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Volvo Group Trucks Technology

Alternative approaches to modeling Git submodules

Or

”One way of modeling nested GIT modules”

Related issue: Hierarchical source code structures #259

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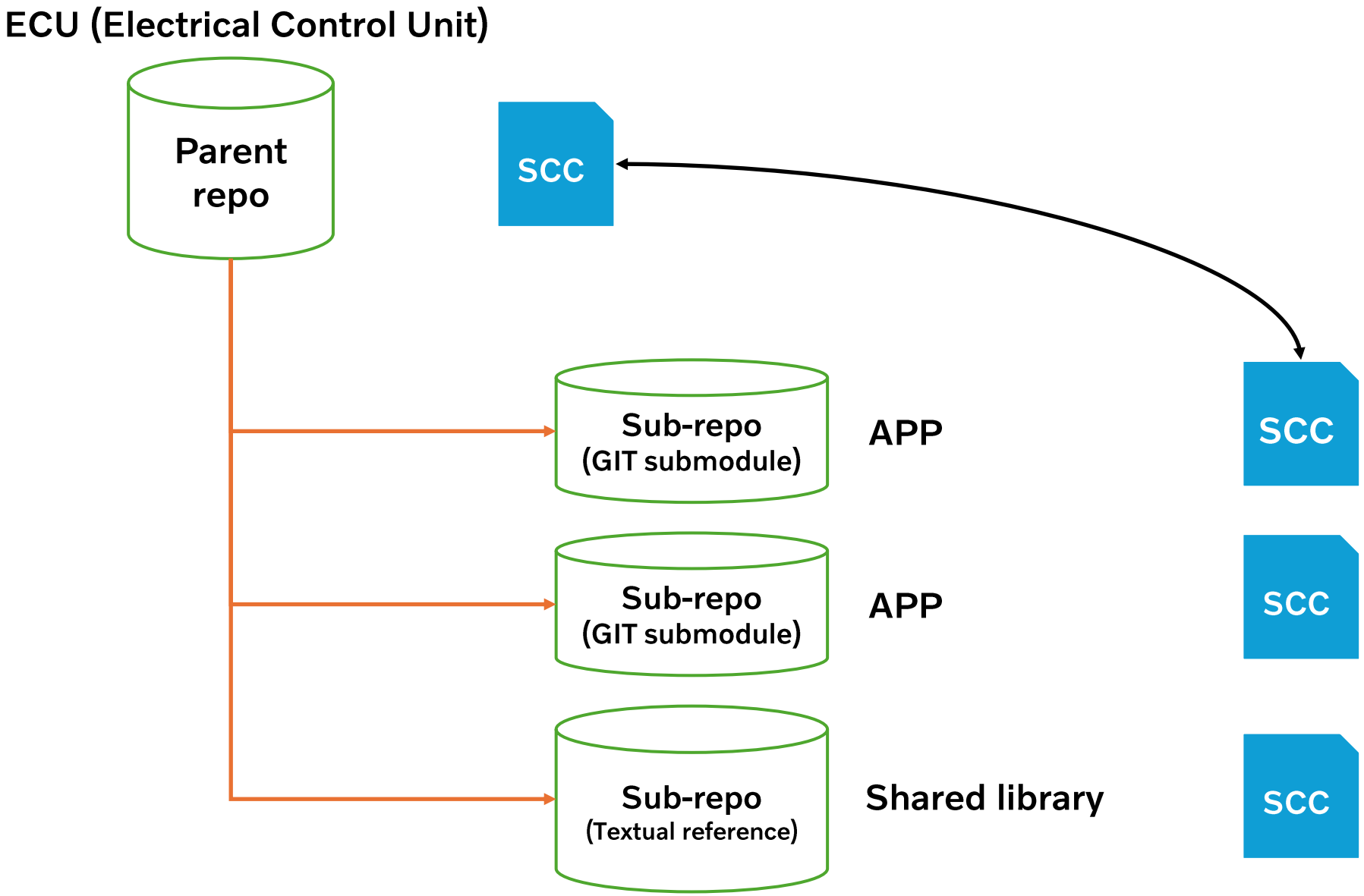
Vehicle Software Factory (VSF) – Product Metrics

Abbreviations used

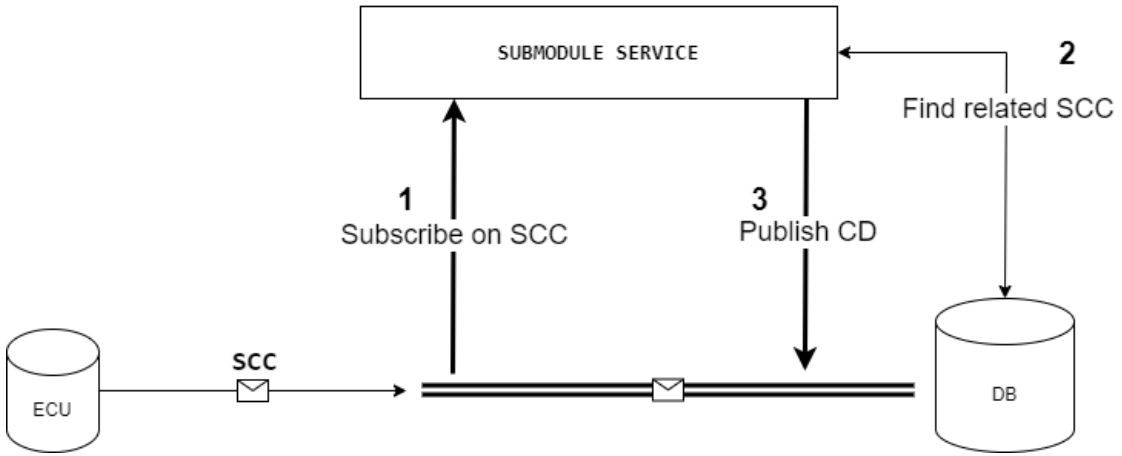
- SourceChangeCreated (SCC)
- CompositionDefined (CD)

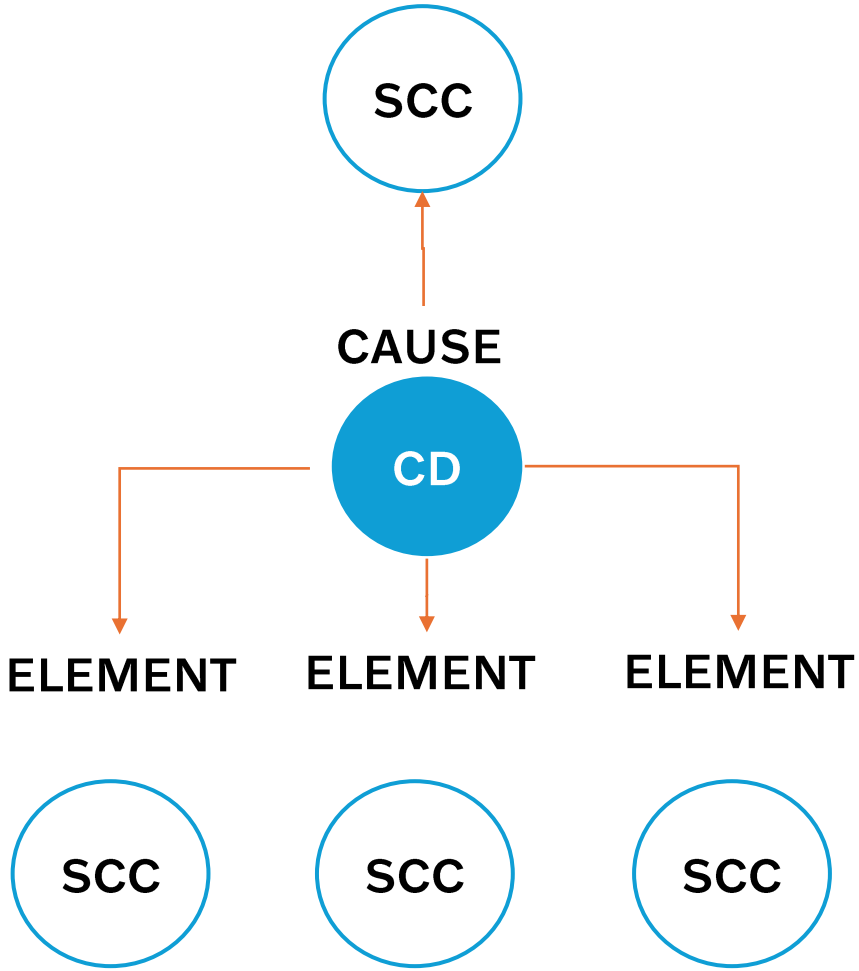
The case / the setup



Using the CD to relate

```
"links": [{
    "type": "ELEMENT",
    "target": [ID_FROM_SUBCOMPONENT_SCC_EVENT]
  }
  // ... more elements
```





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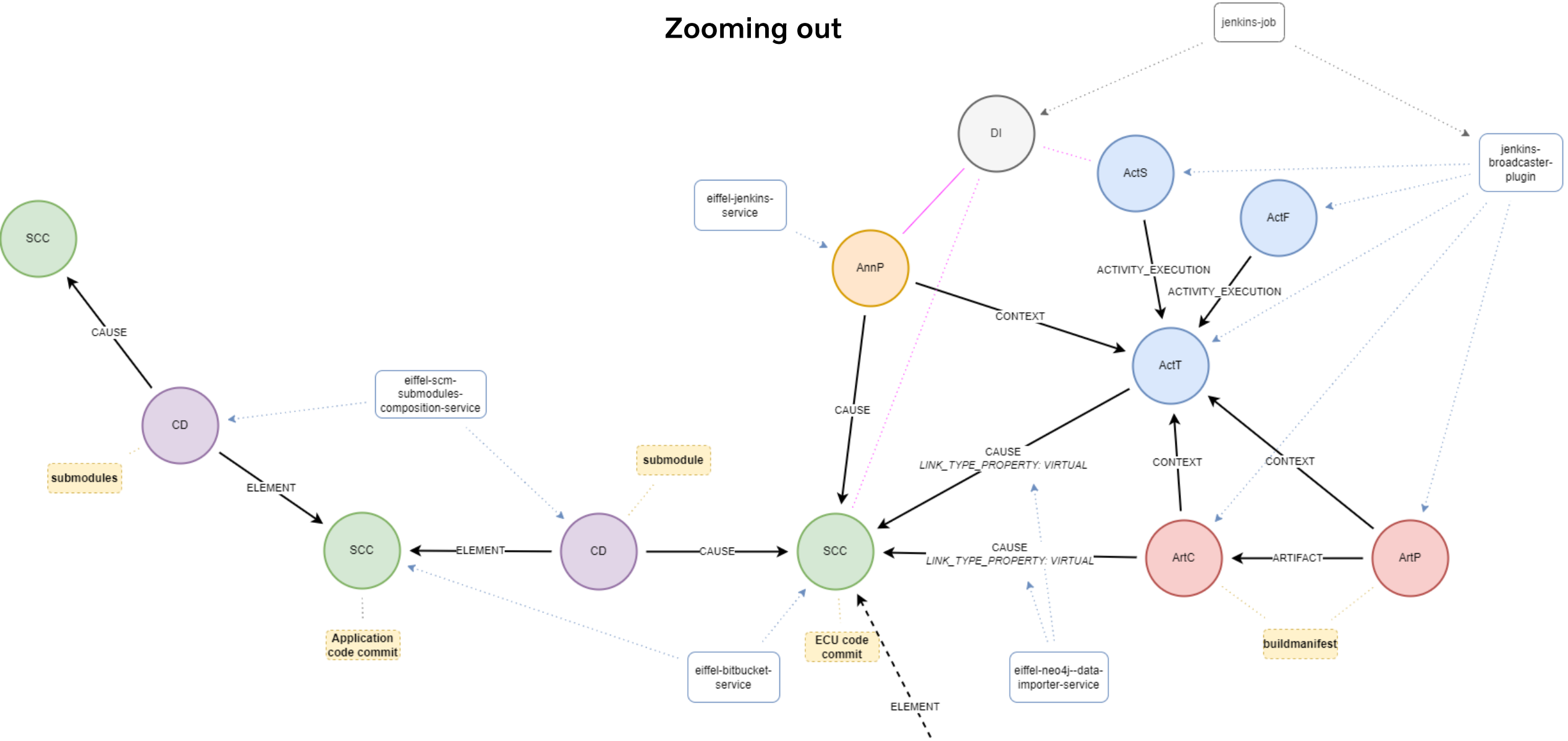
Zooming out



Composition Defined (CD)

+ Generic event who could support a wide variarety of use-cases
- It could be overused? though there's no obvious downside now, other than the potential for our solution to become cluttered with CD events over time

SourceChangeCreated (SCC)

How could we utilize this with the SCC ?
- Extend the SCC Links with a SUBJECT(S) type list, accepting SCC as targets ?
- Extend the SCC Links with an ELEMENT type accepting a CD as target ?

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Thank you for listening!