

### Question

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## 2 Query - 1 Query Plan

I try to compare classic JOIN against implicit JOIN.

It is a simple case. But I am surprised.

The class:

```
Class Sample.Person1 Extends (%Persistent, %Populate)
{
  Property Name As %String;
  Property Home As Sample.Address;
  Property AR As array Of Sample.Address; }

```

Query #1 - classic:

```
select name, homestate, a.* from sample.person1 p
join sample.person1_AR a on p.Id=a.person1
and homestate=ARstate

```

Query #2 - implicit

```
select person1->name, person1->homestate,*
from sample.person1_AR where person1->homestate=ARstate

```

for both I have the same query plan:

### Query Plan

#### Relative Cost = 81100

- Read master map Sample.Person1.IDKEY, looping on ID.
- For each row:
  - Read master map Sample.Person1\_AR.IDKEY, using the given Person1, and looping on element\_key.
  - For each row:
    - Output the row.

It is a simple query on 2 or 1 simple tables. Both have when executed 410 Global-Ref.  
Can this be correct ?

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