



Explicit relation declaration in the field to target mapping and link to hub mapping (Black = explicit unnamed mapping)



Induced relation participation of a field



Declared tracked relation of effectivity satellites on links



Load operations, created from explicit declarations



Load operations, induced by specific constellations (Star = main/universal, Diamond = Link with explicit relation mappings)



Parent Path = Relation Name in link parent declaration

Arrows annotate the direction of induction

Field Names:
BK = Business Key in hub
C = Content in satellite
DC = Dependend child key in link

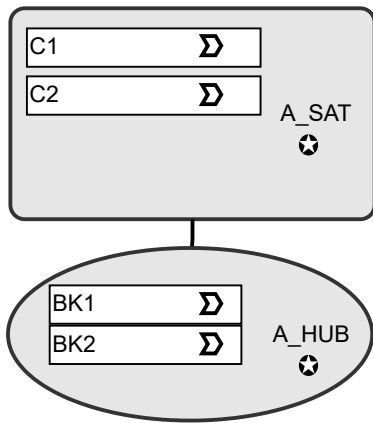
Number = Column in the target (Same Number = same column)

T,U,V = Participation of field in relation

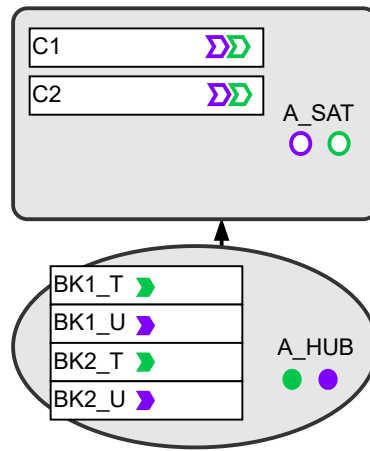
Note: Since Hubs must always declare their relations explicitly (else the relation would not exist) the scenarios for satellites on hubs(3000 - 3070) are combinable with all later scenarios

3000

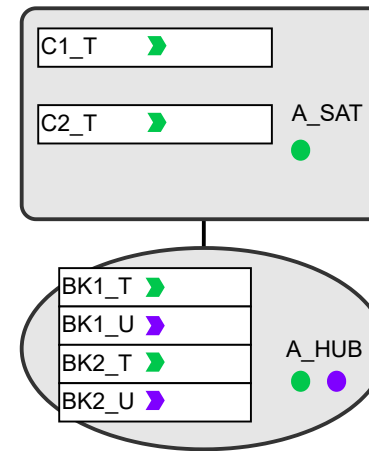
(20)



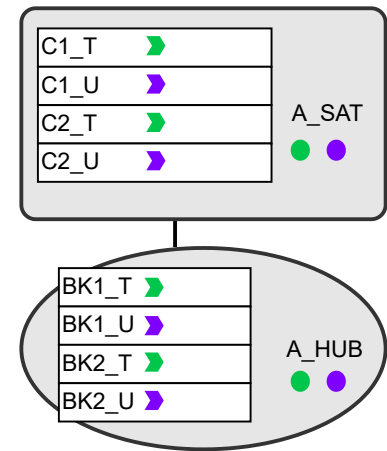
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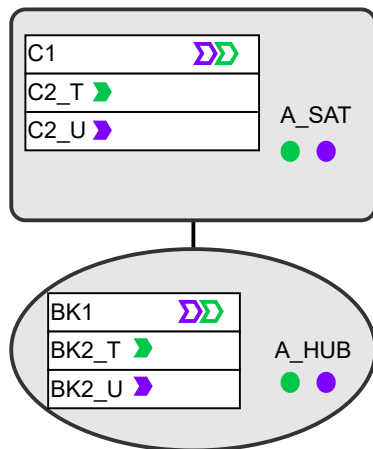
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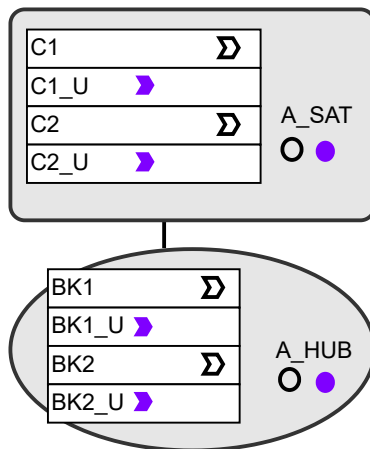
3030



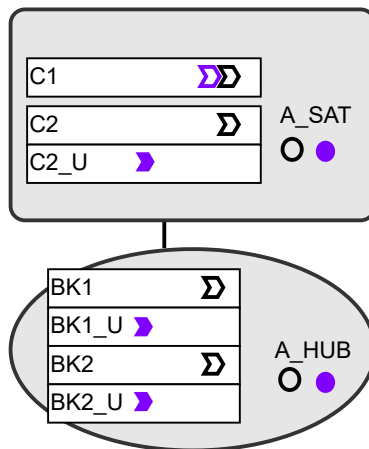
3040



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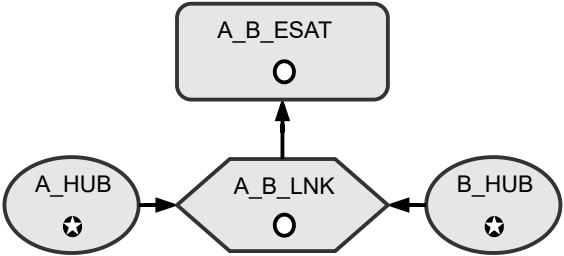


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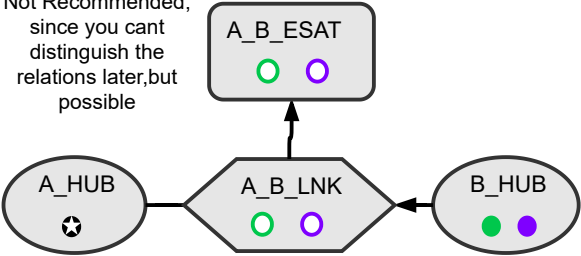
3070

3080
(22)

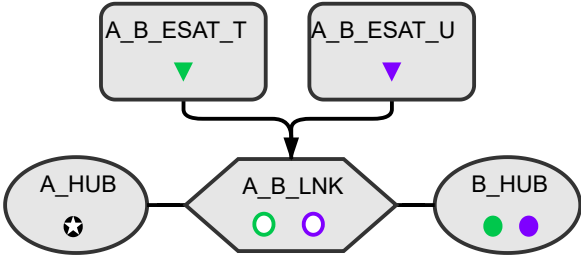


3090

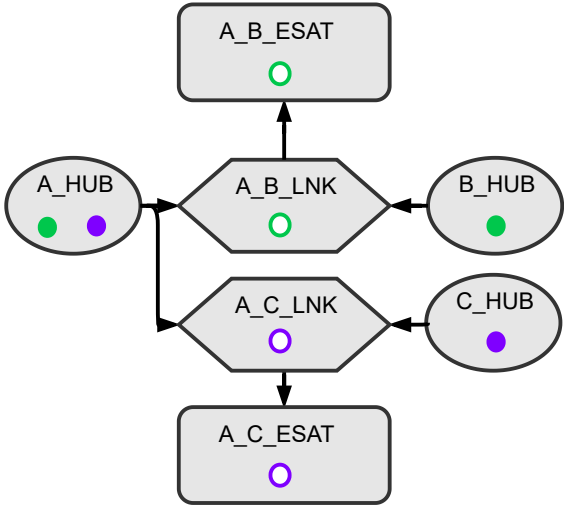
Not Recommended,
since you cant
distinguish the
relations later, but
possible



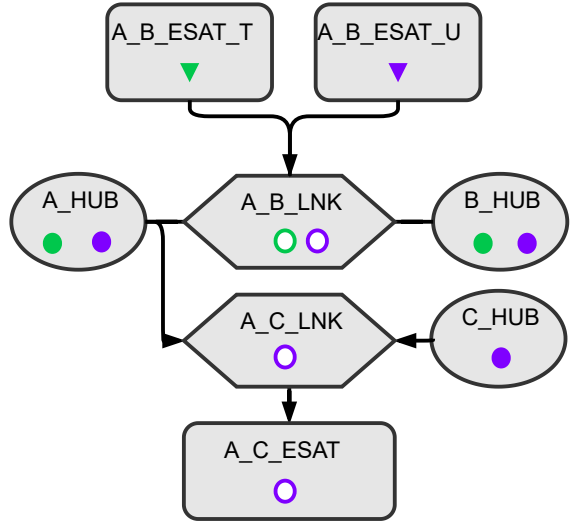
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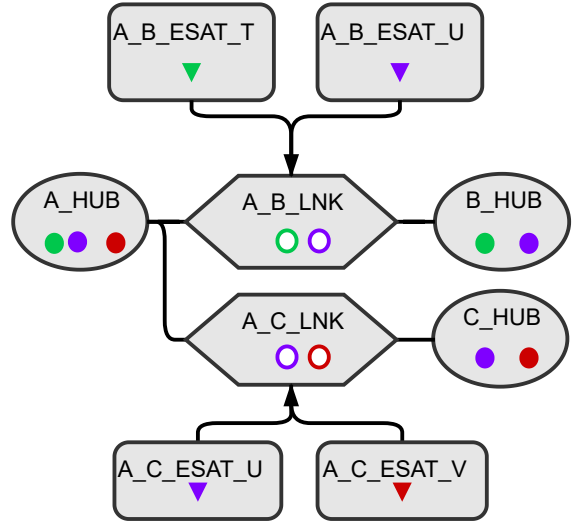
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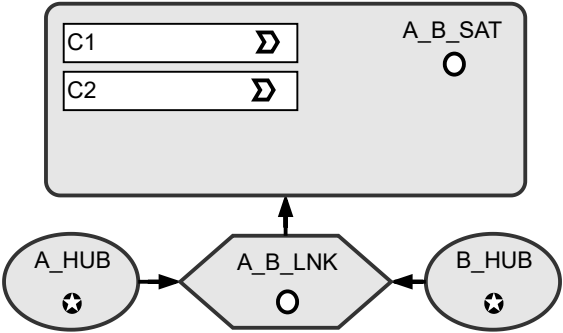
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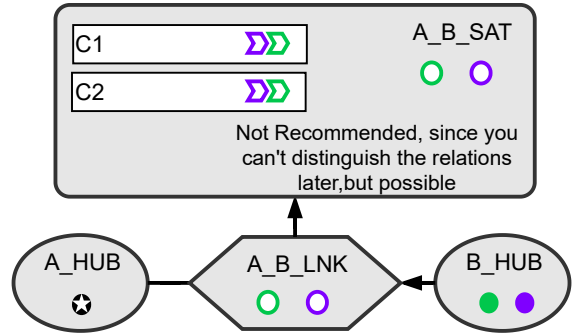
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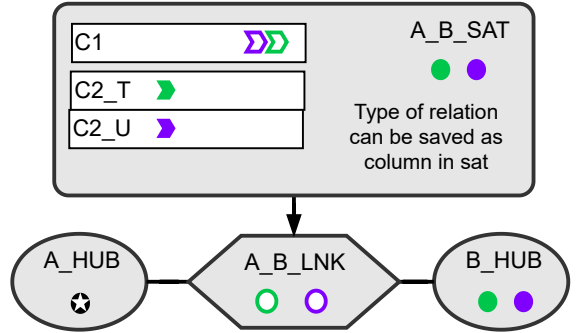
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(26)



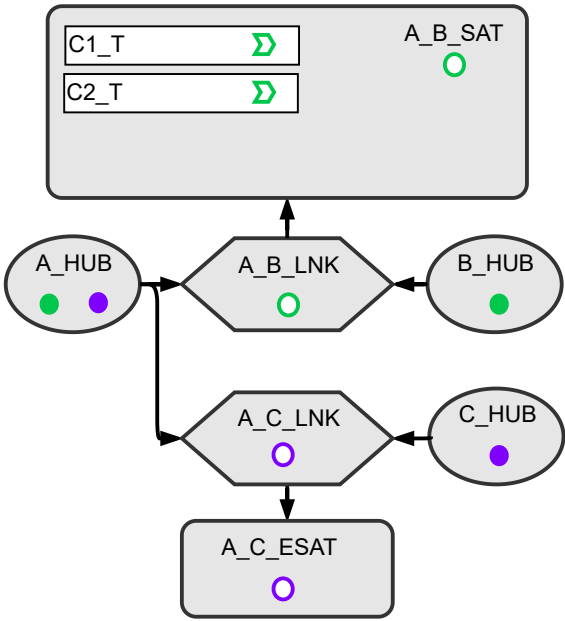
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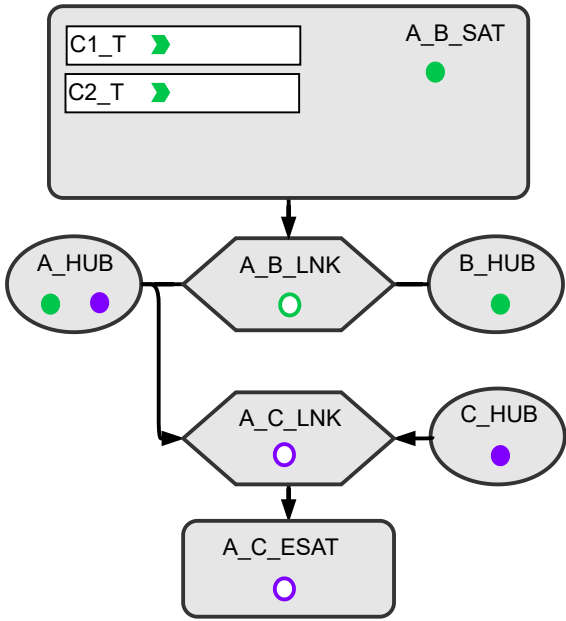
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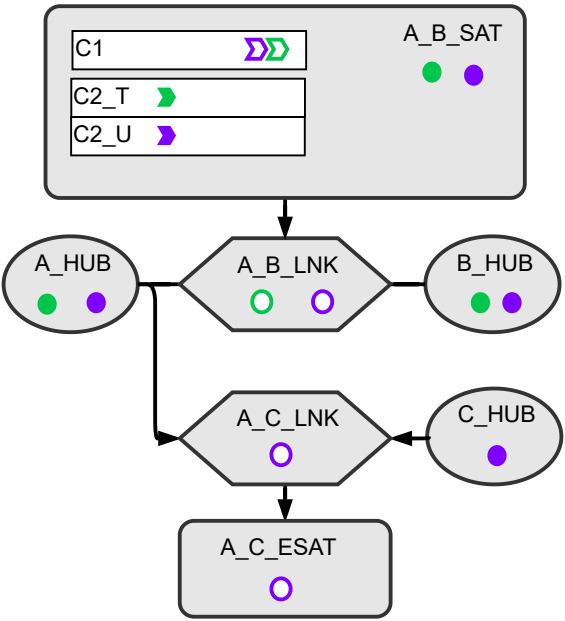
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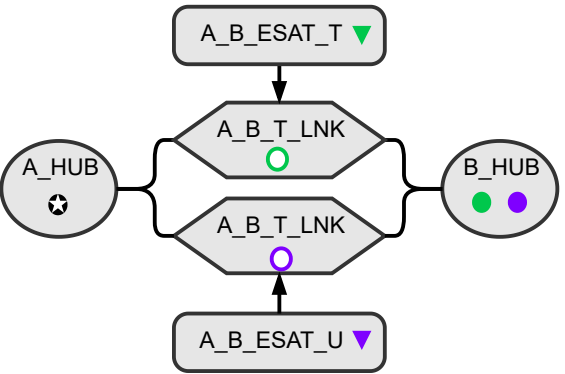
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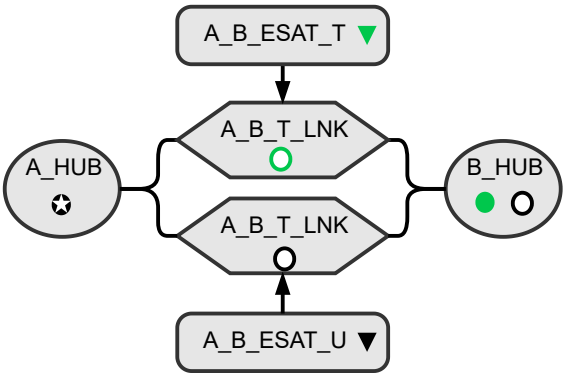
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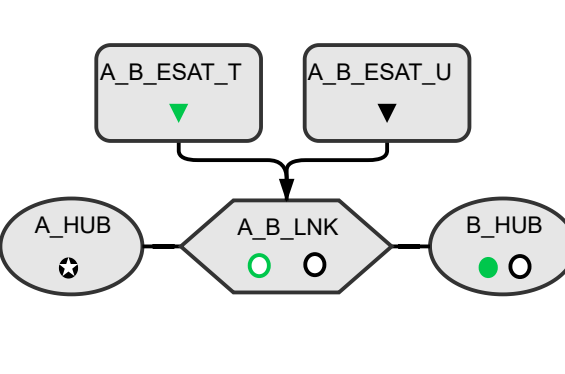
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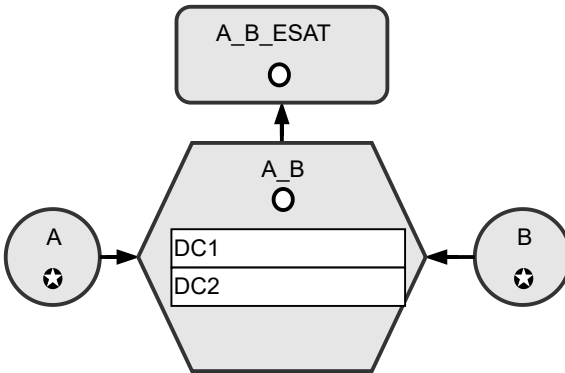
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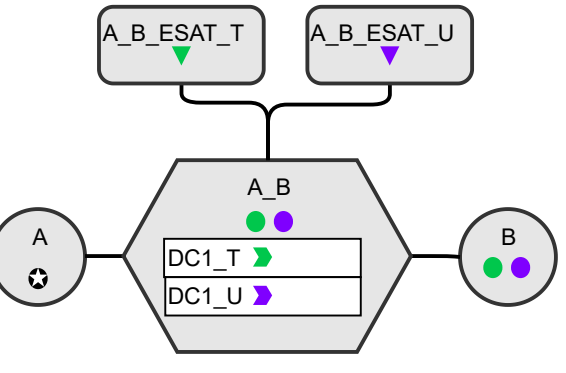
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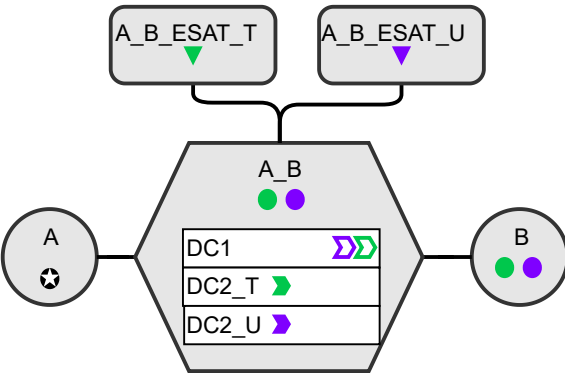
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3240

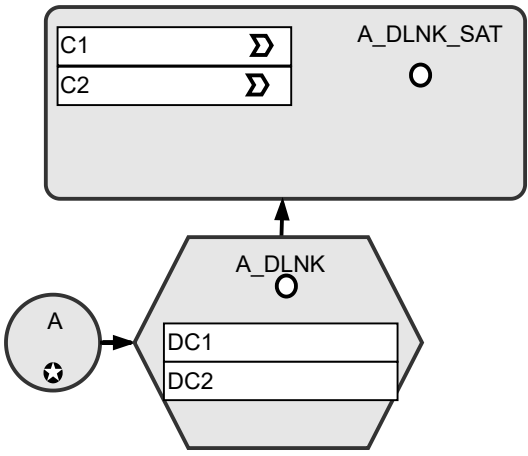


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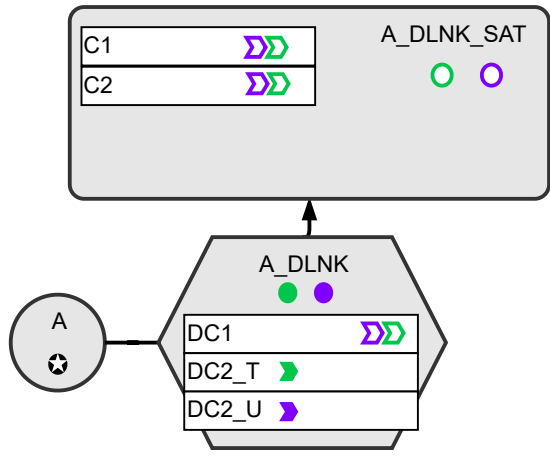


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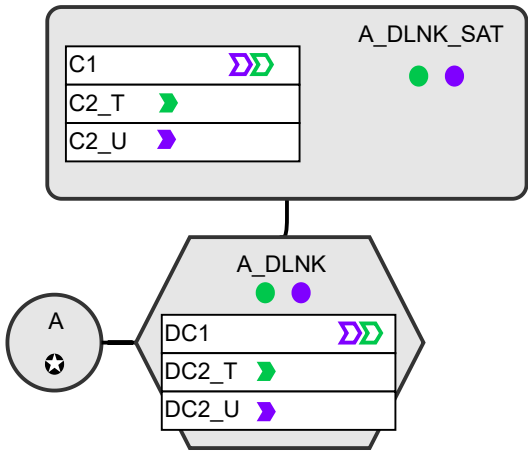
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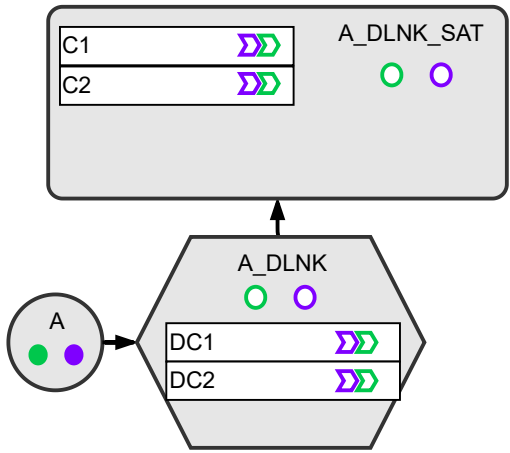
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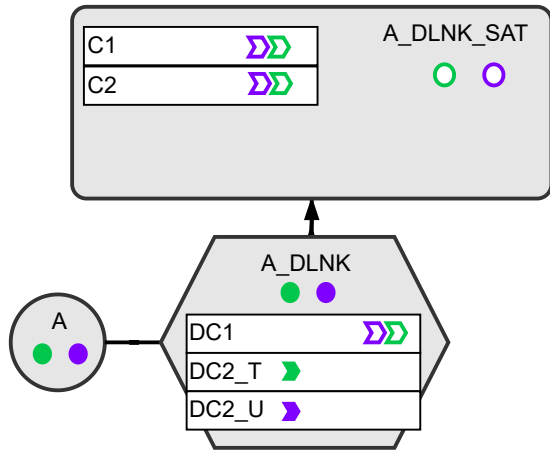
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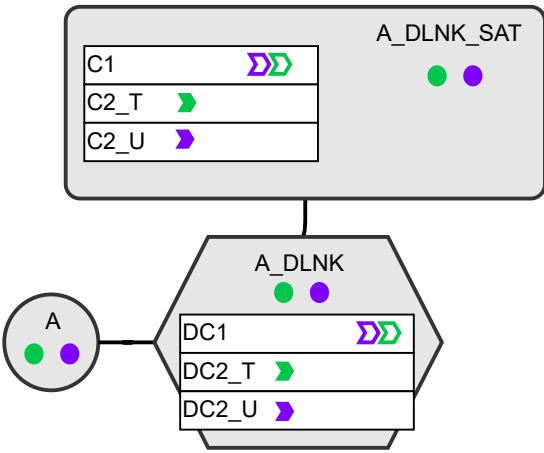
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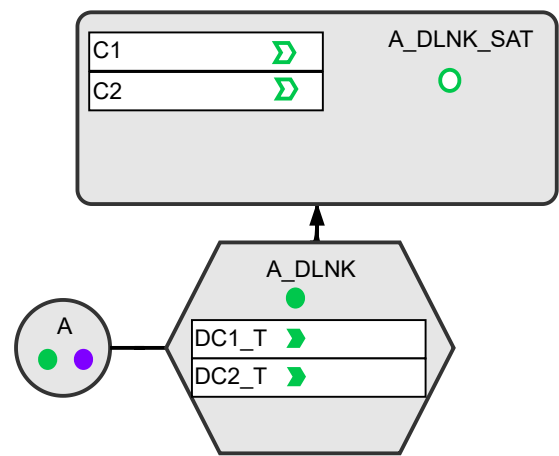
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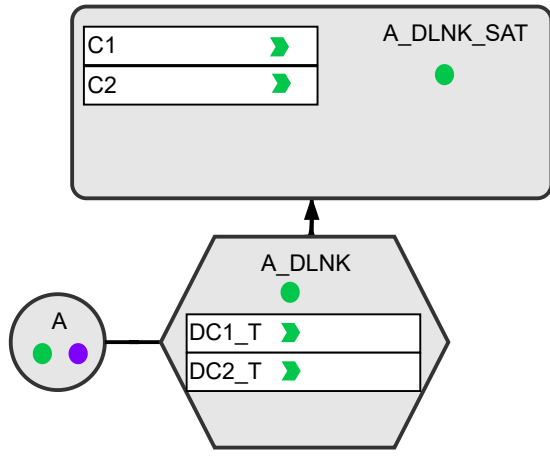
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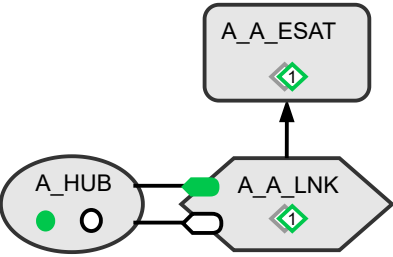


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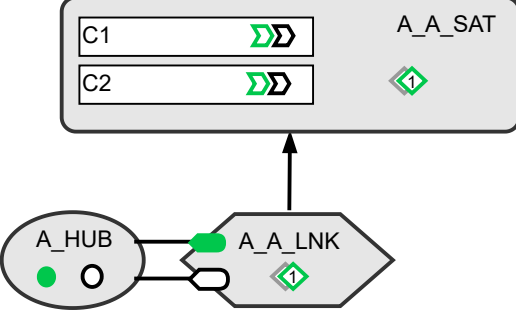


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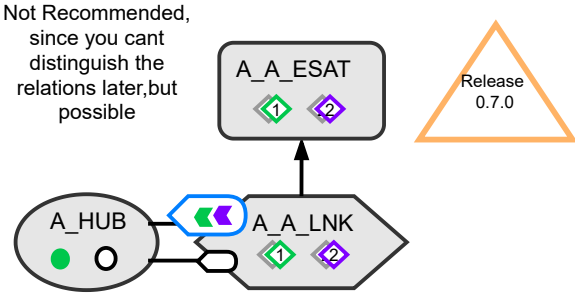
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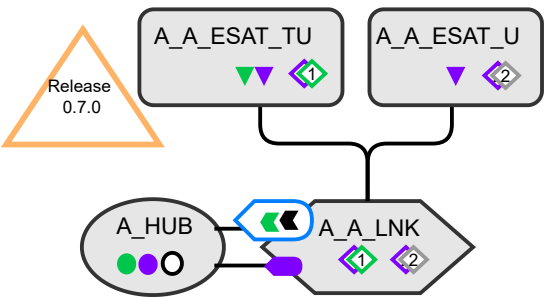
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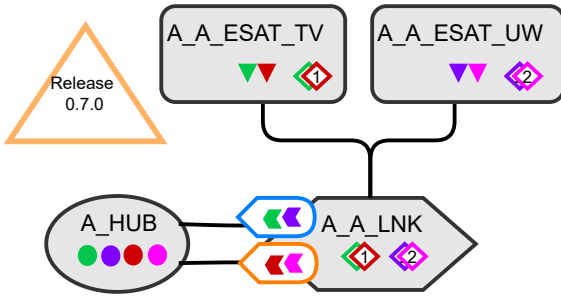
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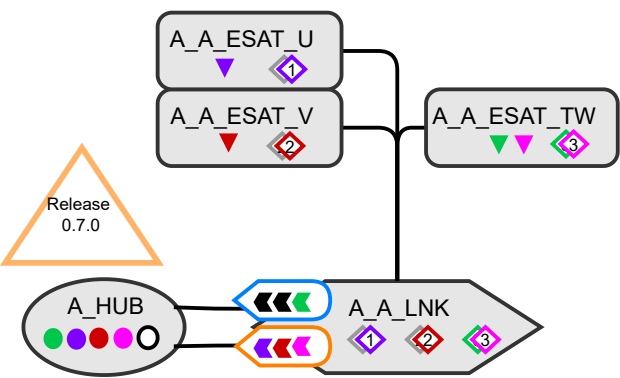
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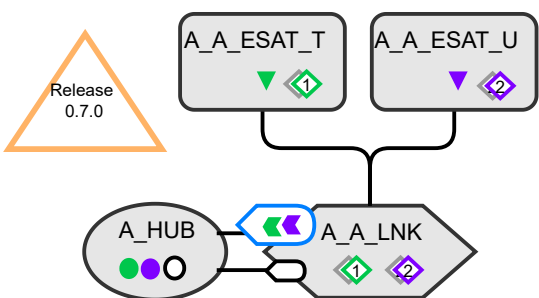
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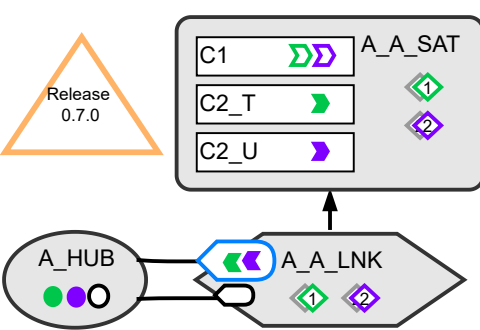
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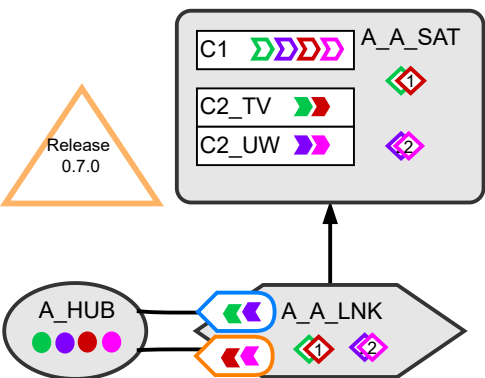
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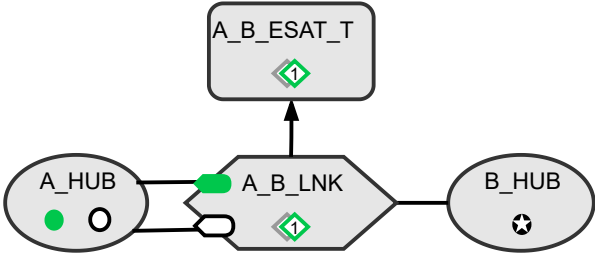
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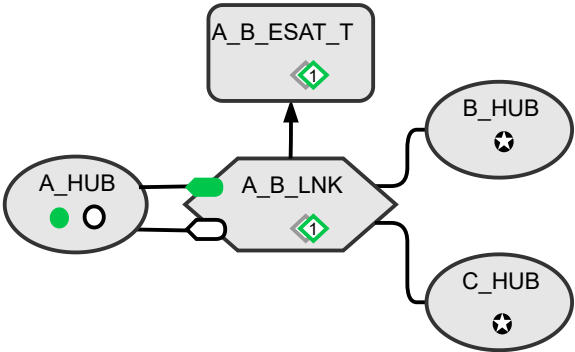
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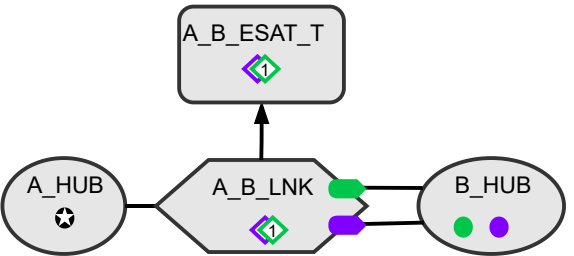
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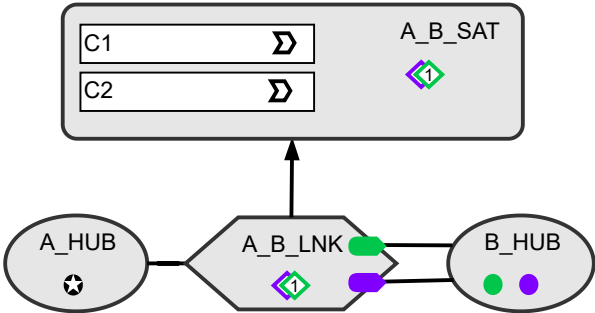
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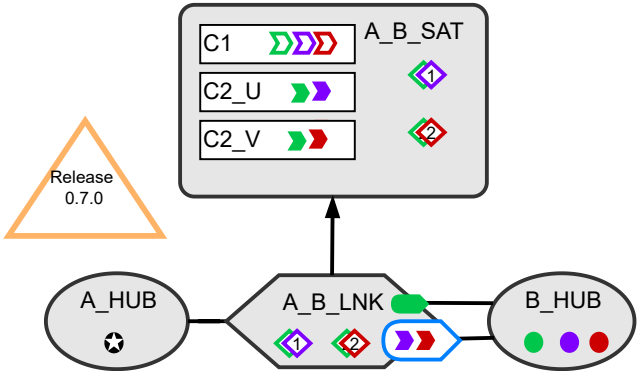
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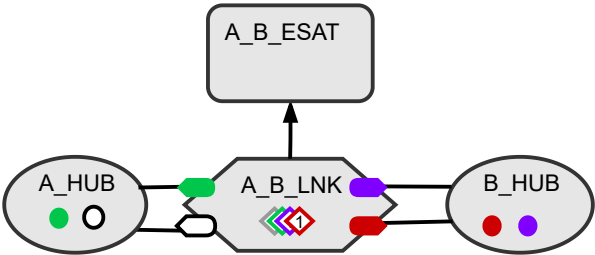
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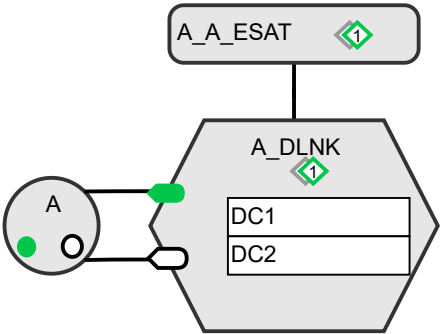


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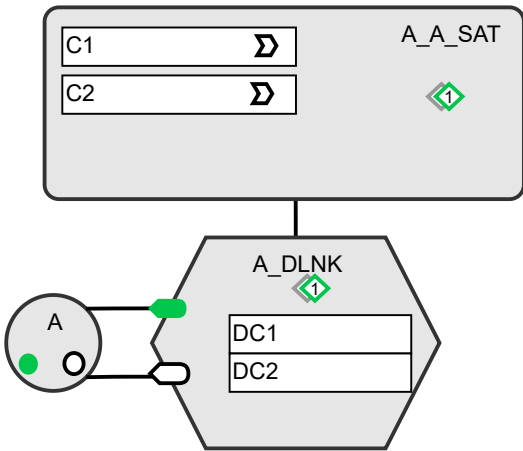
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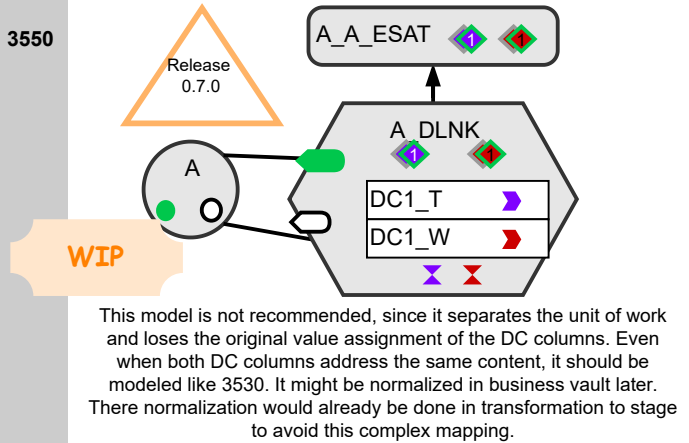
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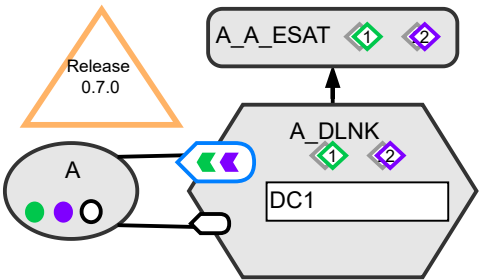
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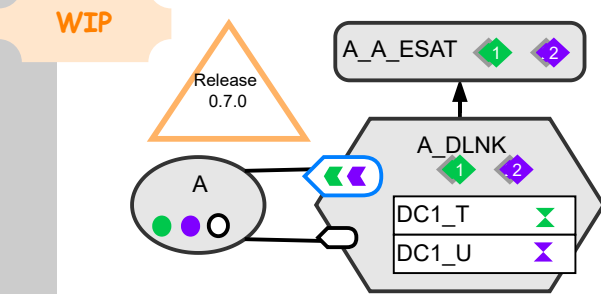
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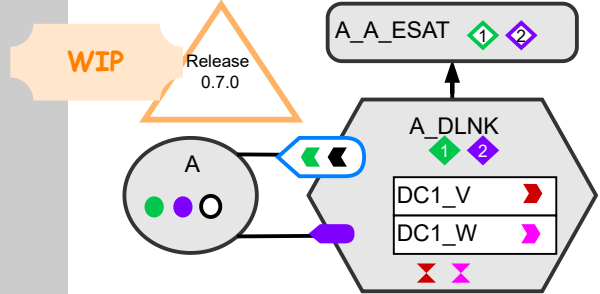
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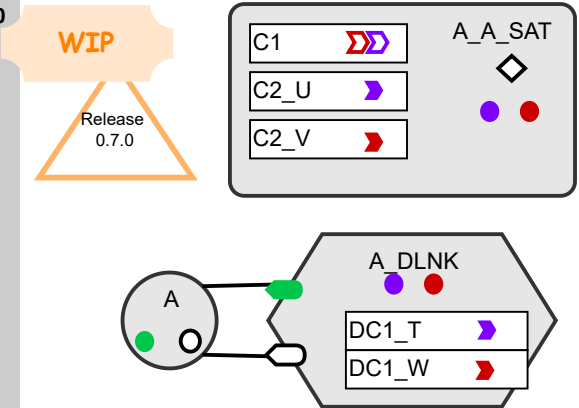
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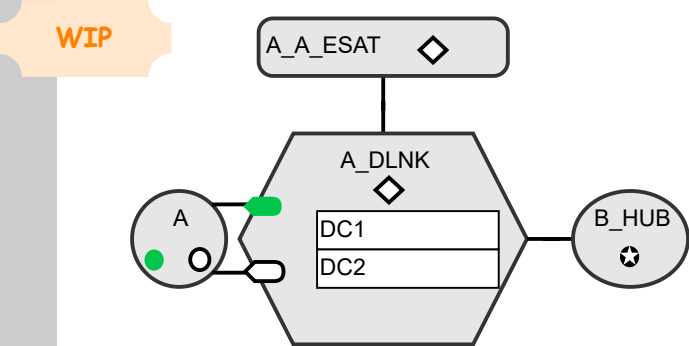
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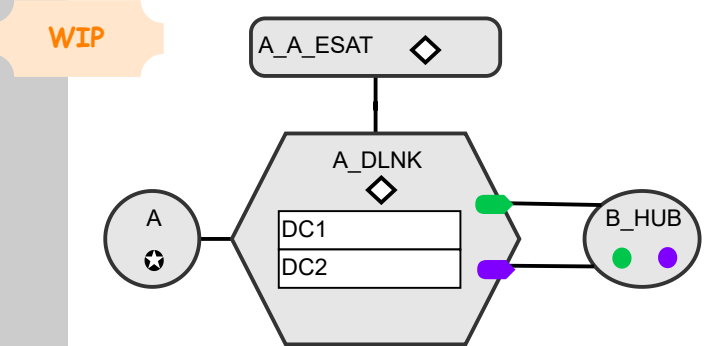
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