

Using ConfiForms REST API and JavaScript to calculate totals and percentage

Calculates percentage using ConfiForms REST API by aggregating rows from TotalAmount and Deductible fields

Data

Team	Year	Month	Total Amount	Deductible	Percent Deductible
Team 1	2021	January	1000	30	%300
Team 1	2021	January	310	10	%300
Team 1	2021	February	4524	3891	%8600

Export

- [CSV](#)
- [XLS](#)

Records: 3

Total %

The code to calculate the average is

```

<p>Total % <span id="confiReport"></span></p>

<script type="application/javascript">
function totalPercent(ta, td) {
    return Math.round((td / ta) * 100);
}

AJS.toInit(function() {
    var isPageEdit = AJS.$('#content').hasClass('page edit');

    if (!isPageEdit) {
        var url = 'https://wiki.vertuna.com/ajax/confiforms/rest/filter.action?
pageId=52626406&f=AmountTracking1&q=';
        var xhr = AJS.$.ajax({
            url: url,
            timeout: 10000, // 10 sec
            success: function (data) {
                var ta = 0;
                var td = 0;
                var rows = data.list.entry;
                for (i=0;i<rows.length;i++) {
                    ta = ta + rows[i].fields.TotalAmount;
                    td = td + rows[i].fields.Deductible;
                }
                AJS.$('#confiReport').append(totalPercent(ta, td));
            },
            error: function (jqXHR, textStatus, errorThrown) {
                console.log('request to get data from ConfiForms has failed... ' + textStatus);
            }
        });
    }
});
</script>

```

Form configuration

```

<ac:structured-macro ac:macro-id="660462e3-4177-454c-beef-6d0ae17c187e" ac:name="confiform" ac:schema-version="
1">
    <ac:parameter ac:name="formName">AmountTracking1</ac:parameter>
    <ac:parameter ac:name="allowReads">true</ac:parameter>
    <ac:parameter ac:name="export">true</ac:parameter>
    <ac:parameter ac:name="registrationFormTitle">Amount Tracking</ac:parameter>
    <ac:rich-text-body>
        <p>
            <br/>
        </p>
    </ac:rich-text-body>
    <ac:structured-macro ac:macro-id="2ec1405c-016e-48c3-bb51-3eed86c8e968" ac:name="confiform-field-
definition" ac:schema-version="1">
        <ac:parameter ac:name="fieldName">Team</ac:parameter>
        <ac:parameter ac:name="fieldLabel">Team</ac:parameter>
        <ac:parameter ac:name="values">>false[1=Team 1|2=Team 2|]</ac:parameter>
        <ac:parameter ac:name="extras">label;false</ac:parameter>
        <ac:parameter ac:name="type">select</ac:parameter>
        <ac:parameter ac:name="required">true</ac:parameter>
    </ac:structured-macro>
    <ac:structured-macro ac:macro-id="03d391c2-ebc5-43ea-89ca-130c156e8b22" ac:name="confiform-field-
definition" ac:schema-version="1">
        <ac:parameter ac:name="fieldName">Year</ac:parameter>
        <ac:parameter ac:name="fieldLabel">Year</ac:parameter>
        <ac:parameter ac:name="values">>false[1=2021|2=2022|]</ac:parameter>
        <ac:parameter ac:name="type">select</ac:parameter>
        <ac:parameter ac:name="required">true</ac:parameter>
    </ac:structured-macro>

```

```

</p>
<p>
  <ac:structured-macro ac:macro-id="21a2a149-332d-4598-82e2-b382bdd80f17" ac:name="confiform-field-
definition" ac:schema-version="1">
    <ac:parameter ac:name="fieldName">Month</ac:parameter>
    <ac:parameter ac:name="fieldLabel">Month</ac:parameter>
    <ac:parameter ac:name="values">>false[1=January|2=February|]</ac:parameter>
    <ac:parameter ac:name="extras">label;true</ac:parameter>
    <ac:parameter ac:name="type">select</ac:parameter>
    <ac:parameter ac:name="required">true</ac:parameter>
  </ac:structured-macro>
</p>
<p>
  <ac:structured-macro ac:macro-id="741e5ede-7e42-4ae6-b10b-0b7e0771ee8a" ac:name="confiform-field-
definition" ac:schema-version="1">
    <ac:parameter ac:name="fieldName">TotalAmount</ac:parameter>
    <ac:parameter ac:name="fieldLabel">Total Amount</ac:parameter>
    <ac:parameter ac:name="values">>false[1=Payments Insider|2=Elavon Connect|3=ServiceCloud - Salesforce|]<
/ac:parameter>
    <ac:parameter ac:name="extras">label;true</ac:parameter>
    <ac:parameter ac:name="type">number</ac:parameter>
    <ac:parameter ac:name="required">true</ac:parameter>
  </ac:structured-macro>
</p>
<p>
  <ac:structured-macro ac:macro-id="f58f31ec-e9bb-4cd6-aa84-6ad67f22419d" ac:name="confiform-field-
definition" ac:schema-version="1">
    <ac:parameter ac:name="fieldName">Deductible</ac:parameter>
    <ac:parameter ac:name="fieldLabel">Deductible</ac:parameter>
    <ac:parameter ac:name="values">>false[1=Payments Insider|2=Elavon Connect|3=ServiceCloud - Salesforce|]<
/ac:parameter>
    <ac:parameter ac:name="extras">label;true</ac:parameter>
    <ac:parameter ac:name="type">number</ac:parameter>
    <ac:parameter ac:name="required">true</ac:parameter>
  </ac:structured-macro>
</p>
<p>
  <ac:structured-macro ac:macro-id="ea4c385f-3e50-45cd-9469-818a2fc2b878" ac:name="confiform-field-
definition" ac:schema-version="1">
    <ac:parameter ac:name="fieldName">PercentDeductible</ac:parameter>
    <ac:parameter ac:name="fieldLabel">Percent Deductible</ac:parameter>
    <ac:parameter ac:name="extras">CONCAT(ROUND((([entry.Deductible] / [entry.TotalAmount]) * 100),0),"%")<
/ac:parameter>
    <ac:parameter ac:name="fieldDescription">Dividing # Automated TC by Total # of TCs</ac:parameter>
    <ac:parameter ac:name="type">formula</ac:parameter>
  </ac:structured-macro>
</p>
<p>
  <br/>
</p>
</ac:rich-text-body>
</ac:structured-macro>

```