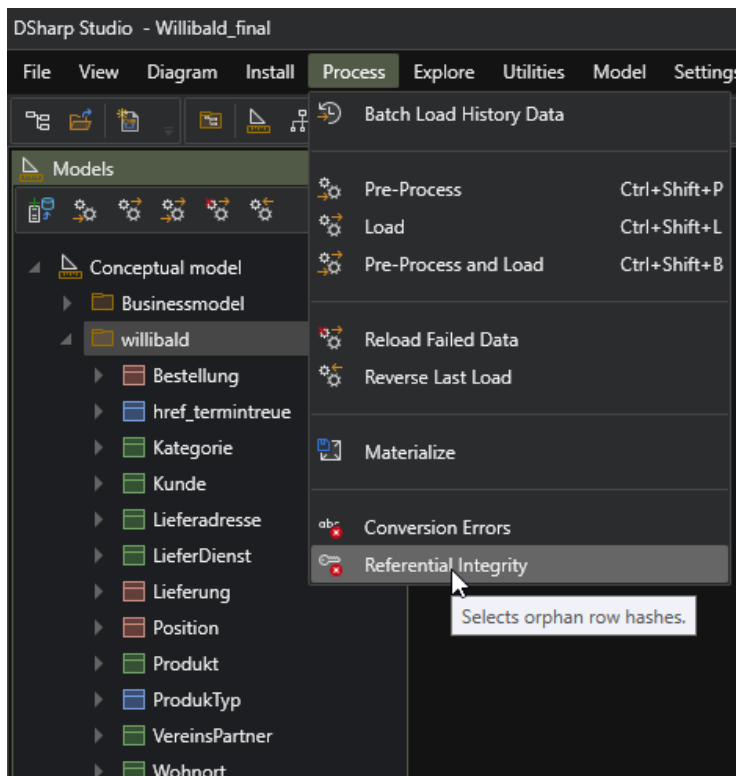




Invalid foreign keys

Links may be loaded with hash values that don't exist in the referenced hub, human errors may result in satellites containing hashes not found in their parent hub or link. We have analysis functionality that reports all foreign keys logically pointing to a non-existent primary key, for all table types.

Referential integrity is not enforced on table level.



Analysis command for orphan rows

```
select 'sat_Bestellung_state.Bestellung_hash -> hub_Bestellung.Bestellun
except
select 'sat_Bestellung_state.Bestellung_hash -> hub_Bestellung.Bestellun
union
select 'sat_Bestellung_Willibald_Low.Bestellung_hash -> hub_Bestellung.B
```

Reference	Bestellung_hash
1 Ink_Lieferadresse.Kunde_hash -> hub_Kunde.Kunde_hash	9AB0D88431732957A618D4A469A0D4C3
2 Ink_Lieferadresse.Kunde_hash -> hub_Kunde.Kunde_hash	B706835DE79A2B4E80506F582AF3676A
3 Ink_Lieferadresse.Kunde_hash -> hub_Kunde.Kunde_hash	EC5AA0B7846082A2415F0902F0DA88F2
4 Ink_Position.Lieferadresse_hash -> hub_Lieferadresse.Lieferadresse_hash	CFCD208495D565EF66E7DFF9F98764DA

Dangling references found