

ServiceNow Application Developer

Client-side Scripting > The GlideForm (g_form) Class

The *GlideForm* client-side API provides methods for managing form and form fields including methods to:

- Retrieve a field value on a form
- Hide a field
- Make a field read-only
- Write a message on a form or a field
- Add fields to a choice list
- Remove fields from a choice list

The *GlideForm* methods are accessed through the global *g_form* object that is only available in client-side scripts. To use methods from the *GlideForm* class use the syntax:

```
g_form.<method name>
```

For example, the *GlideForm* API has a method called *getValue()*. The *getValue* method gets the value of a field on the form (not the value in the database). The example script gets the value of the *Short description* field from the form and displays the *Short description* field value in an alert.

```
alert(g_form.getValue('short_description'));
```

NeedIt
NI002002

Number NI002002 Priority 4 - Low

* Requested for Fred Luddy State Requested

* Requested for email

* Request type Facilities

* What needed Facilities 2

* When needed 2017-08-18 14:48:26

Short description Need conference room set up for meeting.

Description

.service-now.com says
Need conference room set up for meeting.
OK

Notice that on the form, the field name is *Short description* but the script refers to the same field as **short_description**. Why are these two values different? All table fields have both a *Label* and *Name*. The *Label* is the human friendly version of the field name which appears on forms. The *Name* is the value used to reference a field in a script. *Names* are always lowercase and never contain spaces.

Properties

Label Short description

Name short_description

Type String

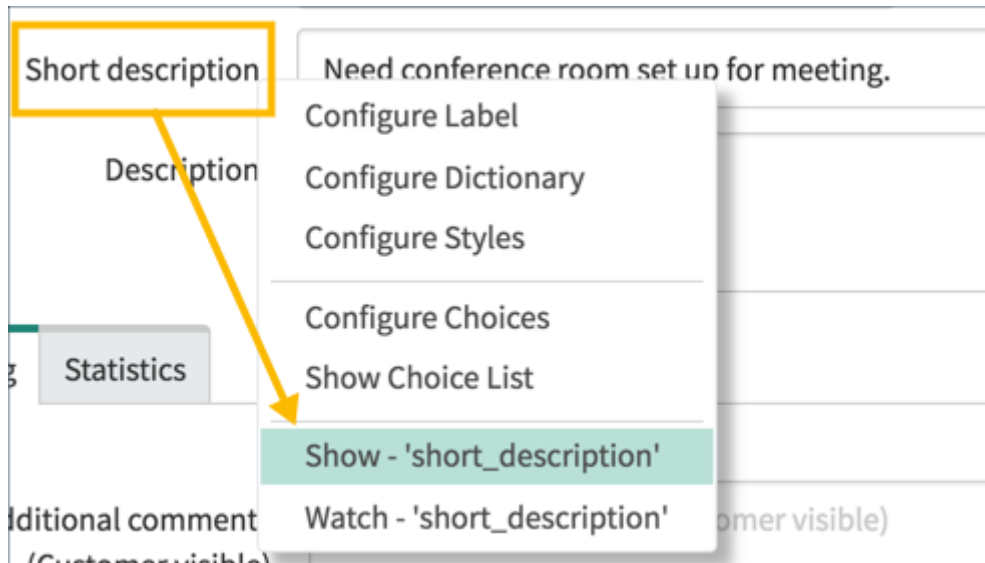
Default

Max length 160

Mandatory ☐

Read Only ☐

There are a number of ways to find the *Name* and *Label* values for a field such as looking at the table definition, looking at the properties in Form Designer, or looking in the Dictionary. The fastest way to find the *Name* and *Label* values when a form is open is to right-click the field's *Label* in the form. The *Label* appears on the form and the *Name* appears in the right-click menu.



In addition to the *getValue()* method, other commonly used *GlideForm* methods include:

- *addOption()*
- *clearOptions()*
- *addInfoMessage()*
- *addErrorMessage()*
- *showFieldMsg()*
- *clearMessages()*
- *getSections()*
- *getSectionName()*

For a complete list of methods from the *GlideForm* class, visit the API reference on the Developer Portal **Developer Portal API Reference** (https://developer.servicenow.com/app.do#!/api_doc?v=madrid&id=client).

