

sgapiSetQuestionProperty(%%questionID, %%property, %%value)

Important Update to Custom Scripting

The CustomScript Action now supports the LUA programming language. Visit our [NEW Lua Scripting Resources!](#)

1. New accounts (created after October 29, 2018) will only have the option to use Lua in scripts.
2. As of October 29, 2018 Custom Scripting Actions will default to Lua as the scripting type in the Custom Scripting Action for accounts created before this date. You will be able to switch to the Legacy Custom Scripting; though we highly encourage using Lua.
3. In the long term, Legacy Custom Scripting Actions will be switched to read-only. The exact date on this is to be determined; we will send notifications well ahead of time.

This function sets the given property to the given value for the given question.

Possible Properties	Values
exclude_number	boolean
labels_right	boolean
orientation	VERT/HORZ
question_description_above	boolean
custom_css	Template CSS hook name
required	boolean
force_percent	boolean
force_currency	boolean
min_number	value
max_number	value
min_answers_per_row	value
minimum_response	value
defaulttext	text/reporting value
max_total	value
max_total_noshow	boolean
email_attachments	value
xnumber	value

Examples

The below script sets the required property for question ID 10.

```

%%questionID = 10;
%%property = 'required';
%%value='true';

sgapiSetQuestionProperty(%%questionID, %%property, %%value);

```

This script utilizes the sgapiRand function in combination with the sgapiSetQuestionProperty function to randomize the orientation of the target question.

Check it out in an Example Survey

```

%%questionID = 2;
%%property = "orientation";
%%random = sgapiRand(0,1);

if (%%random == 0) {
  %%value = "VERT";
}
else{
  %%value = "HORZ";
}

sgapiSetQuestionProperty(%%questionID,%%property,%%value);

```

Using the "email_attachments" property you can attach a custom-built PDF to an existing send email action. In this example we set the "email_attachments" property of the send email action (ID 3) equal to the %%attachment custom PDF that we created.

```

%%pdf = "Example PDF";
%%text = "Hello World!";
%%size = 14;
%%options = array('spacing' => 1.5);
%%table = array( array(1,2,3,4), array(5,6,7,8), array (9,10,11,12) );
%%columns = array('Column A','Column B','Column C','Column D');

sgapiNewPDF(%%pdf,'letter','portrait');
sgapiSetFontPDF(%%pdf,'courier');
sgapiSetColorPDF(%%pdf,0,0,0);
sgapiImagePDF(%%pdf,"https://surveygizmolibrary.s3.amazonaws.com/library/160589/surveysoftwareapi.png");
sgapiTextPDF(%%pdf,%%text,%%size,%%options);
sgapiTablePDF(%%pdf,%%table,%%columns,'Table Title');

%%formattedpdf = sgapiPDFOutput(%%pdf);

%%attachment[example.pdf] = %%formattedpdf;

sgapiSetQuestionProperty(3,"email_attachments",%%attachment);

```

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