DT Generic Bindings
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device@f00d {
    compatible = "vendor,foo";
    reg = <0xf00d 0x100>;
    interrupts = <&intc 42>;
};
DT Generic Bindings: Modern System-on-Chip

```
device@f00d {
    compatible = "vendor,foo";
    reg = <0xf00d 0x100>;
    interrupts = <&intc 42>;
    power-domains = <&pdc 43>;
    clocks = <&clkc 44>;
    resets = <&rstc 45>;
    ...
};
```

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**Power Controller**
- System Power

**Clock Controller**
- System Clock

**Reset Controller**
- System Reset
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
  ```c
  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?