

SYSTEM.QUERYEXCEPTION: AGGREGATE QUERY HAS TOO MANY ROWS FOR DIRECT ASSIGNMENT, USE FOR LOOP

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It was a surprise for me. It's fair to say I wasn't expecting that. The next code block will throw the exception when a number of child records greater or equals to 200.

```
for (Account a : {SELECT Id, {SELECT Id FROM Contacts} FROM Account}) {  
    System.debug(a.Contacts.size()); // throw exception  
}
```

Here is the way how you can avoid this exception, just use for loop to calculate a number of children. It's not graceful, but it works.

```
for (Account a : {SELECT Id, {SELECT Id FROM Contacts} FROM Account}) {  
    Integer numberOfContacts = 0;  
    for (Contact c : a.Contacts) {  
        numberOfContacts++;  
    }  
    System.debug(numberOfContacts);  
}
```