

DT Generic Bindings

DT Workshop / Kernel Summit 2017 / Prague, CZ

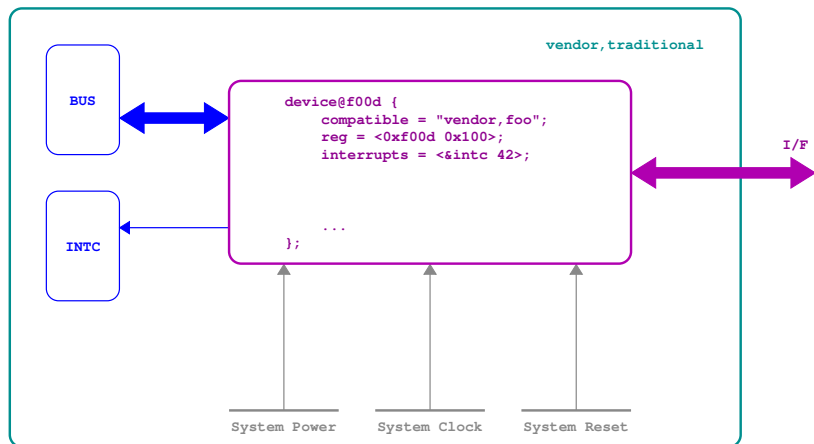
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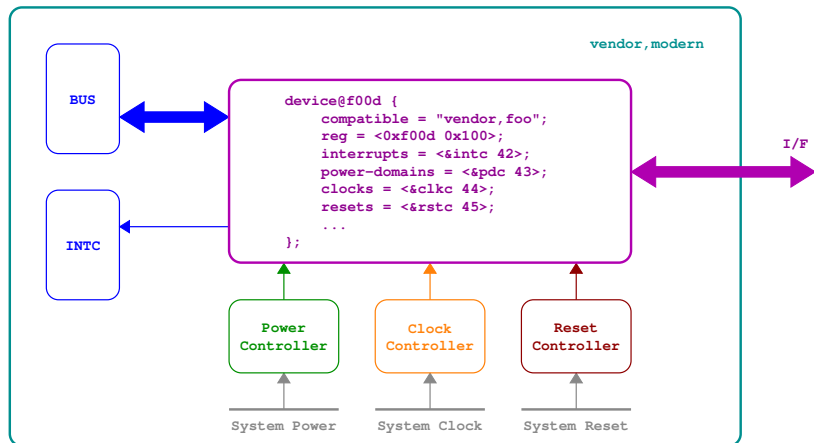
Glider bvba

Thursday, October 26

DT Generic Bindings: Traditional System (ePAPR)



DT Generic Bindings: Modern System-on-Chip



DT Generic Bindings: Platform Properties

1. **power-domains**
2. **clocks** (if clock domain, combined with above)
3. **resets**
4. Other?

Linux

- ▶ 1 and 2 typically handled by *PM Domain* and *Runtime PM*
- ▶ Driver is unaware of details, just calls
`pm_runtime_{enable, get_sync, put}()`
- ▶ No generic handling for 3 yet (complicated)

DT Bindings

- ▶ Define in platform bindings, not device bindings
- ▶ Nested hierarchy of bindings?

