

T
U
V
W
P
Q
R

- » ★ Explicit relation declaration in the field to target mapping and link to hub mapping (Black = explicit unnamed mapping, Star = explicit universal mapping)
- » Induced relation participation of a field
- ▼ ★ Declared tracked relation of effectivity satellites on links, also creates load operation
- Load operations, created from explicit field mapping declarations
- ★ Load operations, induced by specific constellations (Star = universal)
- / Black = / = unnamed relation



Link load operation, induced by explicit parent relations



link parent connection with single relation declaration



link parent connection with explicit relation declaration for ever link load process



Explicitly Named link load operation, and its position in the list



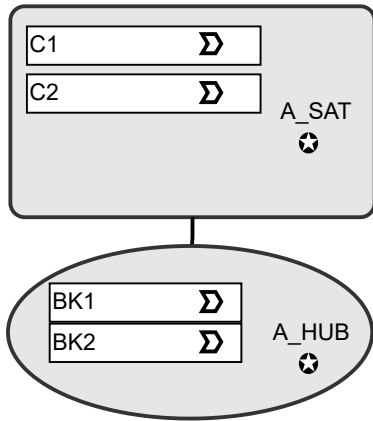
Named link load operation induced by explicit relation list in link parent declaration, and its position in the list

Field name composition:

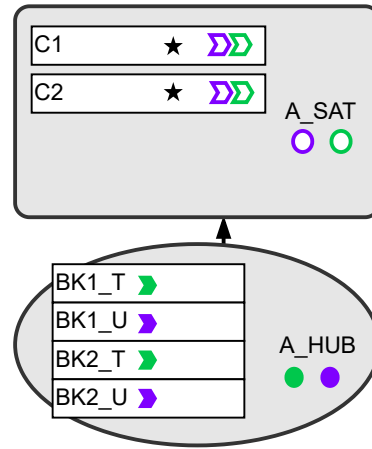
BK = Business Key in hub, C = Content in satellite, DC = Dependend child key in link, Number = Column in the target (Same Number = same column), T,U,V,W = Participation of field in relation

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

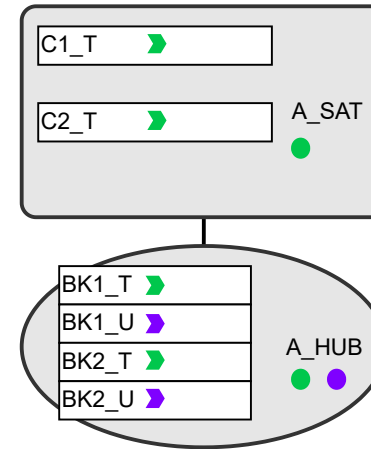
3000
(20)



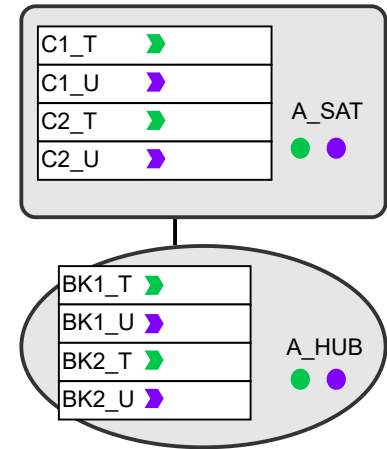
3010



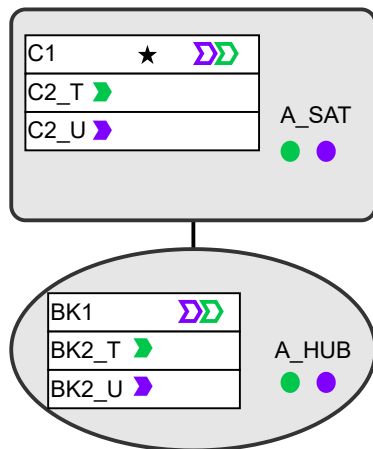
3020



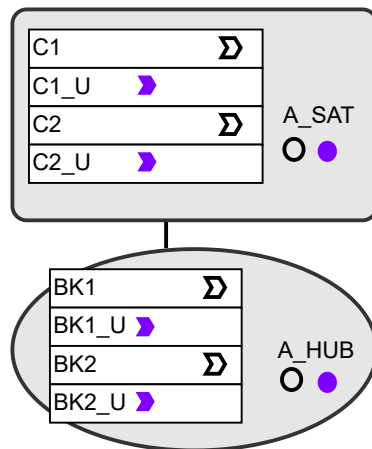
3030



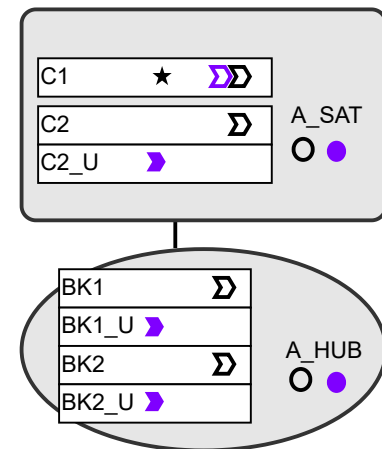
3040



3050

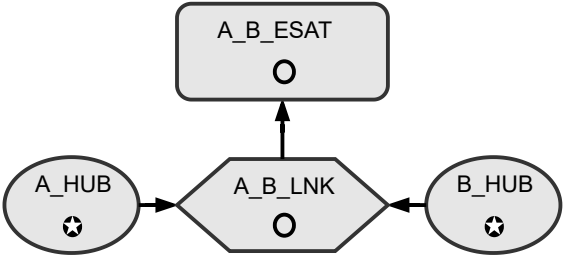


3060



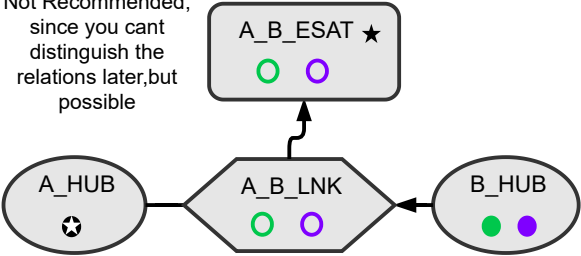
3070

3080
(22)

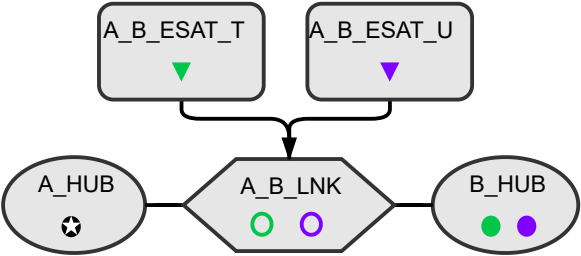


3090

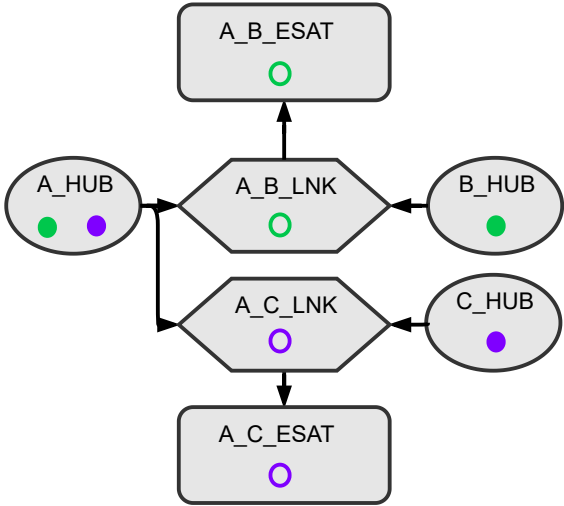
Not Recommended,
since you cant
distinguish the
relations later, but
possible



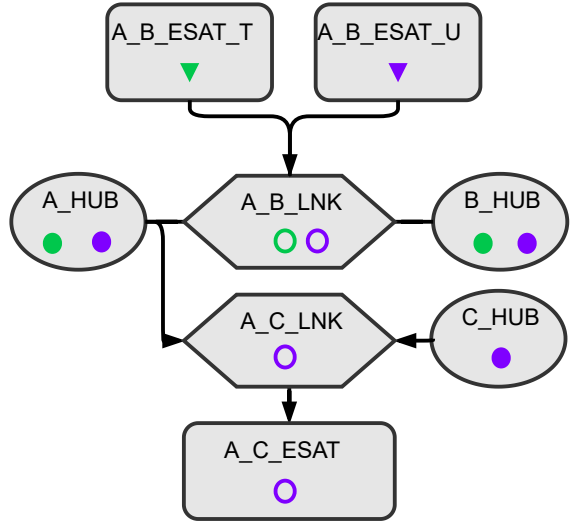
3100



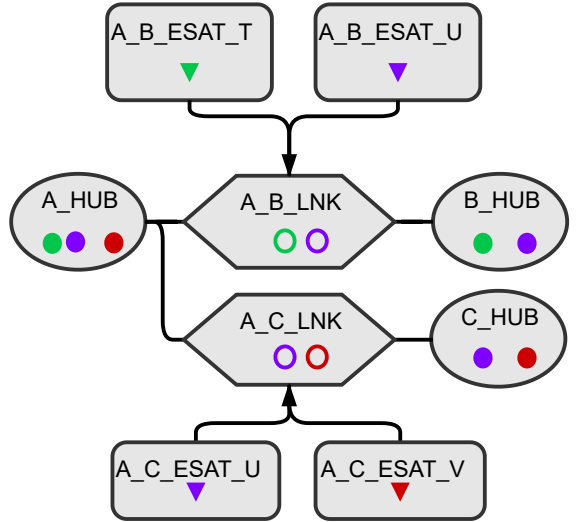
3110



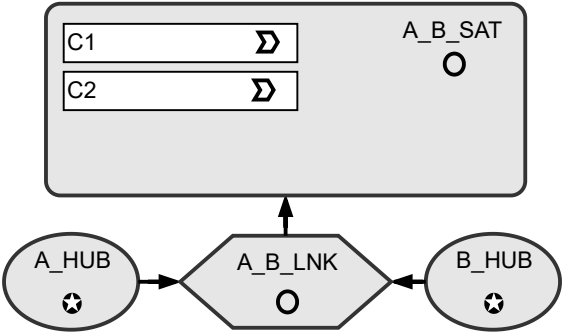
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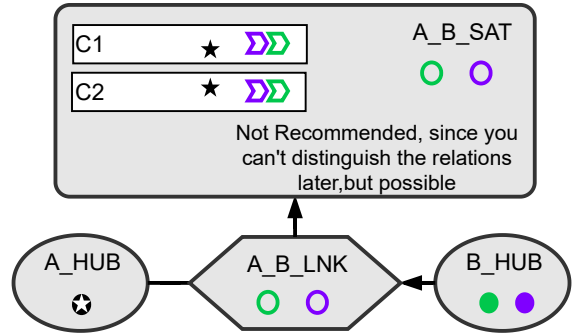
3130



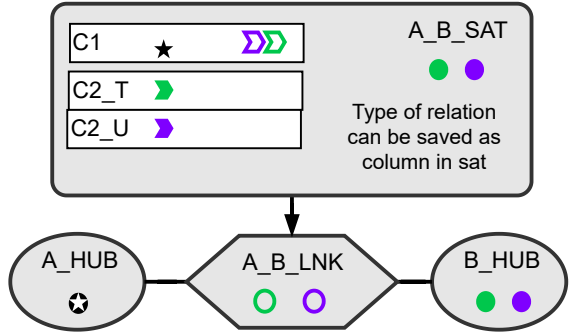
3140
(26)



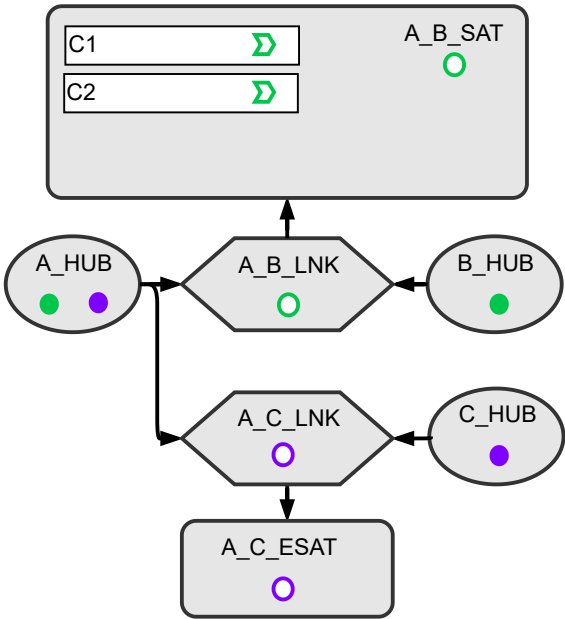
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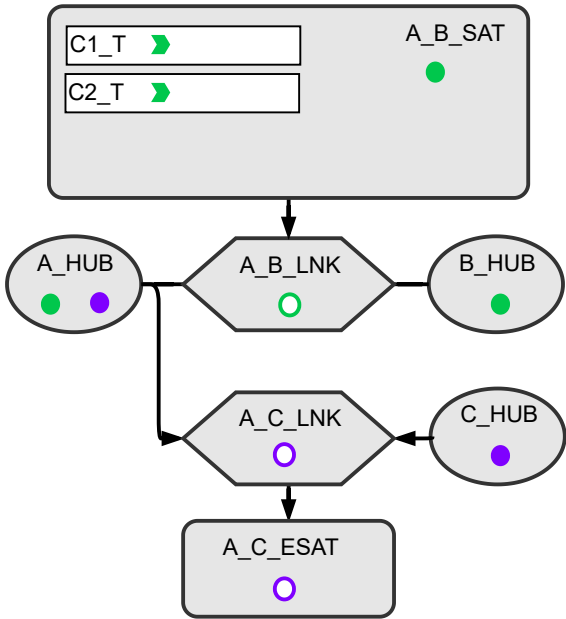
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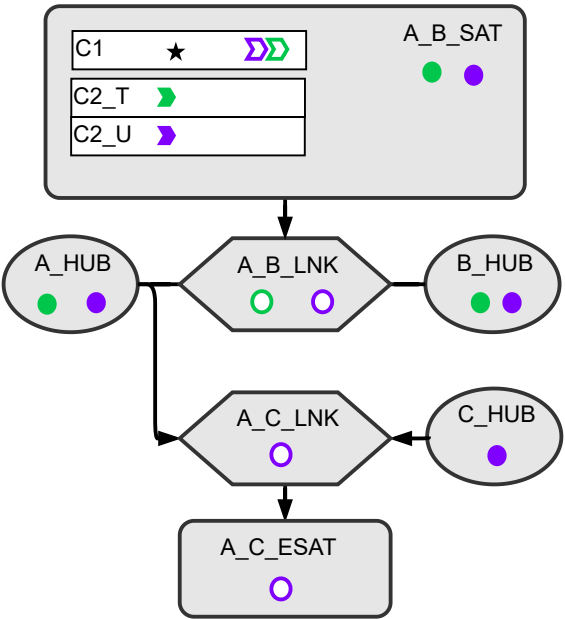
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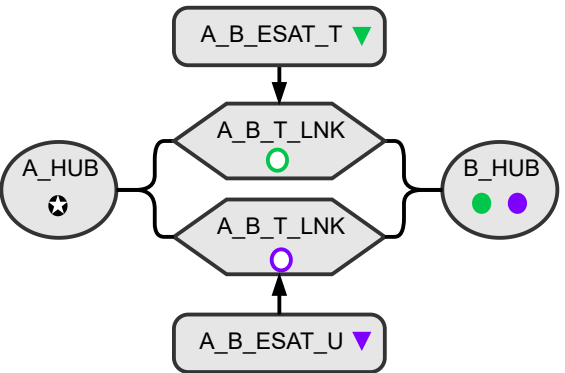
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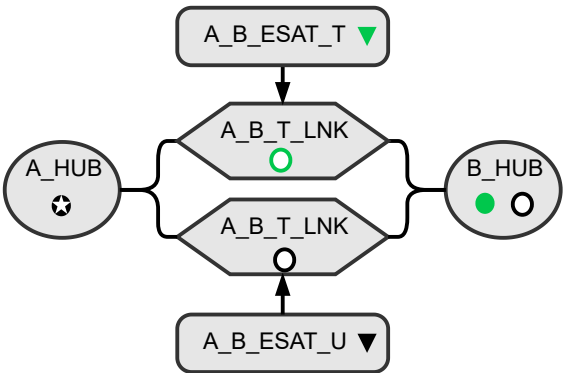
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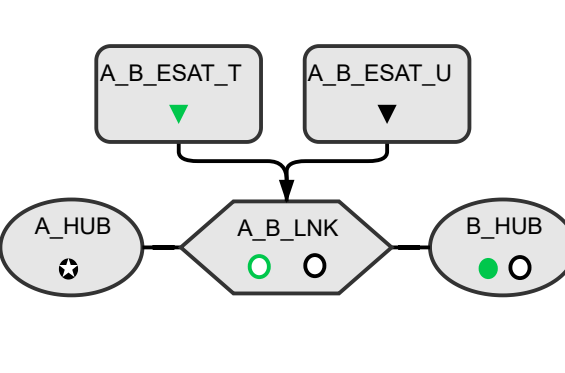
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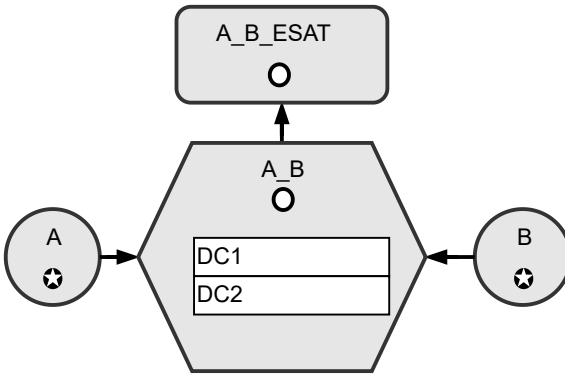
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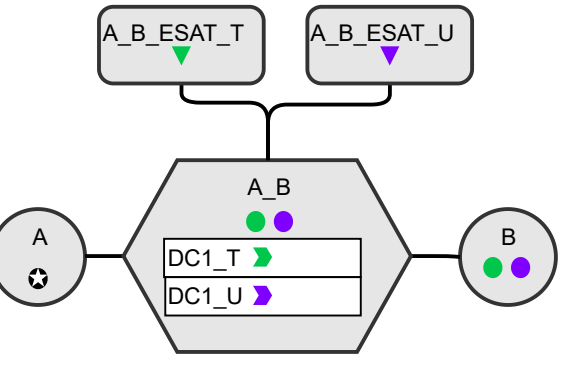
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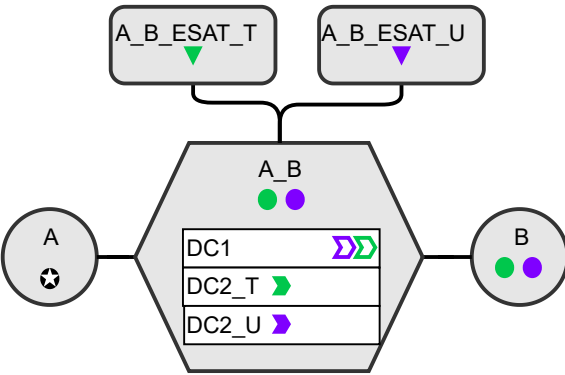
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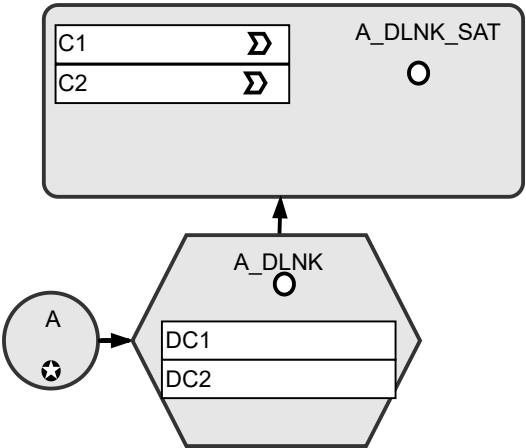
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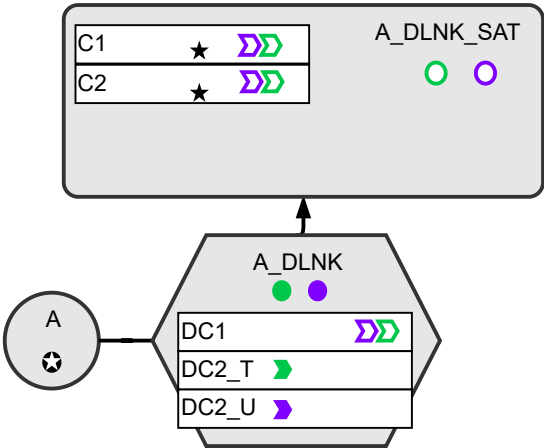
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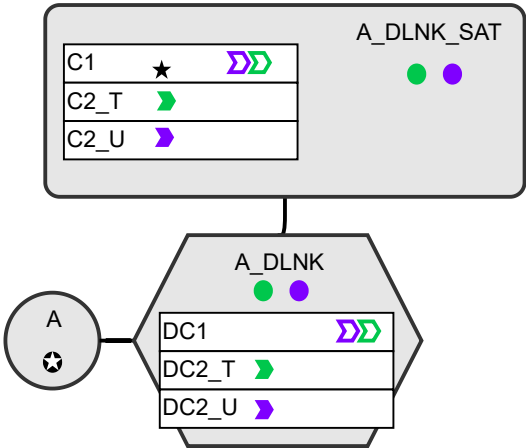
3260
(32)



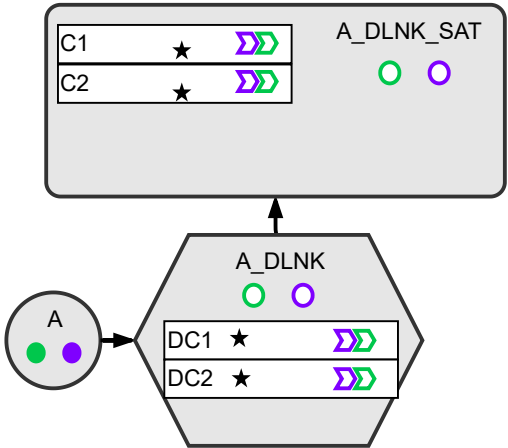
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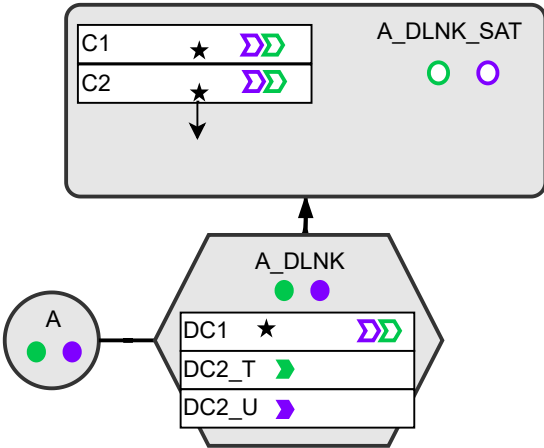
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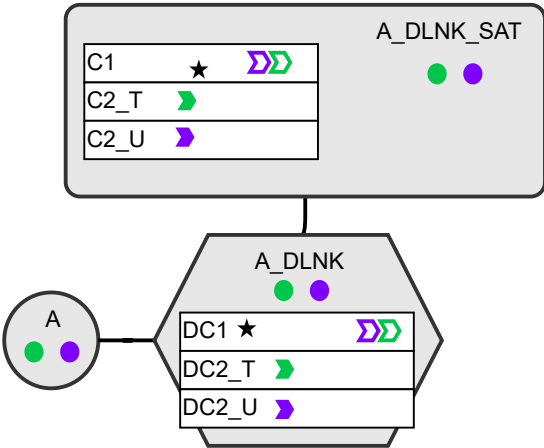
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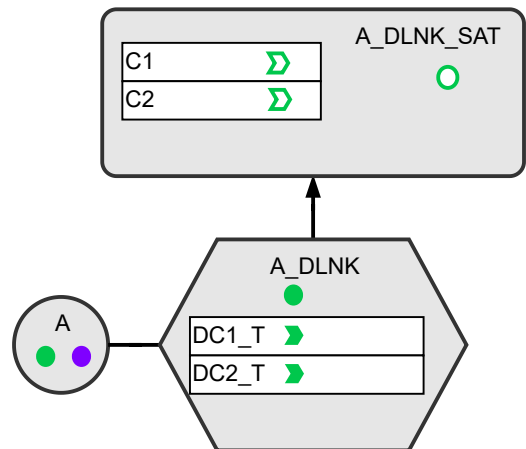
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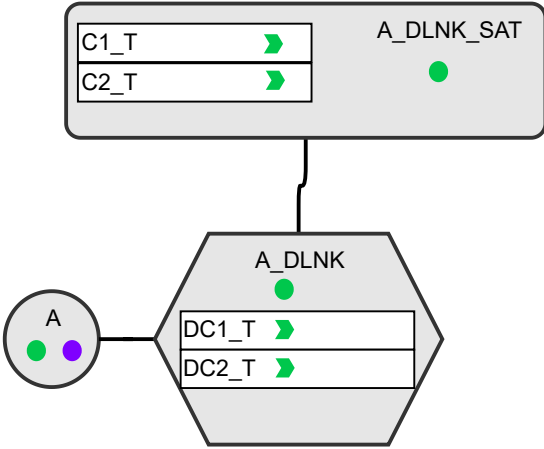
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3320

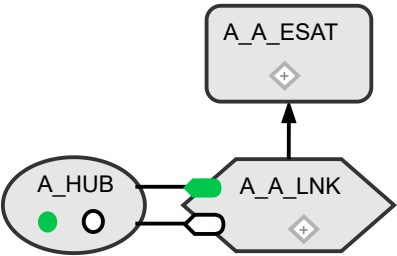


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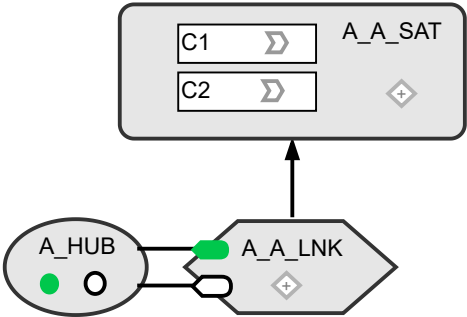


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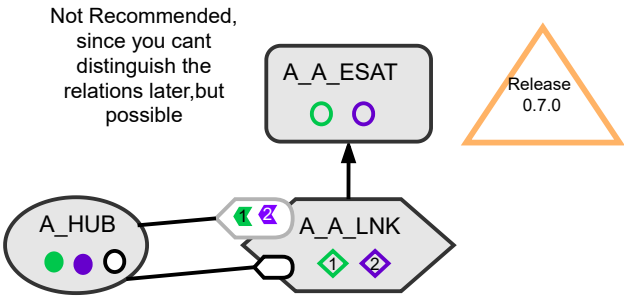
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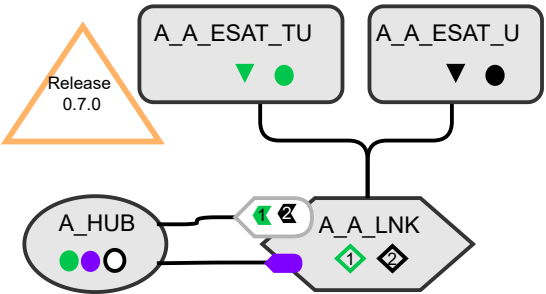
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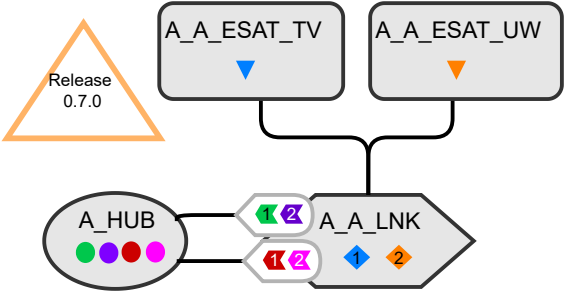
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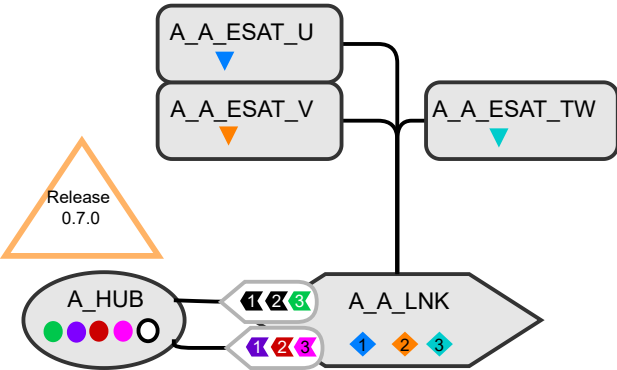
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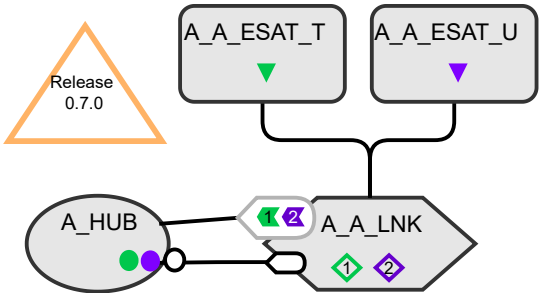
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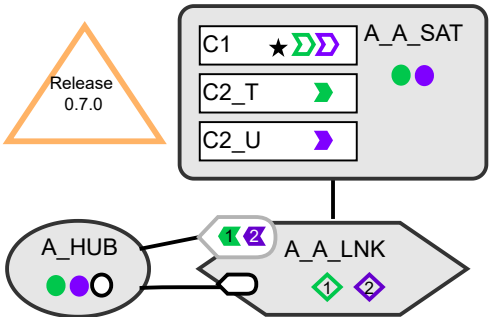
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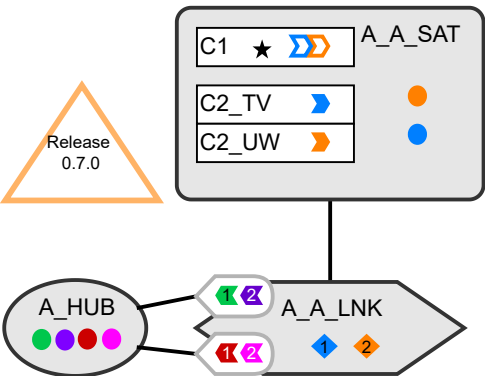
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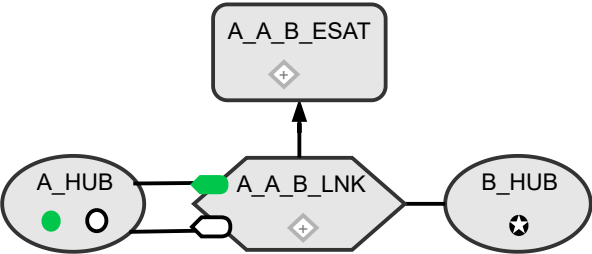
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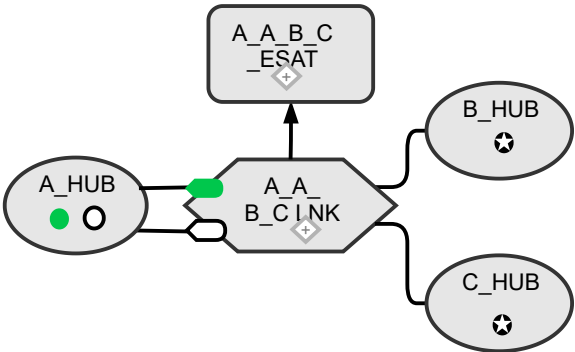
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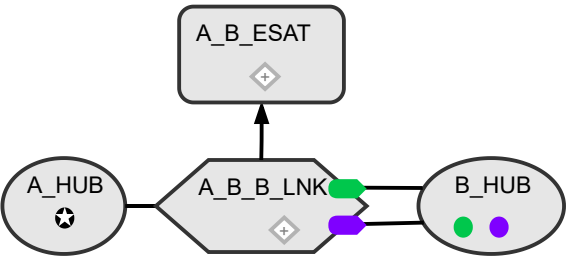
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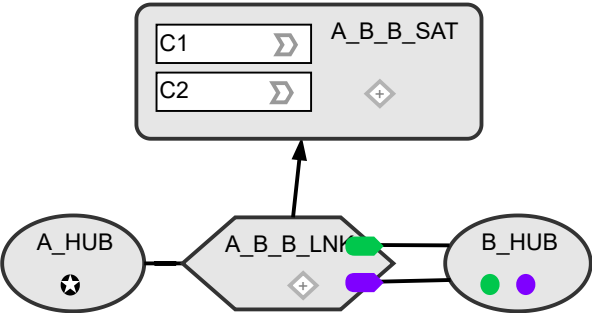
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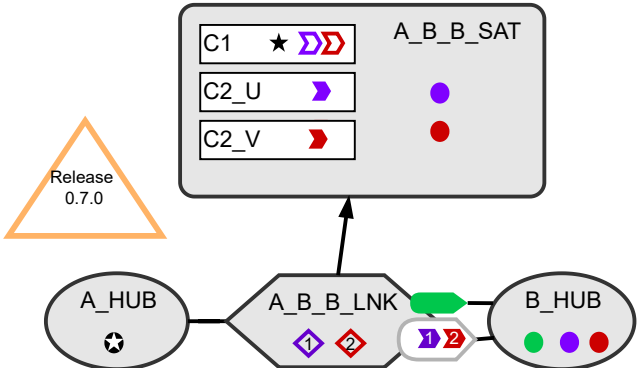
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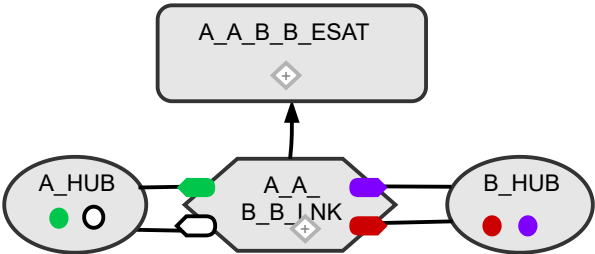
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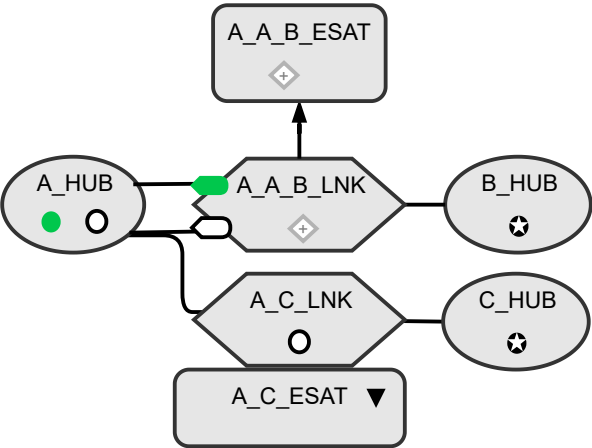
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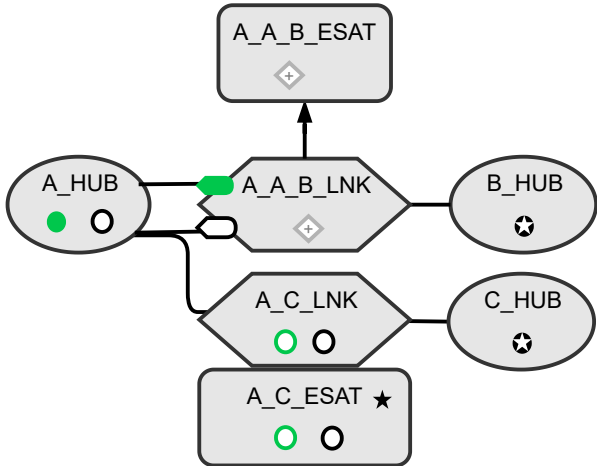
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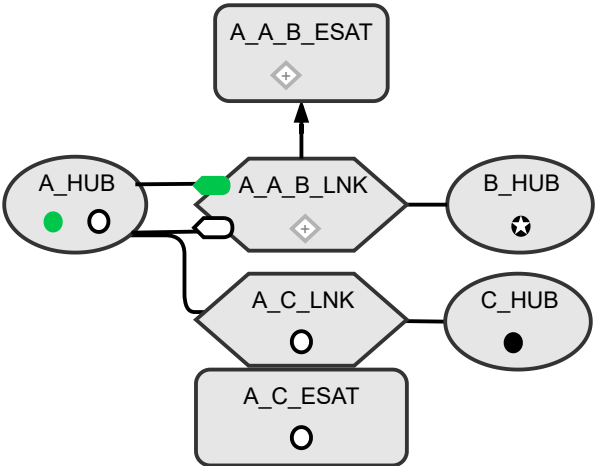
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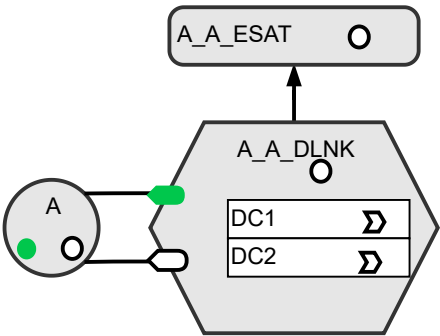
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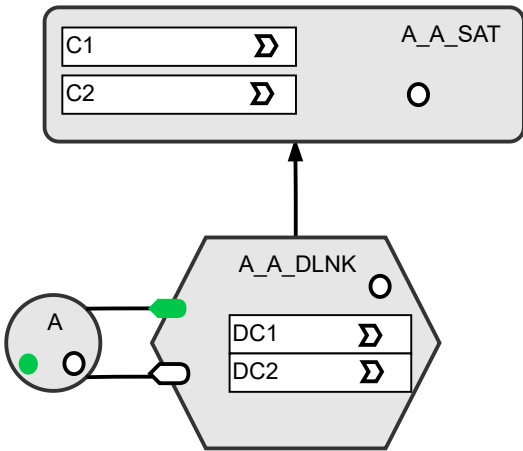
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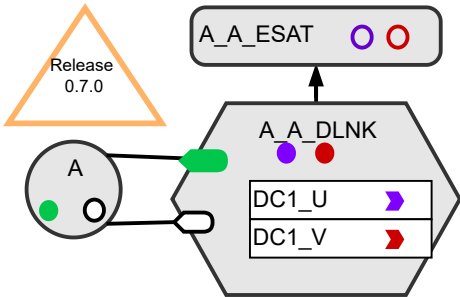
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3540

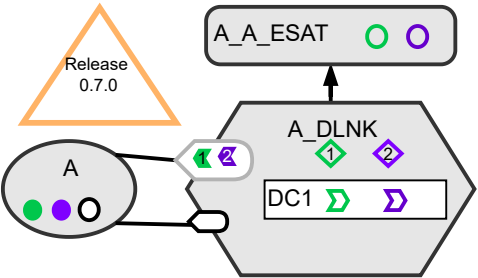


3550

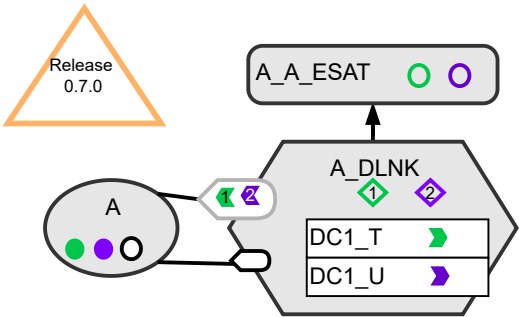


This model is not recommended, since it separates the unit of work and loses the original value assignment of the DC columns. Even when both DC columns address the same content, it should be modeled like 3530. It might be normalized in business vault later. There normalization would already be done in transformation to stage to avoid this complex mapping.

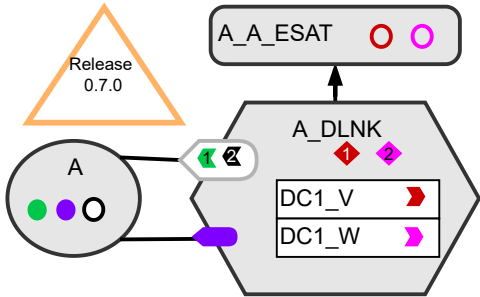
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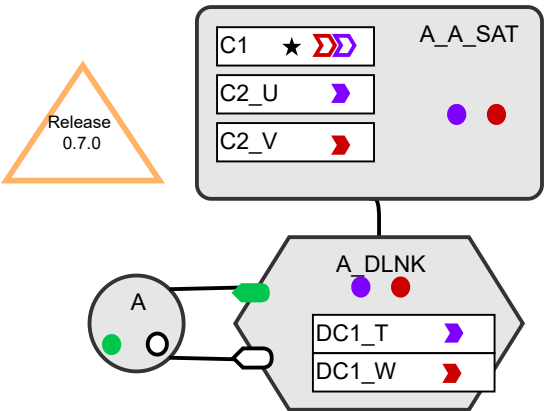
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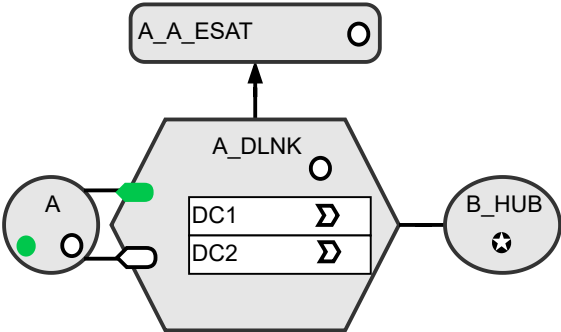
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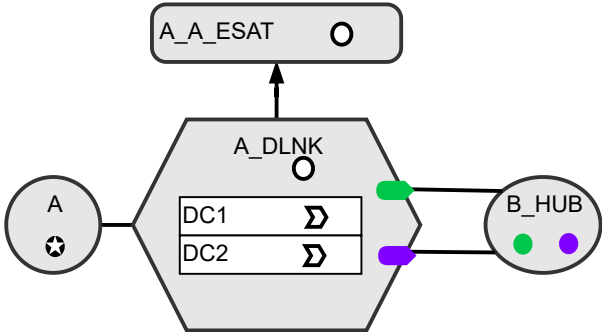
3590



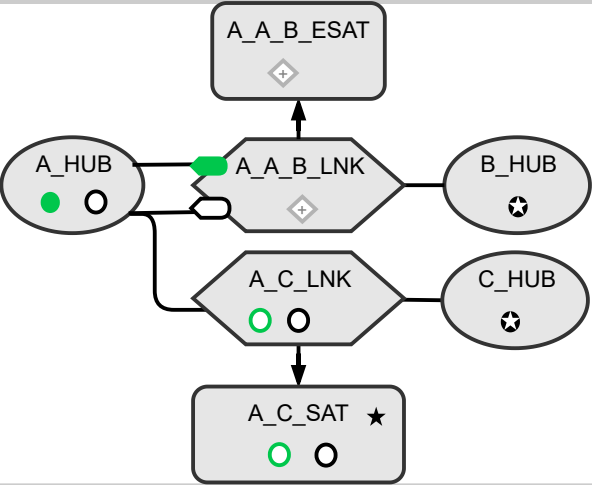
3600



3610



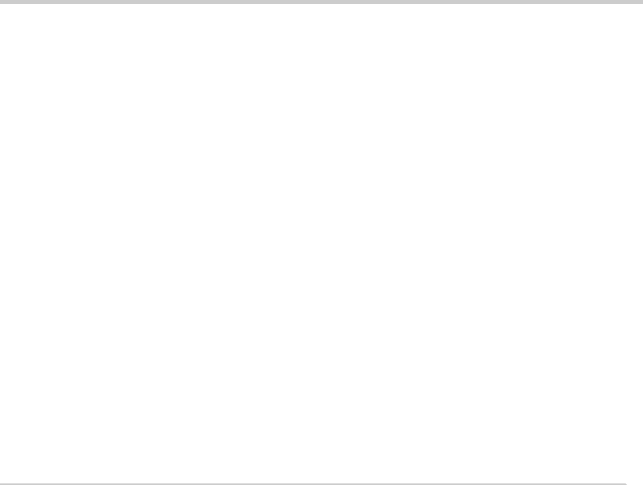
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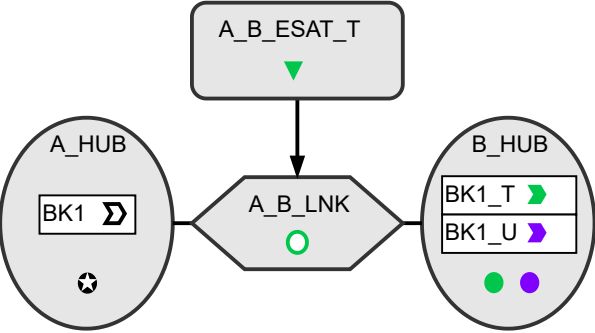
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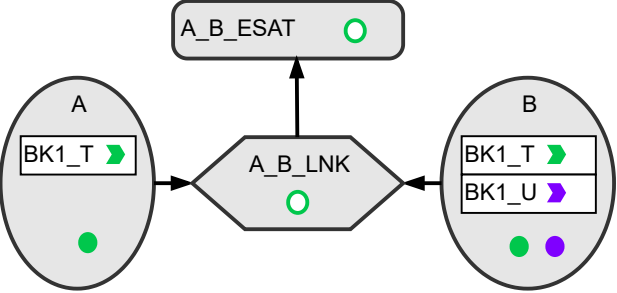
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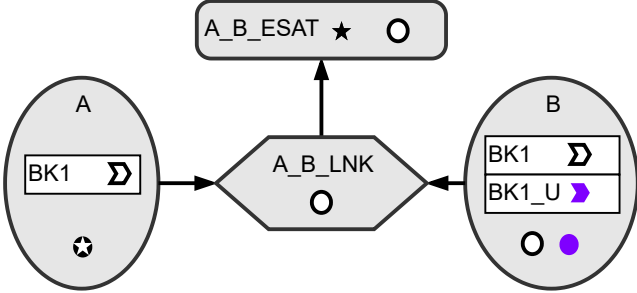
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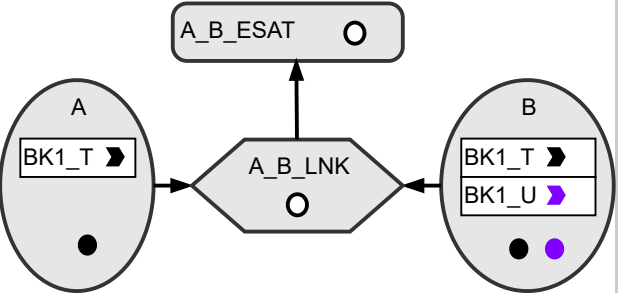
3660



3670



3680



3690



3700

