
Question

[John Bland](#) · Jul 24, 2019

Using Relationships

In Cache for UNIX (Red Hat Enterprise Linux for x86-64) 2018.1.2 (Build 309U) Mon Mar 4 2019 15:07:46 EST

I have a master record that has a relationship to a table with multiple transactions, and the transaction table has a relationship to another transaction table with multiple other transactions.

IE Item to Physical to Physical Report

Item Master:

`Relationship PhysicalRecord As User.pytrn [Cardinality = many, Inverse = ItemRecord];`

First transaction table

`Relationship ReportRecords As User.pyrpt [Cardinality = many, Inverse = PhysicalRecord];`

`Relationship ItemRecord As User.immst [Cardinality = one, Inverse = PhysicalRecord];`

Second Transaction table

`Relationship PhysicalRecord As User.pytrn [Cardinality = one, Inverse = ReportRecords];`

Everything compiles with no issues and all records have the appropriate data (IDs).

In SQL why does

```
select pyrpt.pypqty,PhysicalRecord->pypqty as pypqty1, PhysicalRecord->ItemRecord->imdesc from
SQLUser.pyrpt
```

return the imdesc field from the master table, but

```
select pyrpt.pypqty, PhysicalRecord->ItemRecord->imdesc from SQLUser.pyrpt
```

does not? Why do I have to force swizzling to occur for the two layer access to operate.

John P. Bland

[#Caché](#)

Source URL: <https://community.intersystems.com/post/using-relationships>