

NetSuite Functions

NetSuite functions provide login and session information and lookups for NetSuite instances.

NetSuiteGetSelectValue

Declaration

```
dictionary NetSuiteGetSelectValue(string netSuiteOrg, string recordType,
string field[, string sublist])
```

Syntax

```
NetSuiteGetSelectValue(<netSuiteOrg>, <recordType>, <field>[, <sublist>])
```

Required Parameters

- **netSuiteOrg**: A string reference path to a NetSuite connection in the current project
- **recordType**: NetSuite record type (see Picklist Example below)
- **field**: NetSuite field

Optional Parameters

- **sublist**: NetSuite sublist

Description

Retrieves the picklist values for a field from NetSuite.

The function response is a dictionary (map), where:

- The dictionary keys are the picklist values.
- The dictionary values are a map with two elements: the internal ID and the external ID for each picklist.



NOTE: The return value should be assigned to a variable and the variable should be used for retrieving corresponding IDs for picklist elements instead of calling this function multiple times.



NOTE: If `sublist` is given inappropriately, you may get

```
ERROR code=INSUFFICIENT_PERMISSION:message=You do not have
permissions to set a value for element cef records
```

due to any of these reasons:

- The field is read-only.
- An associated feature is disabled.
- The field is available either when a record is created or updated, but not in both cases.

Examples

Script Example

```
netSuiteOrg = "<TAG>endpoint:netsuite/NetSuite</TAG>";
recordType = "customer";
field = "entityStatus";
dict = NetSuiteGetSelectValue(netSuiteOrg, recordType, field);
i1=dict[field]["internalId"]; // or dict[field][0]
e1=dict[field]["externalId"]; // or dict[field][1]
```

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Picklist Example

1. Go to [NetSuite's SuiteTalk Schema Browser](#).
2. From the **Records** section in the upper left, select **relationships.xsd**, and then select **Customer** from the resulting list. The page will display the Customer Record table showing the structure of the Customer Record, and in particular the field names and types available. A "record type" in NetSuite is similar to a Jitterbit object or table name. Record types are case-sensitive.
3. If you are using a Jitterbit Harmony NetSuite search activity, its schema has the field `entityStatus`. You can preview the values for this field for when previewing a transformation using this schema.
4. To retrieve all the picklist values for the field `entityStatus` under the `customer` record type, use a script such as:

```
netSuiteOrg = "<TAG>endpoint:netsuite/NetSuite</TAG>";
recordType = "customer";
field = "entityStatus";
d = NetSuiteGetSelectValue(netsuiteOrg, recordType, field);
keys = GetKeys(d);
$cw.internalId = d[keys[0]]["internalId"];
$cw.externalId = d[keys[0]]["externalId"];
keys
```

5. This will return a list of keys, such as:

```
{CUSTOMER-Closed Won,CUSTOMER-Lost Customer,CUSTOMER-Renewal}
```

6. You can then test the script using script testing to see the internal and external IDs for each of the three picklist entries.

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NetSuiteGetServerTime

Declaration

```
string NetSuiteGetServerTime(string netSuiteOrg)
```

Syntax

```
NetSuiteGetServerTime(<netSuiteOrg>)
```

Required Parameters

- `netSuiteOrg`: A string reference path to a NetSuite connection in the current project

Description

Retrieves the server date-time from a NetSuite server.

Examples

```
netSuiteOrg = "<TAG>endpoint:netsuite/NetSuite</TAG>";
NetSuiteGetServerTime(netSuiteOrg);
// Returns a date such as "2017-12-07T21:00:26.000-08:00"
```

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NetSuiteLogin

Declaration

```
string NetSuiteLogin(string netSuiteOrg)
```

Syntax

```
NetSuiteLogin(<netSuiteOrg>)
```

Required Parameters

- **netSuiteOrg**: A string reference path to a NetSuite connection in the current project

Description

Retrieves a new session ID from a NetSuite endpoint for use in REST or SOAP calls that are used outside of the NetSuite connector. This provides a simple way to log in to NetSuite without requiring authentication headers for each web service call.



NOTE: Use of this function is not required if you are using the Jitterbit Harmony NetSuite Connector.



WARNING: The NetSuite session expires after 15 minutes. It may be invalidated by other calls to NetSuite.

Examples

```
netSuiteOrg = "<TAG>endpoint:netsuite/NetSuite</TAG>";  
NetSuiteLogin(netSuiteOrg);  
// Returns a string such as  
// "JSESSIONID=_wXox...847; path=/; HttpOnly;NS_ROUTING_VERSION=LAGGING;  
path=/;NS_VER=2017.2.0; path="/
```

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