

This is a starter page to help document complex use of [PluginCustomSearch](#) and [PluginList](#). It uses Smarty templates and JavaScript/jQuery to achieve date searches on Tracker data in related Trackers, and depends on Elasticsearch for the facet/aggregation generation and works in Tiki 18.x.

Initially a non-working dump of the (slightly simplified) files and pages:

Pages

The top level wiki page

```
! Monthly Statistics
{DIV(class="monthly-stats")}
    {CUSTOMSEARCH(tpl="themes/templates/monthly_statistics_search_form.tpl"
searchfadediv="customsearch_0_results" recalllastsearch="0" searchonload="1" requireinput="0"
forcesortmode="0" searchfadediv="customsearch_0_form" customsearchjs="1")}
    {filter field=tracker_id content="3"}
    {facet name="tracker_field_projectCompany" operator="or" count="200" order="_term_asc"
min="0"}
    {pagination max="300"}
    {tablesorter server="n" sortable="y" sortList="[0,0]"
tsortcolumns="type:n|type:digit|type:digit|type:digit|type:digit|type:digit|type:digit|type:di
git" tsfilters="y"
tstotals="type:none|type:col;formula:sum;filter:visible;label:Totals|type:col;formula:sum;filt
er:visible;label:Totals|type:col;formula:sum;filter:visible;label:Totals|type:col;formula:sum;
filter:visible;label:Totals|type:col;formula:sum;filter:visible;label:Totals|type:col;formula:
sum;filter:visible;label:Totals|type:col;formula:sum;filter:visible;label:Totals"}
    {output template="themes/templates/monthly_statistics_list.tpl"}
    {CUSTOMSEARCH}
{DIV}
```

monthly_statistics_search_form.tpl

```
{literal}
<div class="clearfix stats-search">
    {* add dropdown for months and year from May 1st*}
    <select id="daterange-presets" class="ignore">
        <option value=""></option>
        <option value="year">{tr}Financial Year To Date{/tr}</option>
        <option value="1">{tr}January{/tr}</option>
        <option value="2">{tr}February{/tr}</option>
        <option value="3">{tr}March{/tr}</option>
        <option value="4">{tr}April{/tr}</option>
        <option value="5">{tr}May{/tr}</option>
        <option value="6">{tr}June{/tr}</option>
        <option value="7">{tr}July{/tr}</option>
        <option value="8">{tr}August{/tr}</option>
        <option value="9">{tr}September{/tr}</option>
        <option value="10">{tr}October{/tr}</option>
        <option value="11">{tr}November{/tr}</option>
        <option value="12">{tr}December{/tr}</option>
    </select>
```

```

{daterange _field="tracker_field_projectDate" id="date" _to="now" _from="first day of this
month"}


</div>
{/literal}

```

monthly_statistics_list.tpl

```

{* PluginCusrtomSearch send the request data in the AJAX call in a JSON encoded parameter
called "adddata" *}
{$adddata = $smarty.request.adddata|json_decode:true}

{* a couple of handy debug blocks to see what's being send from the server *}
<pre class="add-data" style="display: none">{$adddata|var_dump}</pre>
<pre class="facets" style="display: none">{$facets|var_dump}</pre>

{if isset($adddata.date.value)}
    {* date range is sent as two unix timestamps "xxxxxx,yyyyyy" *}
    {$projectDate = ','|explode:$smarty.request.adddata.date.value}
    {$projectDate = '{filter range="tracker_field_projectDate"
from=""|cat:$projectDate[0]|cat:'' to=""|cat:$projectDate[1]|cat:''}' }
{/if}

<table class="table" id="wpcs-0">
    <thead>
        <tr>
            <th>{tr}Company Name{/tr}</th>
            <th>{tr}New Projects{/tr}</th>
            <th>{tr}Live Projects{/tr}</th>
            <th>{tr}High Priority Status{/tr}</th>
            <th>{tr}Medium Priority Status{/tr}</th>
            <th>{tr}Low Priority Status{/tr}</th>
            <th>{tr}Ordered PP{/tr}</th>
            <th>{tr}Ordered MP{/tr}</th>
        </tr>
    </thead>
    <tbody>
        {foreach $facets['tracker_field_projectCompanyName'].options as $id => $name}
            <pre class="results-row" style="display: none">{$row|var_dump}</pre>
            {* facet labels get sent in the form "Label Text (count)" so use a regular
expression here to split it into an array *}
            {$r = preg_match('/(.*?)\((\d+)\)/', $name, $m)}
            {wikiplugin _name='list'}{literal}
                {filter field="tracker_id" content="3"}
                {filter field="tracker_field_projectCompanyName"
content="{/literal}{$id}{literal}"}
                {pagination max="1"}
                {facet name="tracker_field_projectCurrentStatus" operator="or"}
                {facet name="tracker_field_projectPriorityLevel" operator="or"}
                {/literal}{$projectDate}{literal}
                {output template="themes/templates/monthly_statistics_inner_row.tpl"}
                {ALTERNATE()}<tr class="result-

```

```

row"><td>{/literal}{m[1]}{/literal}</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr>{ALTERNATE}
    {FORMAT(name="distributorName")}/literal}{m[1]}{/literal}{FORMAT}
    {FORMAT(name="projectCount")}/literal}{m[2]}{/literal}{FORMAT}
  {/literal}}{/wikiplugin}
{/foreach}
</tbody>
<tfoot>
  <tr>
    <th>{tr}Company Name{/tr}</th>
    <th>{tr}New Projects{/tr}</th>
    <th>{tr}Live Projects{/tr}</th>
    <th>{tr}High Priority Status{/tr}</th>
    <th>{tr}Medium Priority Status{/tr}</th>
    <th>{tr}Low Priority Status{/tr}</th>
    <th>{tr}Ordered PP{/tr}</th>
    <th>{tr}Ordered MP{/tr}</th>
  </tr>
</tfoot>
</table>

```

monthly_statistics_inner_row.tpl

```

{$row = $results[0]}

<tr class="result-row">
  <pre class="disty-facets" style="display: none">{$facets|var_dump}</pre>
  <pre class="disty-results" style="display: none">{$results|var_dump}</pre>
  <td>{$row.distributorName}</td>
  <td>{$row.projectCount}</td>
  {$c = preg_replace('/^[^()]*((\d+)\)/', '$1',
$facets.tracker_field_projectCurrentStatus.options.live)}
  <td>{($c) ? $c : 0}</td>
  {$c = preg_replace('/^[^()]*((\d+)\)/', '$1',
$facets.tracker_field_projectPriorityLevel.options.High)}
  <td>{($c) ? $c : 0}</td>
  {$c = preg_replace('/^[^()]*((\d+)\)/', '$1',
$facets.tracker_field_projectPriorityLevel.options.Medium)}
  <td>{($c) ? $c : 0}</td>
  {$c = preg_replace('/^[^()]*((\d+)\)/', '$1',
$facets.tracker_field_projectPriorityLevel.options.Low)}
  <td>{($c) ? $c : 0}</td>
  {$c = preg_replace('/^[^()]*((\d+)\)/', '$1',
$facets.tracker_field_projectCurrentStatus.options.orderedforpreproduction)}
  <td>{($c) ? $c : 0}</td>
  {$c = preg_replace('/^[^()]*((\d+)\)/', '$1',
$facets.tracker_field_projectCurrentStatus.options.orderedmassproduction)}
  <td>{($c) ? $c : 0}</td>
</tr>

```

Finally the JavaScript Bit

```
$(document).ready( function() {
  // set up month selector dropdown
  $("#daterange-presets").change(function () {
    var val = $(this).val(),
        $from = $("#date_from_dptxt"),
        $to = $("#date_to_dptxt"),
        now = new Date(),
        year = now.getFullYear();

    if (val === "year") {
      $from.datepicker("setDate", "1/05/" + year).change();
      $to.datepicker("setDate", now).change();
    } else {
      val = parseInt(val);

      $from.datepicker("setDate", "1/" + val + "/" + year).change();
      if (val === 12) {
        val = 0;
        year++;
      }
      $to.datepicker("setDate", "1/" + (val + 1) + "/" + year).change();
    }
    $("#table#wpcs-0").find("th:first-child").trigger("sort");
    $csForm.submit();
  });
});
```