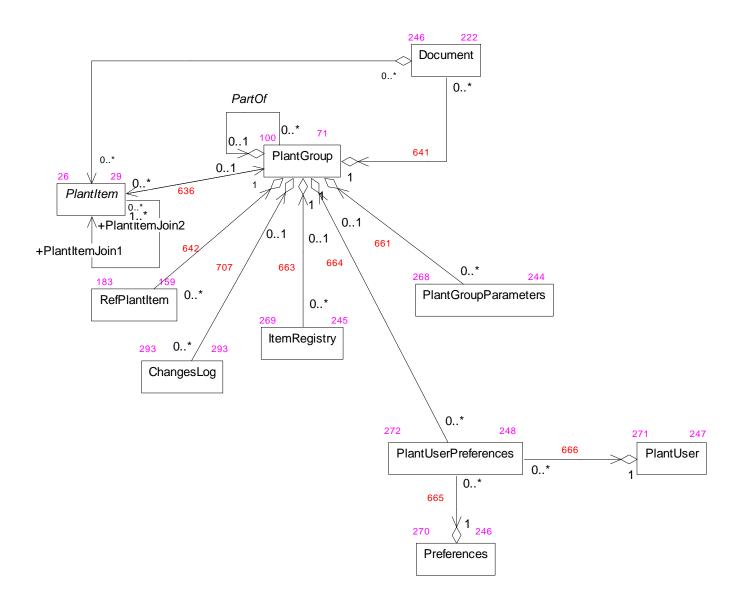
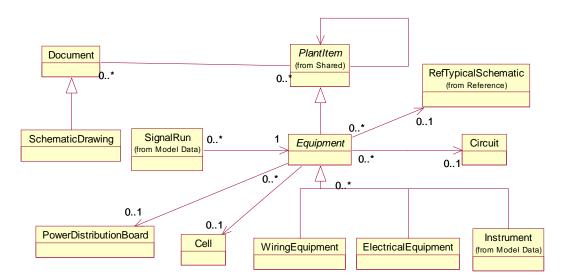
Plant Structure





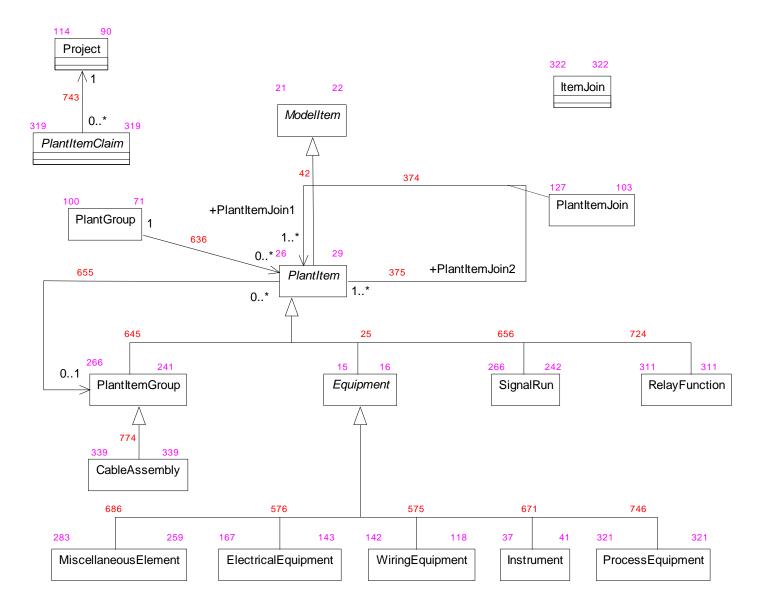
This is the "summary" of the items and relations that we need to path between SEL and SPI back and forth.

Below you will see more of the data model of SEL with specific information.

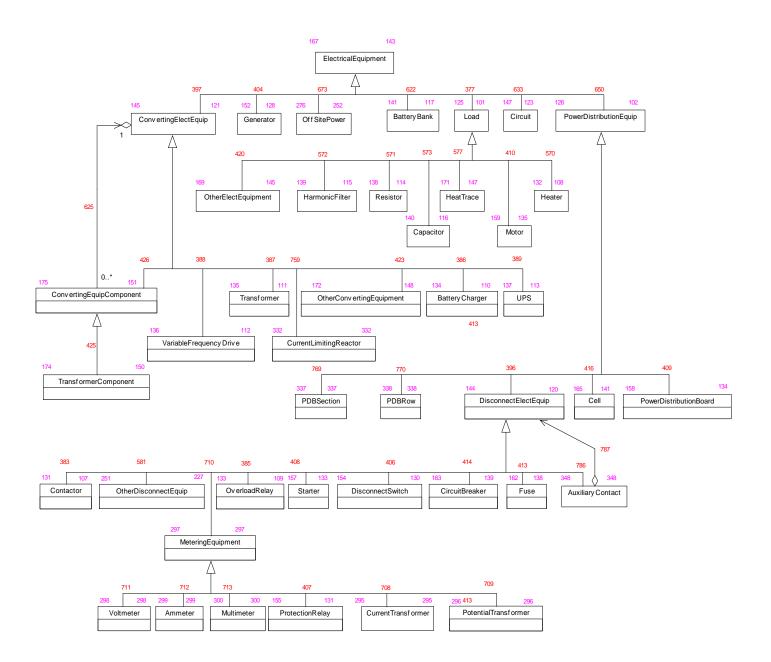
Wiring equipment is here to represent the fact that ControlStation can also have IOTagSignal.

Instrument is an Equipment in this model

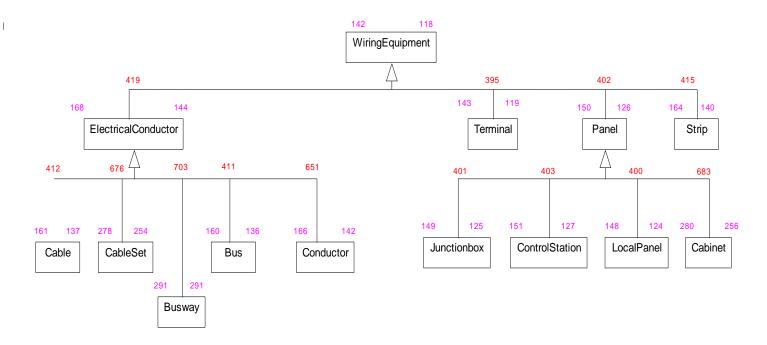
• PlantItemJoin represent the relation between PlantItem to the other. This is what build the Tree that represent the Electrical load relation.



This is the hierarchy of electrical equipment



This is the hierarchy of wiring equipment

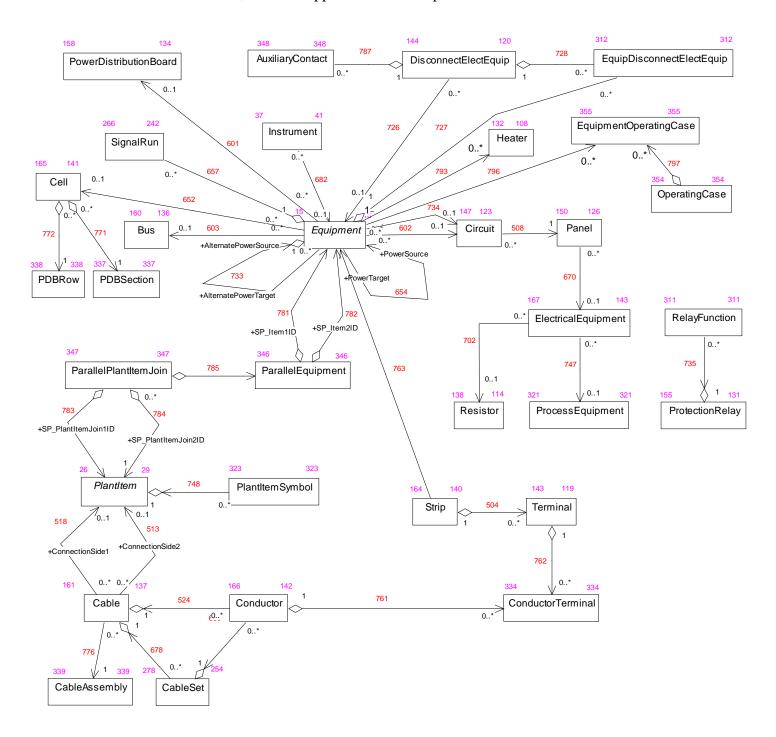


The relation of IOTagSignal and Equipment from SEL side

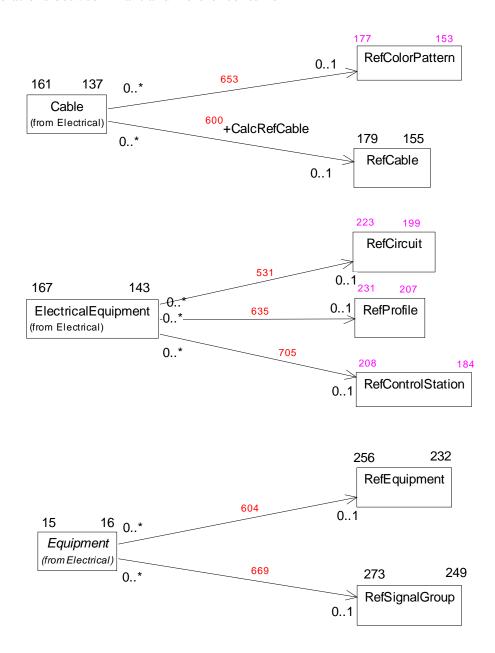
Instrument is an Equipment in this model (see first page). Instrument – IOTagSignal relation is required too.

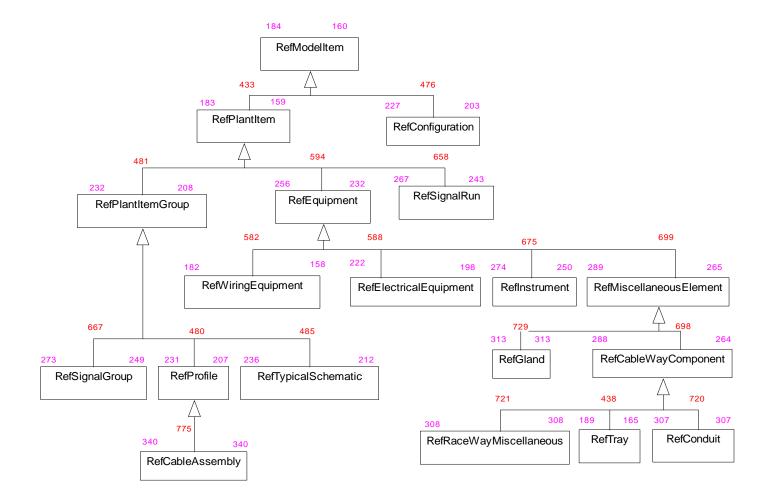
The relation between the Circuit and Equipment is published to Smart Instrumentation.

The relation between the PowerDistributionBoard and Equipment is published to Smart Instrumentation. In Smart Instrumentation, the PDB appear as a cabinet/panel.

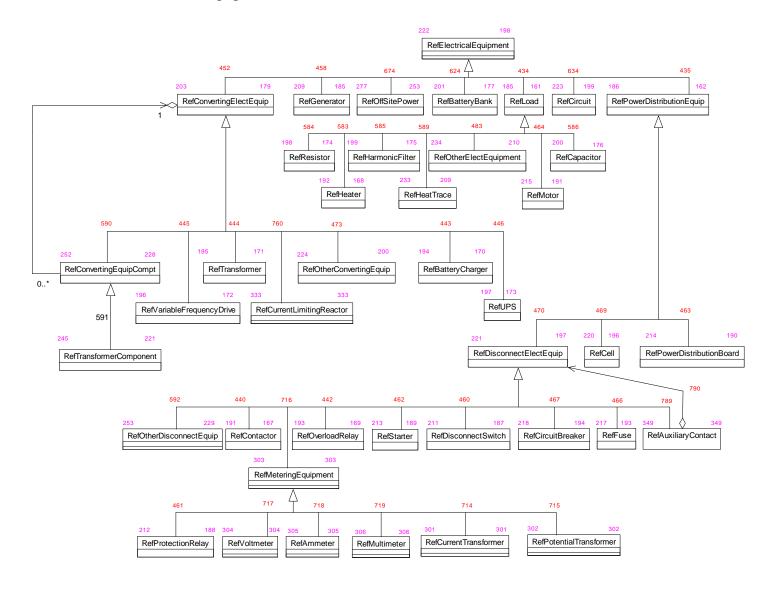


Some of the Relations between Plant and Reference items

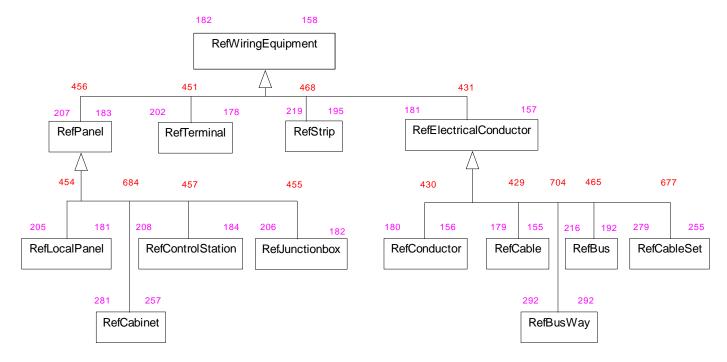




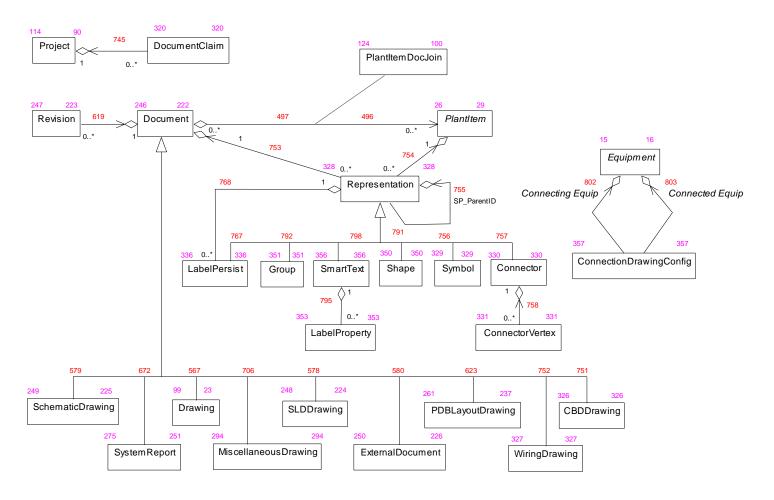
Reference electrical equipment



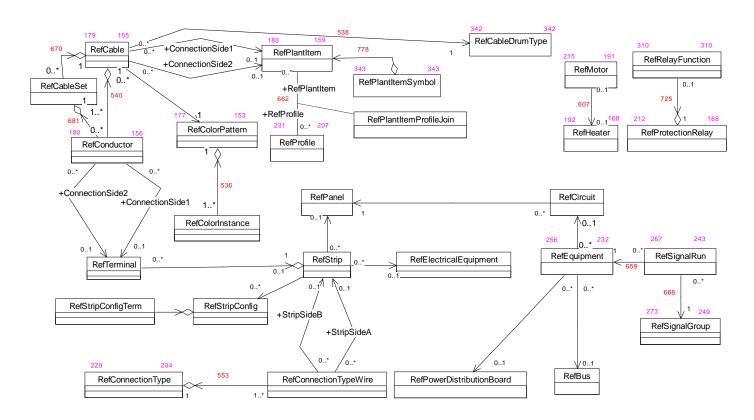
Reference wiring equipment

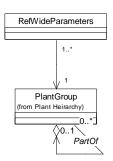


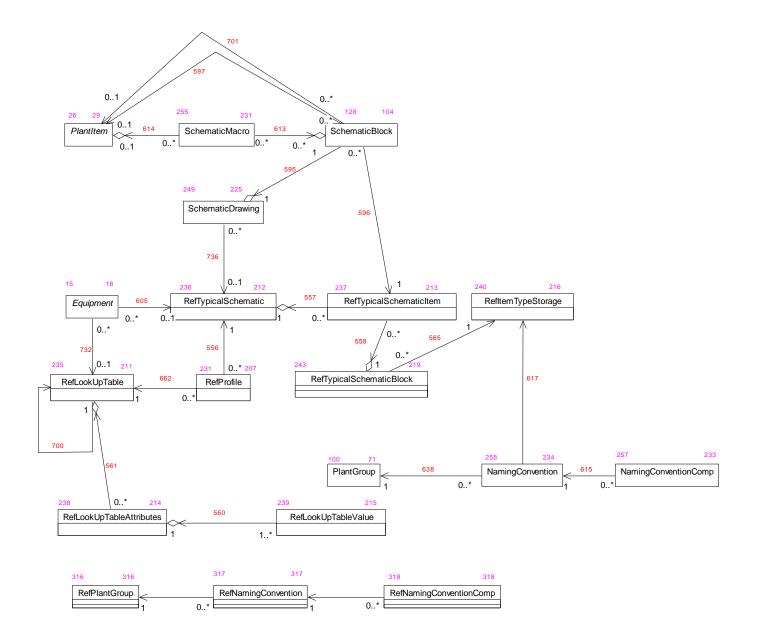
Document related items



Reference relations

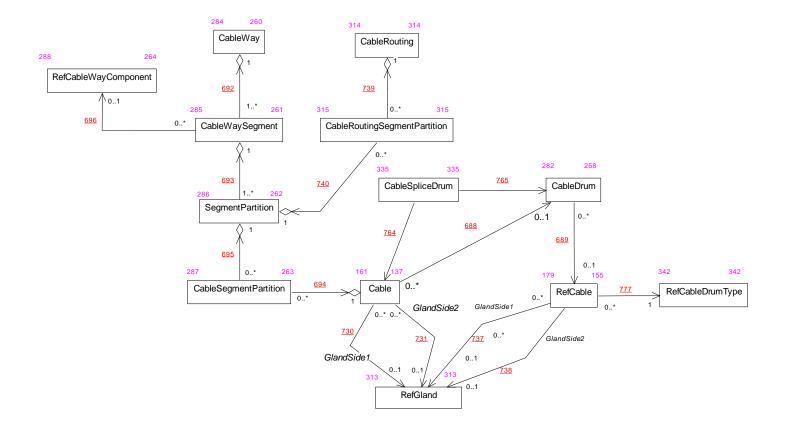


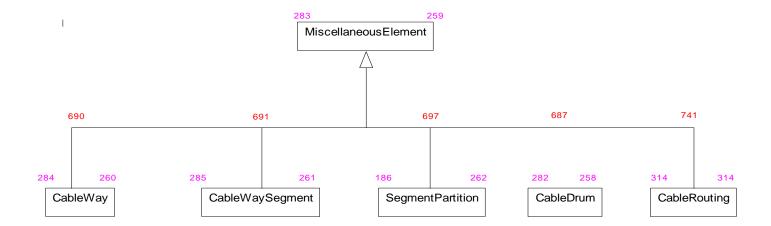




The RefTypicalSchematic and the SchematicDrawing (page 9) relate to Equipment and are also published to Smart Instrumentation.

These are the cable way related items:





Configuration model

