

2019 NY myEvolv Training Summit - JavaScript Workshop

Pre-Workshop Prep

If you would like to follow along with the hands-on workshop in your own system, complete the following steps to create a form and event that we will use for this scenario. It is recommended to set this event up in your development system.

The instructions that follow will create a Test/Assessment Event called Unit Calculation that you will be able to access for a test client in your Assessments formset member in the Client module.

Unit Calculation
Client: xxTest, Christine DOB: 03/01/2002 Gender:Female ID# 00000018 Intake: 01/01/2016 05:00am

Save Cancel Print Close

Test

Client: [xxTest, Christine](#)

Event: Unit Calculation

Actual Date:

End date:

Duration (nhmm):

Location:

Title:

Staff: [Corbin, Dean](#)

Test Information

Group 1

Domains

Domain	Score	Score Type	Interpretation	Problem Identified	Strength Identified	Manual?	Remarks
...

Entered With: Agency Placement - 01/01/2016 05:00am

Additional Information

Remarks:

Instructions:

Step 1) Go to *Setup > User Tools > Form Designer > Form Designer*

Open Form Family **Tests and Assessments (People)**

Copy form **Tests and Assessments (People)**

-- New Form Parameters ==

Save Cancel Close

New Form Parameters

Form Name

Form Code

Form Height (px)

Form Width (px)

Form Size (%)

Step 2) Go to *Setup > Event Setup > People > Events Setup*

Select Event Category **Test/Assessments for People**

Create New Event

-- Event Definitions Information --

Event Definition User - People

Save Cancel Print Help Close

Event Definitions Information Security for Event Link to Event Groups Related Programs Fake Client

Event Name Unit Calculation

Event Code MY_UNIT_CALC

Shortcut Code

Is Active

Is Service Event

Has Service Form Group?

Data Entry Form (for New) [Unit Calculation](#)

Data Entry Form (for Edit) [Unit Calculation](#)

-- Security for Event --

Event Definition User - People

Save Cancel Print Help Close

Event Definitions Information **Security for Event** Link to Event Groups Related Programs Fake Client

Worker Role	Access	Add	Edit	Delete	Undelete	Un-sign
Administrator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
*	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Or whatever role your myEvolv user account uses

-- Link to Event Groups --

Event Definition User - People

Save Cancel Print Help Close

Event Definitions Information Security for Event **Link to Event Groups** Related Programs Fake Client

Event Groups
Client Tests/Assessments
*

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Code Snippets

CODE SNIPPET 1

```
1 var startDate = getElementFromXML(formXML, 'actual_date');
2 var endDate = getElementFromXML(formXML, 'end_date');
3 alert(endDate - startDate);
```

CODE SNIPPET 2

```
1 var startDate = new Date(getElementFromXML(formXML, 'actual_date'));
2 var endDate = new Date(getElementFromXML(formXML, 'end_date'));
3 alert(endDate - startDate);
```

CODE SNIPPET 3

```
1 var startDate = new Date(getElementFromXML(formXML, 'actual_date'));
2 var endDate = new Date(getElementFromXML(formXML, 'end_date'));
3 alert((endDate - startDate) / 1000 / 60);
```

CODE SNIPPET 4

```
1 var startDate = new Date(getElementFromXML(formXML, 'actual_date'));
2 var endDate = new Date(getElementFromXML(formXML, 'end_date'));
3 diffMins = (endDate - startDate) / 1000 / 60;
4 var hh = diffMins / 60;
5 var mm = diffMins % 60;
6 alert(hh + ':' + mm);
```

CODE SNIPPET 5

```
1 var startDate = new Date(getElementFromXML(formXML, 'actual_date'));
2 var endDate = new Date(getElementFromXML(formXML, 'end_date'));
3 diffMins = (endDate - startDate) / 1000 / 60;
4 var hh = Math.floor(diffMins / 60);
5 var mm = diffMins % 60;
6 if(mm < 10){
7     mm = '0' + mm;
8 }
9 alert(hh + ':' + mm);
```

CODE SNIPPET 6

```
1 var startDate = new Date(getElementFromXML(formXML, 'actual_date'));
2 var endDate = new Date(getElementFromXML(formXML, 'end_date'));
3 diffMins = (endDate - startDate) / 1000 / 60;
4 var hh = Math.floor(diffMins / 60);
5 var mm = diffMins % 60;
6 if(mm < 10){
7     mm = '0' + mm;
8 }
9 setFormElement('duration', hh + ':' + mm);
10 var units;
11 if(diffMins < 15){
12     units = 0;
13 } else if (diffMins >= 90){
14     units = 6;
15 } else {
16     units = Math.floor(diffMins / 15);
17     partialUnits = diffMins % 15;
18     if(partialUnits >= 10){
19         units++;
20     }
21 }
22 setFormElement('udf_units', units);
```

CODE SNIPPET 7

```
1 var startDate = new Date(getElementFromXML(formXML, 'actual_date'));
2 var endDate = new Date(getElementFromXML(formXML, 'end_date'));
3 diffMins = (endDate - startDate) / 1000 / 60;
4 var hh = Math.floor(diffMins / 60);
5 var mm = diffMins % 60;
6 if(mm < 10){
7     mm = '0' + mm;
8 }
9 setFormElement('duration', hh + ':' + mm);
10 var units;
11 if(diffMins < 15){
12     units = 0;
13 } else if (diffMins >= 90){
14     units = 6;
15 } else {
16     units = Math.floor(diffMins / 15);
17     partialUnits = diffMins % 15;
18     if(partialUnits >= 10){
19         units++;
20     }
21 }
22 setFormElement('udf_units', units);
23 setElementFromXML(formXML, 'udf_units', units);
```