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Developers   ⌄

RemoteObjectController ☰

RemoteObjectController

Use `RemoteObjectController` to access the standard Visualforce Remote Objects operations in your Remote Objects override methods.

Namespace

System

Usage

`RemoteObjectController` is supported only for use within Remote Objects methods. See *Overriding Default Remote Objects Operations* in the *Visualforce Developer's Guide* for examples of how to use `RemoteObjectController` with your Visualforce pages.

RemoteObjectController Methods

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

- **create(type, fields)**
  Create a record in the database.

- **del(type, recordIds)**
  Delete records from the database.

- **retrieve(type, fields, criteria)**
  Retrieve records from the database.

- **update(type, recordIds, fields)**
  Update records in the database.

create(type, fields)

Create a record in the database.

Signature

```
public static Map<String,Object> create(String type, Map<String,Object> fields)
```

Parameters

type

  Type: String

  The sObject type on which create is being called.

fields

  Type: Map<String,Object>

  The fields and values to set on the new record.

Return Value

Type: Map<String,Object>

A map that contains a single element with the ID of the record created. For example, { id: 'recordId' }.

Failure

A map that contains a single element with the error message for the overall operation. For example, { error: 'errorMessage' }.

del(type, recordIds)

Delete records from the database.

Signature

```
public static Map<String,Object> del(String type, List<String> recordIds)
```

Parameters

type

Type: String

The sObject type on which delete is being called.

recordIds

Type: List<String>

The IDs of the records to be deleted.

Return Value

Type: Map<String,Object>

The return value is a map that represents the result of the Remote Objects operation. What is returned depends on how the method was called and the results of the call.

Single Delete—Success

A map that contains a single element with the ID of the record that was deleted. For example, { id: 'recordId' }.

Batch Delete—Success

A map that contains a single element, an array of Map<String,Object> elements. Each element contains the ID of a record that was deleted and an array of errors, if there were any, for that record's individual delete. For example, { results: [{ id: 'recordId', errors: ['errorMessage', ...]}, ...] }.

Single and Batch Delete—Failure

A map that contains a single element with the error message for the overall operation. For example, { error: 'errorMessage' }.

retrieve(type, fields, criteria)

Retrieve records from the database.

Signature

```
public static Map<String,Object> retrieve(String type, List<String> fields, Map<String,Object> criteria)
```

Parameters

type

Type: String

The sObject type on which retrieve is being called.

criteria

Type: Map<String,Object>

The criteria to use when performing the query.

Return Value

Type: Map<String,Object>

The return value is a map that represents the result of the Remote Objects operation. What is returned depends on the results of the call.

Success

A map that contains the following elements.

- `records`: An array of records that match the query conditions.
- `type`: A string that indicates the type of the sObject that was retrieved.
- `size`: The number of records in the response.

Failure

A map that contains a single element with the error message for the overall operation. For example, `{ error: 'errorMessage' }`.

update(type, recordIds, fields)

Update records in the database.

Signature

```
public static Map<String,Object> update(String type, List<String> recordIds, Map<String,Object> fields)
```

Parameters

type

Type: String

The sObject type on which update is being called.

recordIds

Type: List<String>

The IDs of the records to be updated.

fields

Type: Map<String,Object>

The fields to update, and the value to update each field with.

Return Value

Type: Map<String,Object>

The return value is a map that represents the result of the Remote Objects operation. What is returned depends on how the method was called and the results of the call.

Single Update—Success

A map that contains a single element with the ID of the record that was updated. For example, `{ id: 'recordId' }`.

Batch Update—Success

Single and Batch Update—Failure

A map that contains a single element with the error message for the overall operation. For example, `{ error: `'errorMessage'` }`.

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