



QuickAction Class

Use Apex to request and process actions on objects that allow custom fields, on objects that appear in a Chatter feed, or on objects that are available globally.

Namespace

[System](#)

Example

In this sample, the trigger determines if the new contacts to be inserted are created by a quick action. If so, it sets the `WhereFrom__c` custom field to a value that depends on whether the quick action is global or local to the contact. Otherwise, if the inserted contacts don't originate from a quick action, the `WhereFrom__c` field is set to `'NoAction'`.

```
trigger accTrig2 on Contact (before insert) {
    for (Contact c : Trigger.new) {
        if (c.getQuickActionName() == QuickAction.CreateContact) {
            c.WhereFrom__c = 'GloboAction1';
        } else if (c.getQuickActionName() == Schema.Account.QuickAction.CreateContact) {
            c.WhereFrom__c = 'AccountAction';
        } else if (c.getQuickActionName() == null) {
            c.WhereFrom__c = 'NoAction';
        } else {
            System.assert(false);
        }
    }
}
```

This sample performs a global action—`QuickAction.CreateContact`—on the passed-in contact object.

```
public Id globalCreate(Contact c) {
    QuickAction.QuickActionRequest req = new QuickAction.QuickActionRequest();
    req.quickActionName = QuickAction.CreateContact;
    req.record = c;
    QuickAction.QuickActionResult res = QuickAction.performQuickAction(req);
    return c.id;
}
```

See Also

- [QuickActionRequest Class](#)
- [QuickActionResult Class](#)

QuickAction Methods

The following are methods for `QuickAction`. All methods are static.



returns the metadata information for the provided quick actions.

- **`performQuickAction(quickActionRequest)`**
Performs the quick action specified in the quick action request and returns the action result.
- **`performQuickAction(quickActionRequest, allOrNothing)`**
Performs the quick action specified in the quick action request with the option for partial success, and returns the result.
- **`performQuickActions(quickActionRequests)`**
Performs the quick actions specified in the quick action request list and returns action results.
- **`performQuickActions(quickActionRequests, allOrNothing)`**
Performs the quick actions specified in the quick action request list with the option for partial success, and returns action results.

describeAvailableQuickActions(parentType)

Returns metadata information for the available quick actions of the provided parent object.

Signature

```
public static List<QuickAction.DescribeAvailableQuickActionResult>  
describeAvailableQuickActions(String parentType)
```

Parameters

parentType

Type: `String`

The parent object type. This can be an object type name ('Account') or 'Global' (meaning that this method is called at a global level and not an entity level).

Return Value

Type: `List<QuickAction.DescribeAvailableQuickActionResult>`

The metadata information for the available quick actions of the parent object.

Example

```
// Called for Account entity.  
List<QuickAction.DescribeAvailableQuickActionResult> result1 =  
    QuickAction.DescribeAvailableQuickActions('Account');  
  
// Called at global level, not entity level.  
List<QuickAction.DescribeAvailableQuickActionResult> result2 =  
    QuickAction.DescribeAvailableQuickActions('Global');
```

describeQuickActions(sObjectNames)

Returns the metadata information for the provided quick actions.

Signature

```
public static List<QuickAction.DescribeQuickActionResult> describeQuickActions(List<String>  
sObjectNames)
```

Parameters

sObjectNames

Type: `List<String>`



Type: [List<QuickAction.DescribeQuickActionResult>](#)

The metadata information for the provided quick actions.

Example

```
// First 3 parameter values are for actions at the entity level.  
// Last parameter is for an action at the global level.  
List<QuickAction.DescribeQuickActionResult> result =  
    QuickAction.DescribeQuickActions(new List<String> {  
        'Account.QuickCreateContact', 'Opportunity.Update1',  
        'Contact.Create1', 'Global.CreateNewContact' });
```

performQuickAction(quickActionRequest)

Performs the quick action specified in the quick action request and returns the action result.

Signature

```
public static QuickAction.QuickActionResult performQuickAction(QuickAction.QuickActionRequest  
quickActionRequest)
```

Parameters

quickActionRequest

Type: [QuickAction.QuickActionRequest](#)

Return Value

Type: [QuickAction.QuickActionResult](#)

performQuickAction(quickActionRequest, allOrNothing)

Performs the quick action specified in the quick action request with the option for partial success, and returns the result.

Signature

```
public static QuickAction.QuickActionResult performQuickAction(QuickAction.QuickActionRequest  
quickActionRequest, Boolean allOrNothing)
```

Parameters

quickActionRequest

Type: [QuickAction.QuickActionRequest](#)

allOrNothing

Type: [Boolean](#)

Specifies whether this operation allows partial success. If you specify `false` for this argument and a record fails, the remainder of the DML operation can still succeed. This method returns a result object that can be used to verify which records succeeded, which failed, and why.

Return Value

Type: [QuickAction.QuickActionResult](#)

performQuickActions(quickActionRequests)



```
performQuickActions(List<QuickAction.QuickActionRequest> quickActionRequests)
```

Parameters

quickActionRequests

Type: [List<QuickAction.QuickActionRequest>](#)

Return Value

Type: [List<QuickAction.QuickActionResult>](#)

performQuickActions(quickActionRequests, allOrNothing)

Performs the quick actions specified in the quick action request list with the option for partial success, and returns action results.

Signature

```
public static List<QuickAction.QuickActionResult>  
performQuickActions(List<QuickAction.QuickActionRequest> quickActionRequests, Boolean  
allOrNothing)
```

Parameters

quickActionRequests

Type: [List<QuickAction.QuickActionRequest>](#)

allOrNothing

Type: [Boolean](#)

Specifies whether this operation allows partial success. If you specify `false` for this argument and a record fails, the remainder of the DML operation can still succeed. This method returns a result object that can be used to verify which records succeeded, which failed, and why.

Return Value

Type: [List<QuickAction.QuickActionResult>](#)

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