SOQL Semi-Join

Have you ever tried to retrieve parent records based on a child's condition?

Probably you did something like this:

```apex
List<Opportunity> opportunities = [
    SELECT Id, AccountId
    FROM Opportunity
    WHERE StageName = 'Closed Lost'
];


Set<Id> accountIds = new Set<Id>();


for (Opportunity opp : opportunities) {
  accountIds.add(opp.AccountId);
}


List<Account> accounts = [
    SELECT Id, Name
    FROM Account
    WHERE Id IN :accountIds
];
```

You can accomplish this more easily using a Semi-Join:

beyond
the cloud

```
SELECT Id, Name
FROM Account
WHERE Id IN (
    SELECT AccountId
    FROM Opportunity
    WHERE StageName = 'Closed Lost'
)
```

Consideration:
- Semi-joins do **NOT** count against the query limit.
- Semi-joins **COUNT** against the aggregated query limit.