing the x86 boot process



How to achieve?

- Learn how the x86 boot path works for AP's
- Become proficient using GIT
- Create new `cpu_up()` function to loop over AP's calling `do_boot_cpu`
- Debug kernel paths changed to achieve parallel bringup
- Submit patches to kernel mailing list for inclusion in kernel

Things I learned

- How to build a kernel
- Using git
- How the x86 boot path works
- Sending a patch & updating
- Testing & debugging
- How to deal with different timezones



My achievements

- Improved code reading
- Not scared of changing kernel code anymore
- Contributing to an open source project
- Met and worked with awesome people

Thank you!

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