



# Navigating the Salesforce Developer Community

Robert Watson, Senior Software Developer @ Full Circle Insights

Twitter: @WatsonRobertB



Full Circle  
INSIGHTS®



# A long, long, long time ago...

(Okay, maybe less than a decade ago...)

# Salesforce StackExchange... what the heck is that?

Twitter: #askforce hashtag began in early 2010

First Salesforce StackExchange post was on July 31<sup>st</sup>, 2012 – just five and a half years ago

- There are now over 70,000 questions!

Slack was launched in August 2013 (Source: [https://en.wikipedia.org/wiki/Slack\\_\(software\)](https://en.wikipedia.org/wiki/Slack_(software)))



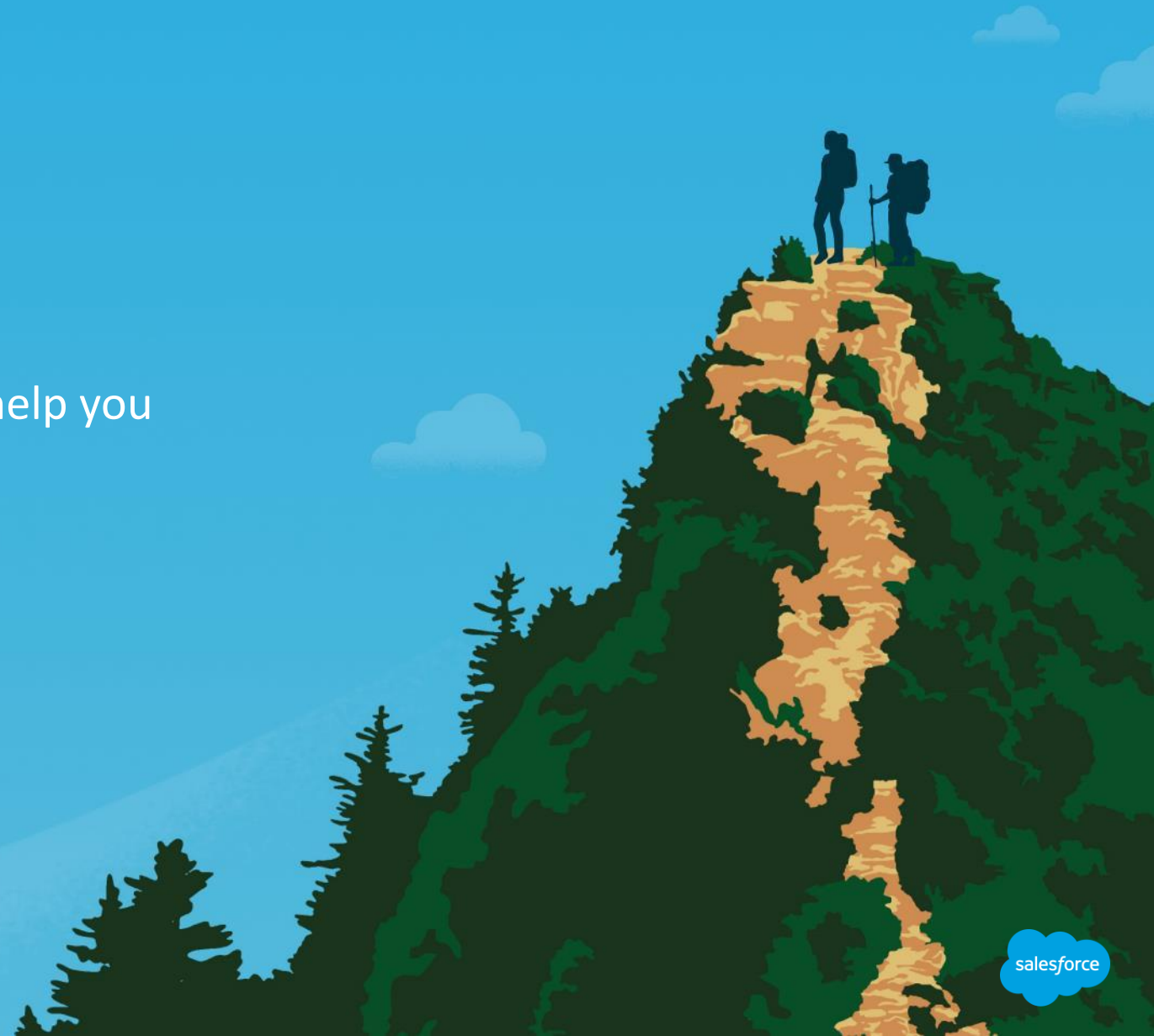
**Quinton Wall** @cloudcoder · 18 Feb 2010

Pose a question to Force.com developers on Twitter. Use [#askforce](#)  
Help build a new hashtag, & support the community [#forcedotcom](#) [#salesforce](#)



# Where are we at now?

Today, the community is full of resources to help you conquer any trail & climb any mountain



# Resources, Resources, Resources

Oh, the places you can go!

## Salesforce Resources

- Developer Documentation
- Developer Forums
- Salesforce Developer Blogs
- Salesforce Support
  - If you have premier support...
- Salesforce Ideas & Known Issues
  - For when there isn't an answer...
- Trailblazer Community
  - Specific groups for features, user groups, blogs!
- Developer User Groups
  - Is there one near you?
- Trailhead

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- Trailhead

## Other Resources

- Salesforce StackExchange
- Twitter #askforce
- Slack: Salesforce Ohana
- SearchTheForce.com
- Community Blogs
- Community Books
- Community Podcasts
- Salesforce Subreddit
- Pluralsight



# Where do you go to get help?

🔄 You Retweeted



**Robert Watson** @WatsonRobertB · 6h

Hi, @SalesforceDevs. Welcome back from #DF17! Here's a quick poll to get the brain working after a long, 4-day conference:

When you're stuck on a coding problem, where do you usually go first to search or ask for help? (Reply if your answer isn't listed) #askforce

58% Salesforce StackExchange

25% Salesforce Developer Docs

8% Salesforce Dev Forum

9% My Coworkers

12 votes • Final results



2



1



1



# Where do you go to get help?



**Doug Ayers** @DouglasCAyers · Nov 22

I'm with Daniel. I google question then trust/look for answers in this order:

1. @StackSalesforce
2. Community blog posts
3. Twitter #askforce
4. Help and Training docs
5. Success Community "official" groups
6. "Ask a friend"
7. Only on pain of death then the Developer Forums

4 2 13



**Daniel Ballinger**

@FishOfPrey

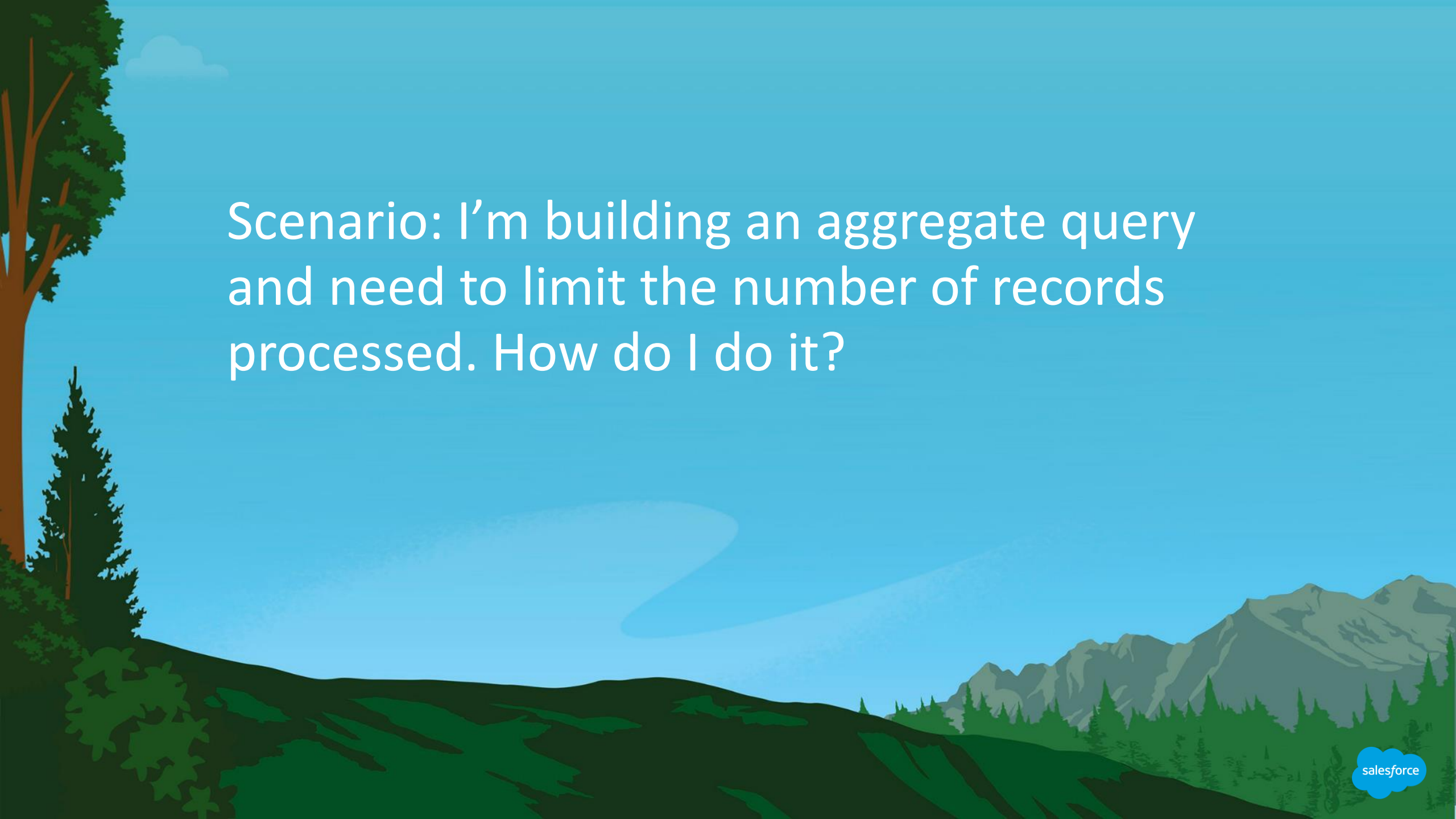
Following

Replying to @DouglasCAyers @jlehrbaum and 2 others

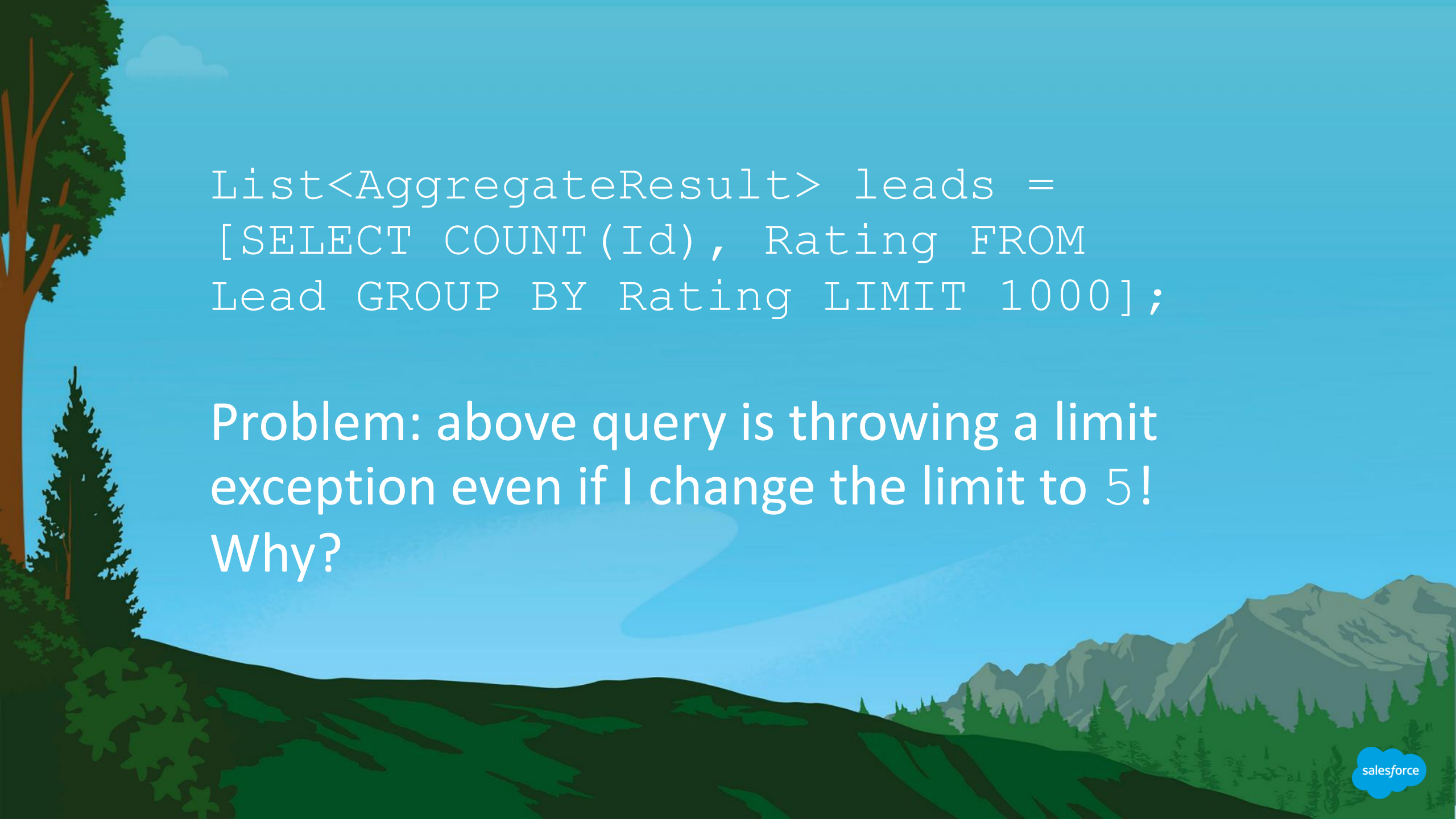
There are lots I'd go to after SFSE with varying levels of trust. Definitely @SalesforceDocs and SFDev blog posts rate highly. Community Posts can be a great source to. Signal-to-noise can be challenging with developer forums by their nature.

8:03 PM - 22 Nov 2017





Scenario: I'm building an aggregate query and need to limit the number of records processed. How do I do it?



```
List<AggregateResult> leads =  
[SELECT COUNT(Id), Rating FROM  
Lead GROUP BY Rating LIMIT 1000];
```

Problem: above query is throwing a limit  
exception even if I change the limit to 5!  
Why?

# Search The Force! – <http://searchtheforce.com/>

## Search The Force.com

Search all things related to Salesforce platform development and administration

soql aggregate query limit records


SEARCH x


Web Image


About 5,290 results (0.37 seconds)


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
[Working with SOQL Aggregate Functions | Apex Developer Guide ...](#)  
Queries that include aggregate functions are subject to the same governor limits as other SOQL queries for the total number of records returned. This limit includes any records included in the aggregation, not just the number of rows returned by the query. If you encounter this limit, you should add a condition to the WHERE ...  
[https://developer.salesforce.com/...en.../langCon\\_apex\\_SOQL\\_agg\\_fns.htm](https://developer.salesforce.com/...en.../langCon_apex_SOQL_agg_fns.htm)
- 


[COUNT\(\) and COUNT\(fieldName\) | Force.com SOQL and SOSL ...](#)  
COUNT() is an optional clause that can be used in a SELECT statement in a SOQL query to discover the number of rows that a query returns. There are ... You can use COUNT() with a LIMIT clause. You can't ... For COUNT( fieldName ) , the AggregateResult object in the records field returns the number of rows. The size ...  
[https://developer.salesforce.com/...soql.../soql.../sforce\\_api\\_calls\\_soql\\_select\\_count.htm](https://developer.salesforce.com/...soql.../soql.../sforce_api_calls_soql_select_count.htm)
- 

[LIMIT | Force.com SOQL and SOSL Reference | Salesforce ...](#)  
This query returns the first 125 Account records whose Industry is Media . You can use LIMIT with count() as the fieldList to count up to the maximum specified. You can't use a LIMIT clause in a query that uses an aggregate function, but does not use a GROUP BY clause. For example, the following query is invalid:  
[https://developer.salesforce.com/...soql.../soql.../sforce\\_api\\_calls\\_soql\\_select\\_limit.htm](https://developer.salesforce.com/...soql.../soql.../sforce_api_calls_soql_select_limit.htm)
- 

[Execution Governors and Limits | Apex Developer Guide ...](#)  
getLimitAggregateQueries() returns.The row counts from these relationship queries contribute to the row counts of the overall code execution. This limit doesn't apply to custom metadata types. In a single Apex transaction, custom metadata records can have unlimited SOQL queries. In addition to static SOQL statements, ...  
[https://developer.salesforce.com/docs/atlas.en-us.../apex\\_gov\\_limits.htm](https://developer.salesforce.com/docs/atlas.en-us.../apex_gov_limits.htm)
- 

[Using Apex Variables in SOQL and SOSL Queries | Apex Developer ...](#)  
Using Apex Variables in SOQL and SOSL Queries. SOQL and SOSL statements in Apex can reference Apex code variables and expressions if they're preceded by a colon ( : ). ... The division names in WITH DIVISION clauses. The numeric value in LIMIT clauses. ... 27, // Binds in both the parent and aggregate queries ...  
[https://developer.salesforce.com/.../langCon\\_apex\\_SOQL\\_variables.htm](https://developer.salesforce.com/.../langCon_apex_SOQL_variables.htm)
- 

[governorlimits - SOQL aggregate query limit - Salesforce Stack ...](#)  
Jan 19, 2013 ... I think that the issue here is that an aggregate query is considered to have accessed every record included in the aggregation. Thus the 50000 row limit isn't the number of records returned by the query, its the number of records 'touched'. As you have a clause of 'LIMIT 50000', you are asking for a ...  
<https://salesforce.stackexchange.com/.../soql-aggregate-query-limit>
- 

[Working with Very Large SOQL Queries | Apex Developer Guide ...](#)  
Your SOQL query sometimes returns so many sObjects that the limit on heap size is exceeded and an error occurs. To resolve, use a SOQL query for loop instead, since it can process multiple batches of records by using internal calls to query and queryMore . For example, if the results are too large, this syntax causes a ...  
[https://developer.salesforce.com/docs/.../langCon\\_apex\\_SOQL\\_VLSQ.htm](https://developer.salesforce.com/docs/.../langCon_apex_SOQL_VLSQ.htm)
- 

[SOQL Limits on Objects | Force.com SOQL and SOSL Reference ...](#)  
The following limits apply only to the OData 2.0 and 4.0 adapters for Salesforce Connect. External objects have the following limitations for the ORDER BY clause. NULLS FIRST and NULLS LAST are ignored. External objects don't support the ORDER BY clause in relationship queries. The COUNT() aggregate function is ...  
[https://developer.salesforce.com/...soql.../soql.../sforce\\_api\\_calls\\_soql\\_limits.htm](https://developer.salesforce.com/...soql.../soql.../sforce_api_calls_soql_limits.htm)

# Apex Documentation - <https://developer.salesforce.com/docs/>

## Apex Developer Guide



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Accessing sObject Fields

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Parent-Child Relationship SOQL  
Queries

Working with SOQL Aggregate  
Functions

Working with Very Large SOQL  
Queries

Using SOQL Queries That Return

## Working with SOQL Aggregate Functions

Aggregate functions in SOQL, such as `SUM()` and `MAX()`, allow you to roll up and summarize your data in a query. For more information on aggregate functions, see “Aggregate Functions” in the [Salesforce SOQL and SOSL Reference Guide](#).

You can use aggregate functions without using a `GROUP BY` clause. For example, you could use the `AVG()` aggregate function to find the average `Amount` for all your opportunities.

```
1 AggregateResult[] groupedResults
2 = [SELECT AVG(Amount) aver FROM Opportunity];
3 Object avgAmount = groupedResults[0].get('aver');
```

Note that any query that includes an aggregate function returns its results in an array of `AggregateResult` objects. `AggregateResult` is a read-only `sObject` and is only used for query results.

Aggregate functions become a more powerful tool to generate reports when you use them with a `GROUP BY` clause. For example, you could find the average `Amount` for all your opportunities by campaign.

```
1 AggregateResult[] groupedResults
2 = [SELECT CampaignId, AVG(Amount)
3     FROM Opportunity
4     GROUP BY CampaignId];
5 for (AggregateResult ar : groupedResults) {
6     System.debug('Campaign ID' + ar.get('CampaignId'));
7     System.debug('Average amount' + ar.get('expr0'));
8 }
```

Any aggregated field in a `SELECT` list that does not have an alias automatically gets an implied alias with a format `expri`, where *i* denotes the order of the aggregated fields with no explicit aliases. The value of *i* starts at 0 and increments for every aggregated field with no explicit alias. For more information, see “Using Aliases with `GROUP BY`” in the [Salesforce SOQL and SOSL Reference Guide](#).



Queries that include aggregate functions are subject to the same [governor limits](#) as other SOQL queries for the total number of records returned. This limit includes any records included in the aggregation, not just the number of rows returned by the query. If you encounter this limit, you should add a condition to the `WHERE` clause to reduce the amount of records processed by the query.



# Apex Documentation - <https://developer.salesforce.com/docs/>

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    - Accessing sObject Fields Through Relationships
    - Understanding Foreign Key and Parent-Child Relationship SOQL Queries
    - Working with SOQL Aggregate Functions**
    - Working with Very Large SOQL Queries
    - Using SOQL Queries That Return

## Working with SOQL Aggregate Functions

Aggregate functions in SOQL return a single value. For more information on aggregate functions, see the [SOQL and SOSL Reference Guide](#).

You can use aggregate functions to find the average Amount for a set of records. For example, you could use the AVG() aggregate function to find the average Amount for all records in the Opportunity object.


```
1 AggregateResult[] results = new AggregateResult[0];
2 for (AggregateResult ar : [SELECT AVG(Amount) FROM Opportunity]) {
3     results.add(ar);
4 }
```

Note that any query that includes an aggregate function returns an `AggregateResult` object. An `AggregateResult` object is a read-only object that contains the results of the query. You can use the `AggregateResult` object to access the results of the query.

Aggregate functions become more powerful when you use them with a `GROUP BY` clause. For example, you could find the average Amount for each Campaign.

```
1 AggregateResult[] results = new AggregateResult[0];
2 for (AggregateResult ar : [SELECT CampaignId, AVG(Amount) FROM Opportunity GROUP BY CampaignId]) {
3     System.debug('Campaign: ' + ar.CampaignId + ' Average Amount: ' + ar.AVG(Amount));
4 }
```

Any aggregated field in a `SELECT` statement is denoted by an `AVG()` or `SUM()` function. Every aggregated field with no alias is denoted by an `AVG()` or `SUM()` function. For more information on aggregate functions, see the [SOQL and SOSL Reference Guide](#).



Queries that include aggregate functions return just the number of records that match the `WHERE` clause to reduce the number of records returned.

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#### SOQL and SOSL Queries

##### Working with SOQL and SOSL

##### Query Results

##### Accessing sObject Fields

##### Through Relationships

##### Understanding Foreign Key and Parent-Child Relationship SOQL Queries

##### Working with SOQL Aggregate Functions

##### Working with Very Large SOQL Queries

##### Using SOQL Queries That Return

```
4 GROUP BY CampaignId];
5 for (AggregateResult ar : groupedResults) {
6     System.debug('Campaign ID' + ar.get('CampaignId'));
7     System.debug('Average amount' + ar.get('expr0'));
8 }
```

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```
DateTime beginningOfLastYear =  
DateTime.newInstance(2017, 01, 01);
```

```
List<AggregateResult> leads = [SELECT  
COUNT(Id), Rating FROM Lead WHERE  
CreatedDate >= :beginningOfLastYear  
GROUP BY Rating];
```



Scenario: I have a list of IDs and I need to search to see if a given ID already exists in the list.

# Salesforce Developer Forums -

## <https://developer.salesforce.com/forums>

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### Check if a list contains an object



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[waylonatcim](#)

#### Check if a list contains an object

Is there any way to check if a list contains a certain element? I looked at the List functions and did not see any contain() function like Java has, so I was wondering how other people are handling this.

Thanks

November 18, 2008

[Reply](#) [Like 0](#)



[wintamute](#)

Hi,

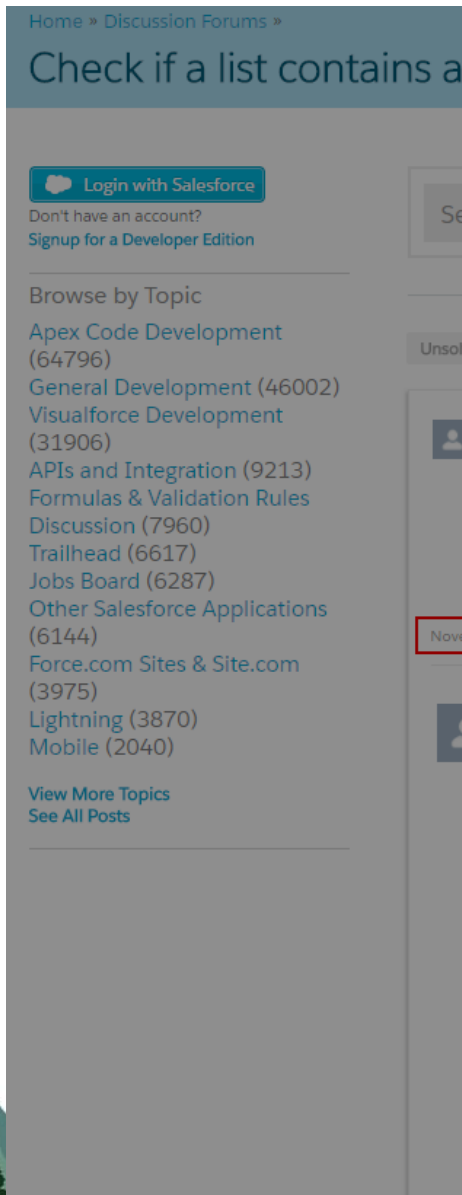
List doesn't support contains(), this method is only available for Sets and Maps (here its containsKey() actually). Please note that you can only use primitive types in sets and as key in maps. So one solution for objects would be to use a map with the object id as key, for example  
Code:

```
1 Map<Id,Account> accountMap = new Map<Id,Account>();
2
3 accountMap.put(sampleAccount.Id, sampleAccount);
4
5 if(accountMap.containsKey(sampleAccount.Id)) {
6     // do foo
7 }
```

Hope this helps,  
Andreas

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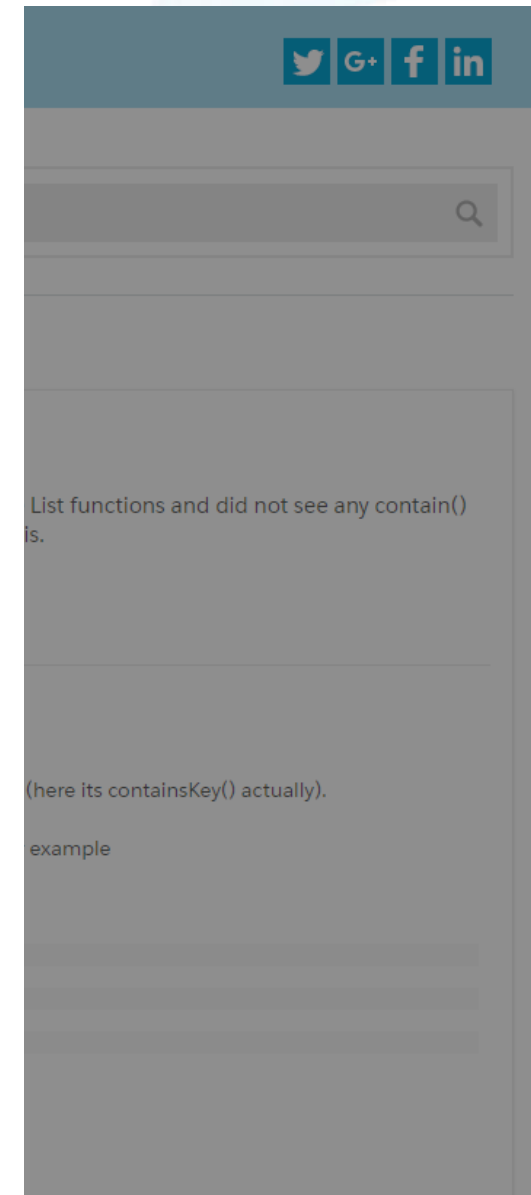
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## Check if a list contains an object

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### Check if a list contains an object

Is there any way to check if a list contains any contain()

function like Java has, so I was

Thanks

November 18, 2008 Reply Like 0

Hope this helps,  
Andreas

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## Contains/IndexOf Method For Lists

Salesforce Platform, Apex & Visualforce

It would be nice to have either a contains or indexOf method for a List collection.

Instead of this code:

```
for(Id IdToUse: ListOfIDs) {  
    if(IdToUse == IdToCompare) { return true; }  
}  
return false;
```

You could simply use this:

```
return (ListOfIDs.indexOf(IdToCompare) > -1);
```


It would make working with Lists a lot more efficient.

[Merge Idea](#) · [Flag](#)

Comments ( 13 )

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Jeffrey Cheung

1 month ago

We need this! Salesforce is so developer-unfriendly.

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Jefferson Fernandez

7 months ago

very useful

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Craig Hubert

6 years ago

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UNDER POINT THRESHOLD

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# Key learning takeaway: check multiple resources!

Since so many people have viewed this question, I wanted to provide an updated answer to this for anybody who visits this question in 2018 & beyond: The upcoming version of Salesforce (Spring '18) does add the `contains()` method to `List`: Spring '18 Release Notes: New and Changed Classes

## `contains(listElement)`

Returns true if the list contains the specified element.

share edit delete flag

answered 17 mins ago

## release notes

Metadata.AnalyticConsoleComponentLayoutItemClass

### New Property

#### `showHeader`

If true, includes the dashboard's header bar. If false, the dashboard appears with

### Metadata.SidebarComponent Class

### New Properties

#### `createAction`

If the component is a lookup field, the name of the quick action used to create a re

#### `enableLinking`

If the component is a lookup field, lets users associate a record with this field.

#### `updateAction`

If the component is a lookup field, the name of the quick action used to update a re

### System.List Class

### New Methods

#### `contains(listElement)`

Returns true if the list contains the specified element.

#### `indexOf(listElement)`

Returns the index of the first occurrence of the specified element in this list. If this

### System.PageReference Class

### New Method

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list methods

## Search results

## Lists

elements in a list, use the **List methods** provided by Apex. For example: List...

1 match

## Lists of sObjects

of sObject lists using the **List methods** provided by Apex. For example:...

1 match

## List Class

Namespace System Usage The **list methods** are all instance methods,...

3 matches

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ApexPages Namespace

AppLauncher Namespace

Approval Namespace

## List Methods

The following are methods for List. All are instance methods.

- **add(listElement)**  
Adds an element to the end of the list.
- **add(index, listElement)**  
Inserts an element into the list at the specified index position.
- **addAll(fromList)**  
Adds all of the elements in the specified list to the list that calls the method. Both lists must be of the same type.
- **addAll(fromSet)**  
Add all of the elements in specified set to the list that calls the method. The set and the list must be of the same type.
- **clear()**  
Removes all elements from a list, consequently setting the list's length to zero.
- **clone()**  
Makes a duplicate copy of a list.
- **contains(listElement)**  
Returns **true** if the list contains the specified element.
- **deepClone(preserveId, preserveReadOnlyTimestamps, preserveAutonumber)**  
Makes a duplicate copy of a list of sObject records, including the sObject records themselves.
- **equals(list2)**  
Compares this list with the specified list and returns **true** if both lists are equal; otherwise, returns **false**.
- **get(index)**  
Returns the list element stored at the specified index.
- **getObjectType()**  
Returns the token of the sObject type that makes up a list of sObjects.
- **hashCode()**  
Returns the hashcode corresponding to this list and its contents.
- **indexOf(listElement)**  
Returns the index of the first occurrence of the specified element in this list. If this list does not contain the element, returns -1.
- **isEmpty()**



# Community Best Practices

You've done your research, but you're still stuck – time to ask for help!

# Salesforce StackExchange Best Practices

Read the help area: <https://salesforce.stackexchange.com/help>

- More heavily moderated than the Salesforce Developer Forums

Search for existing answers! It's possible someone else has had the same problem

Show that you have put in the effort to figure it out (do your homework!)

- Provide code samples (with correct formatting)
- Tell the community what you have tried and the exact problem or error
- Basic platform questions are generally frowned upon – there are already plenty of resources that should be able to help you

Upvote helpful answers & be sure to accept the best answer

Ideas/suggestions or opinion-based questions should be posted on another platform (developer forums, trailblazer community, idea exchange, etc)



# Salesforce StackExchange

## Unit testing code which has logic around the CreatedDate



111



22

An example of the problem would be trying to test a trigger on a case which will fire on update, and look for time differences between when a case was created and now. Ideally in the unit tests I want to create a case with a CreatedDate in the past. The problem here is that CreatedDate is an audit field and not writeable[1]. Is there a standard work around to this problem?

[1] I know you can get audit fields turned on to be writeable temporarily when doing data migration. This is not a viable solution for every time you want to get your code coverage up for deployment.

apex unit-test

share edit flag

asked Aug 1 '12 at 9:36



David Gillen

1,683 3 11 25

2 You might mention that you're aware of the idea on the IdeaExchange to add this functionality: [link](#) – [EJ. Wilburn](#) Aug 1 '12 at 14:31

Good point, please "promote" the idea, so this question would no longer be needed. – [David Gillen](#) Aug 7 '12 at 15:08

1 I think ca\_peterson's answer (use JSON.deserialize) is credible and bounty-worthy, especially given that [Rich Unger](#) has unofficially blessed it. – [metadaddy](#) Aug 17 '12 at 20:14

I agree, leaving the question open for the next few days however to generate more discussion. However, when assigning a bounty it is often to award an already offered answer which you particularly like. ;-) – [David Gillen](#) Aug 17 '12 at 22:22

3 I find it amusing that Rich's comment on the answer has 5 votes while the answer itself only has 4. :) – [EJ. Wilburn](#) Aug 20 '12 at 15:51

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8 Answers

[active](#) [oldest](#) [votes](#)



76



Spring '16 [Release Notes](#) document a new system method supporting this:

```
Test.setCreatedDate(recordId, createdDatetime)
```

Sets CreatedDate for a test-context sObject.

This will definitely complement the `loadData()` and `deserialize()` techniques.

```
Account account = new Account(Name = 'Test');
insert account;
```



# Salesforce StackExchange

## Is it possible to run a SOQL Query and get a MAP returned?



79



17

It is possible to run query and the results inserted into an Apex list:

```
List<Opportunity> opportunities = [SELECT Opportunity.OwnerId,  
    Opportunity.Probability,  
    Owner.Name FROM Opportunity  
    WHERE Opportunity.LastModifiedDate = LAST_N_DAYS:7];
```

Is it possible to return a Map? Where the key would be the OpportunityID and the value the Opportunity?

If not, what is the quickest way to convert to a map?

apex soql map

share edit flag

edited Feb 20 '16 at 17:58



Ratan Paul

17.4k 8 21 56

asked Dec 11 '12 at 17:52



dublintech

1,708 4 25 46

[add a comment](#)

[start a bounty](#)

### 2 Answers

active

oldest

**votes**



112



I know only one:

```
Map<ID, Contact> m = new Map<ID, Contact>([SELECT Id, LastName FROM Contact]);
```

Here is the doc: [Maps of sObjects](#)

share edit flag

edited Sep 16 '15 at 21:16

answered Dec 11 '12 at 17:57



Sergej Utko

19.2k 8 40 68

# Twitter #askforce Best Practices

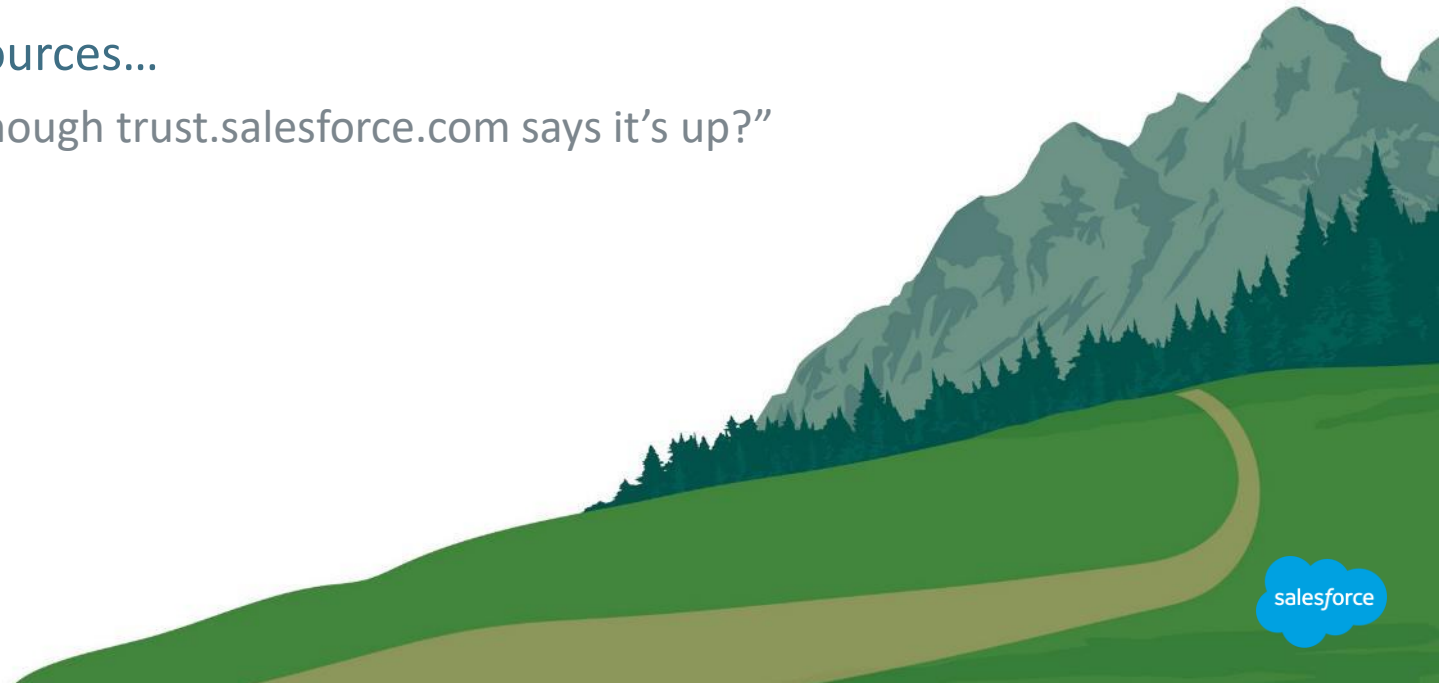
It's difficult to troubleshoot in 280 characters!

- If your problem is complicated, consider asking your question on the Salesforce StackExchange or elsewhere first and then asking the Twitterverse
  - Added benefit: SFSE reputation!


Follow the hashtag – if others have helped you, can you return the favor for someone else?

Twitter is more real-time than most other resources...

- “Are others having issues accessing NA35, even though trust.salesforce.com says it's up?”
- Check recent posts first, then ask!




# #askforce Failure




#askforce **workbench** is down. Check my blog for a temporary solution  
[sarfarajey.blogspot.com/2017/08/workbe...](http://sarfarajey.blogspot.com/2017/08/workbe...) @salesforce @SalesforceDevs Hope  
this helps

1 1 1




Aug 15  
Is it just me or is #Salesforce **workbench** down? #askforce  
[workbench.developerforce.com/login.php](http://workbench.developerforce.com/login.php)

3 2 1




Aug 15  
Unable to open **workbench**... do anyone know by when this  
#workbench #askforce #salesforce

1 1 1




Aug 14  
#askforce @asksalesforce **Workbench** is down since days?  
[workbench.developerforce.com/login.php](http://workbench.developerforce.com/login.php)

1 1 1




Aug 14  
Is **workbench** down or is it just me? #askforce

2 1 1




Aug 14  
Is **workbench** down for anyone else...again? #askforce @salesforce

2 1 1




Aug 14  
@SalesforceDevs What's up with the DNS issue? cc: @asksalesforce **Workbench**  
is a critical tool! #askforce




Why workbench is down ? #askforce @SalesforceDevs

1 2 3



Aug 14  
Anyone else facing issue with #**Workbench**? [workbench.developerforce.com](http://workbench.developerforce.com) 's  
server DNS address could not be found #askforce @asksalesforce

2 1 1



Aug 14  
Why **workbench** is down ? #askforce @SalesforceDevs

1 1 1

# #askforce as a secondary resource

There's only so much you can do in 140 280 characters...

[salesforce.stackexchange.com/questions/1962 ... #askforce](https://salesforce.stackexchange.com/questions/1962...#askforce)



## Status of Usage Metrics - Is it dead or is there a roadmap?

The current version of Salesforce Usage Metrics for ISV apps as describe here <https://www.salesforce.com/video/192805/> is quite limited and seems to suffer from a lot issues. Is this a dead tool t...  
[salesforce.stackexchange.com](https://salesforce.stackexchange.com)

9:16 AM - 31 Oct 2017

3 Retweets 3 Likes



1 3 3



Tweet your reply



**Stephan H. Wissel** @notessensei · Oct 31

Replying to @WatsonRobertB

@WadeWegner can you nudge the powers to be? Or is it just patience until Dreamforce?

1 1



**Wade Wegner** @WadeWegner · Oct 31

This is an area in my domain &, unfortunately, not something we've been able to actively invest in. That said, we've had talks. Hang tight!

1 1



**Robert Sösemann** @RobertSoesemann · Nov 2

Wade, it would be great if you could put a few remarks into any answer on SFSE. Would love to grant you the bounty ;-)

1



**Wade Wegner** @WadeWegner · Nov 2

Done. Sorry I don't have a better answer right now.

3



But wait – there's more!

# Salesforce Ohana Slack

For real-time collaboration... or when you feel like slacking

Join us today:

<https://goo.gl/JDpe1g>

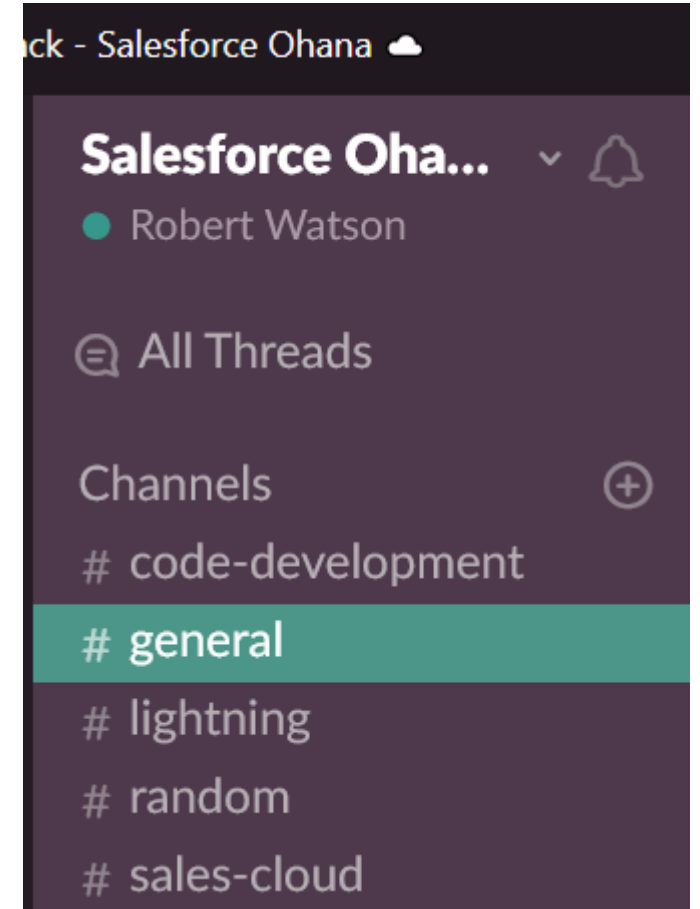
Searchable

Log of

All

Conversation and

Knowledge





# Resources, Categorized

## 1 – Search & Research

- SearchTheForce.com
- Developer Documentation - <https://developer.salesforce.com/docs>
- Salesforce StackExchange
- Developer Forums - <https://developer.salesforce.com/forums>
- Salesforce Developer Blogs - <https://developer.salesforce.com/blogs>
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## 2 – Get Help & Collaborate

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- **Salesforce StackExchange** - <https://salesforce.stackexchange.com>
- **Twitter #askforce**
- **Slack: Salesforce Ohana**

## 2 – Get Help & Collaborate (cont'd)

- Developer Forums
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## 4 – Continuous Learning

- Developer User Groups - <https://www.meetup.com/pro/salesforcedevs>
- Community Podcasts - <https://www.codecoverage.org>
- **Books** - Force.com Enterprise Architecture, Advanced Apex Programming...
- Trailhead - <http://trailhead.com>
- Pluralsight - <http://pluralsight.com>

# Thank You

