



Customizing OPAL

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Stewart Smith
OPAL Architect, IBM
stewart@linux.vnet.ibm.com
@stewartsmith





OPAL

OpenPower Abstraction Layer



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OpenPower Firmware



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 - * linux
 - * op-build
 - * petitboot
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skiboot provides OPAL



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Hostboot loads skiboot

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linux + petitboot provide boot UI



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op-build

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Why modify skiboot?



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Why modify petitboot?





OPAL

for your hardware



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asm/
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hw/
include/
libc/
libfdt/
libpore/



Platforms

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platforms/
ibm-fsp/
astbmc/
rhesus/



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```
if (!dt_node_is_compatible(dt_root, "ibm,firenze"))
```

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```
static bool firestone_probe(void)
{
    if (!dt_node_is_compatible(dt_root, "ibm,firestone"))
        return false;

    /* Lot of common early inits here */
    astbmc_early_init();

    return true;
}
```




Hardware Init

skiboot/hw



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Contributing back

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Github

<https://github.com/open-power/>



Mailing list

skiboot@lists.ozlabs.org





Questions?



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