

# MySQL

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  - a.
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Bean Shell

1.

2SQL ChartMySQL2

2.

Generator 2SQL Chart

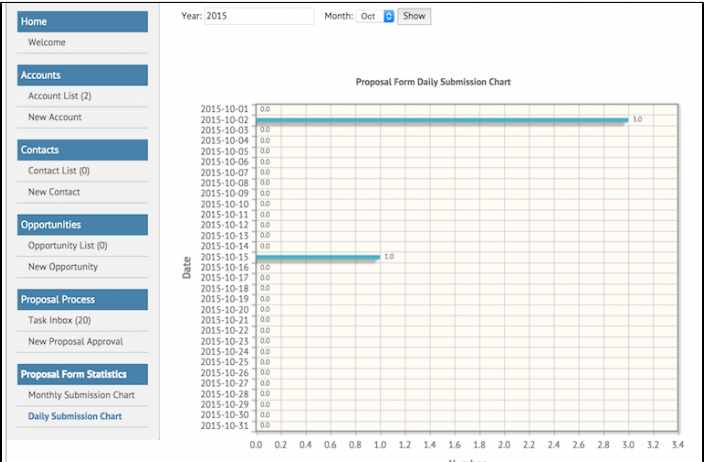
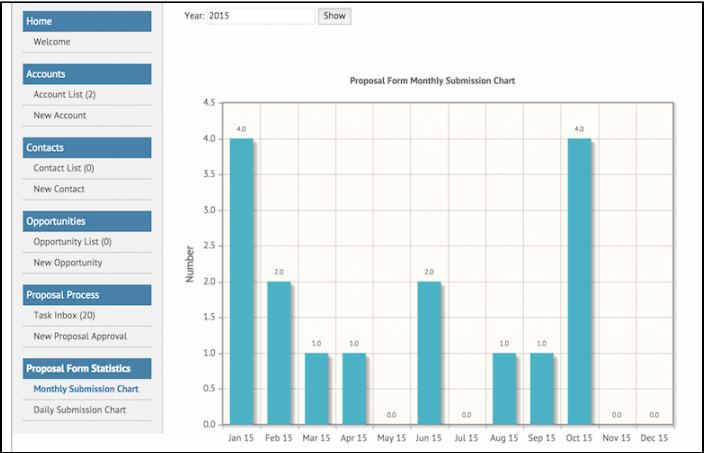
3.

2SQLGenerator

- 1. Userview ID2SQL
- 2. `u u u u u`

4.

2 SQL Chart



5./ API

2SQL2SQL Chart:JSONUserview Builder“ADVANCEDJSON Definition”

## Proposal Form Statistics

Drop menu item here

Monthly Submission Chart

Daily Submission Chart

Powered by Joget

### ADVANCED: JSON Definition

```
List", "datalistId": "crm_account_list", "rowCount": "true", "buttonPosition": "bottomLeft", "checkboxPosition": "left", "customHeader": "", "customFooter": "", "keyName": ""}, {"className": "org.joget.apps.userview.lib.FormMenu", "properties": {"id": "account_form", "customId": "account_new", "label": "New Account", "formId": "crm_account", "showInPopupDialog": "", "readonly": "", "messageShowAfterComplete": "Account Updated", "redirectUriAfterComplete": "account_list", "redirectUriOnCancel": "account_list", "fieldPassover": "", "fieldPassoverMethod": "append", "paramName": "", "submitButtonLabel": "", "cancelButtonLabel": "", "customHeader": "", "customFooter": "", "keyName": "", "loadDataWithKey": ""}}, {"permission":
```

Update

JSON2SQLMySQL

```
{
  "className": "org.joget.apps.userview.model.UserviewCategory",
  "properties": {
    "id": "category-8722A52FFBB64D058E2CD41174922807",
    "label": "Proposal Form Statistics"
  },
  "menus": [{
    "className": "org.joget.plugin.enterprise.SqlChartMenu",
    "properties": {
      "id": "807F165BFA9C4BB589E5B52E4C071250",
      "customId": "crm_proposal_monthly",
      "label": "Monthly Submission Chart",
      "chartType": "bar",
      "title": "Proposal Form Monthly Submission Chart",
      "categoryAxisLabel": "Month",
      "xAxisDisplayAS": "",
      "valueAxisLabel": "Number",
      "yaxisPrefix": "",
      "showLegend": "",
      "showValueLabel": "true",
      "stack": "",
      "horizontal": "",
      "chartWidth": "100%",
      "chartHeight": "80%",
      "colors": "",
      "query": "SELECT DATE_FORMAT(STR_TO_DATE(m.monthYear, '%c-%Y'), '%b %Y') as monthYear, COUNT(fd.dateCreated) AS 'Number'\nFROM (\n  SELECT my.month, CONCAT(my.month, '-', IF(('#requestParam.year?sql#' REGEXP '^[0-9]{4}$'), '#requestParam.year?sql#', '#date.yyyy?sql#')) AS monthYear FROM (\n    SELECT 1 AS month UNION SELECT 2 UNION SELECT 3 UNION SELECT 4 UNION SELECT 5 UNION SELECT 6 UNION SELECT 7 UNION SELECT 8 UNION SELECT 9 UNION SELECT 10 UNION SELECT 11 UNION SELECT 12\n  ) my\n) m\nLEFT JOIN (\n  select dateCreated FROM app_fd_crm_proposal\n) fd\nON m.monthYear=DATE_FORMAT(fd.dateCreated, '%c-%Y')\nGROUP BY
```

```

monthYear\nORDER BY m.month",
    "customHeader": "<div class=\"filter\">\n    <form action=\"?\" method=\"GET\">\n
<label>Year: </label><input name=\"year\" value=\"#requestParam.year?html#\"/>\n    <input type=\"
submit\" value=\"Show\"/>\n    </form>\n</div>\n<script>\n    $(function(){\n        if ($('#\"[name='year']
\").val() == \"\") {\n            $('#\"[name='year']\").val($('#date.yyyy#\"));\n        }\n    });\n</
/script>\n<br/>\n<br/>\n    ",
    "customFooter": "",
    "datasource": "default",
    "keyName": ""
}
}, {
    "className": "org.joget.plugin.enterprise.SqlChartMenu",
    "properties": {
        "id": "39E2163319D84FD693D164D92FA93C06",
        "customId": "crm_proposal_daily",
        "label": "Daily Submission Chart",
        "chartType": "bar",
        "title": "Proposal Form Daily Submission Chart",
        "categoryAxisLabel": "Date",
        "xAxisDisplayAS": "",
        "valueAxisLabel": "Number",
        "yaxisPrefix": "",
        "showLegend": "",
        "showValueLabel": "true",
        "stack": "",
        "horizontal": "true",
        "chartWidth": "100%",
        "chartHeight": "80%",
        "colors": "",
        "query": "SELECT d.date_field, COUNT(fd.dateCreated) AS 'Number'\nFROM\n(\n    SELECT\nMAKEDATE(IF(('#requestParam.year?sql#' REGEXP '^[0-9]{4}$'), '#requestParam.year?sql#' , '#date.yyyy?sql#'),1)
+\n    INTERVAL (IF(('#requestParam.month?sql#' REGEXP '^[0-9]{2}$'), '#requestParam.month?sql#' , '#date.
MM?sql#') -1) MONTH +\n    INTERVAL daynum DAY date_field\n    FROM\n        (\n            SELECT t*10+u
daynum\n            FROM\n                (SELECT 0 t UNION SELECT 1 UNION SELECT 2 UNION SELECT 3) A,\n        (SELECT 0 u UNION SELECT 1 UNION SELECT 2 UNION SELECT 3\n            UNION SELECT 4 UNION SELECT 5 UNION
SELECT 6 UNION SELECT 7\n            UNION SELECT 8 UNION SELECT 9) B\n        ORDER BY daynum\n        ) AA\n)d\nLEFT JOIN\n(\n    \n    t select dateCreated FROM app_fd_crm_proposal\n) fd\nON d.date_field=DATE_FORMAT(fd.
dateCreated,'%Y-%m-%d')\nWHERE DATE_FORMAT(d.date_field,'%m') = IF(('#requestParam.month?sql#' REGEXP '^[0-9]
{2}$'), '#requestParam.month?sql#' , '#date.MM?sql#')\nGROUP BY d.date_field\nORDER BY d.date_field desc",
        "customHeader": "<div class=\"filter\">\n    <form action=\"?\" method=\"GET\">\n
<label>Year: </label><input name=\"year\" value=\"#requestParam.year?html#\"/>\n    <input type=\"text\" value=\"\"/>\n
<label>Month: </label><select name=\"month\"/>\n    <option value=\"01\">Jan</option>\n
<option value=\"02\">Feb</option>\n    <option value=\"03\">Mar</option>\n    <option value=\"
04\">Apr</option>\n    <option value=\"05\">May</option>\n    <option value=\"06\">Jun</
option>\n    <option value=\"07\">Jul</option>\n    <option value=\"08\">Aug</
option>\n    <option value=\"09\">Sep</option>\n    <option value=\"10\">Oct</
option>\n    <option value=\"11\">Nov</option>\n    <option value=\"12\">Dec</
option>\n    </select>\n    <input type=\"submit\" value=\"Show\"/>\n    </form>\n</div>\n<script>\n    $(function(){\n        if ($('#\"[name='year']\").val() == \"\") {\n            $('#\"
[name='year']\").val($('#date.yyyy#\"));\n        }\n        if ($('#\"[name='month']\").val() != \"#requestParam.
month?javascript#\" \n            && '#requestParam.month?javascript#' != \"\" \n            && $('#\"
[name='month'] option[value='#requestParam.month?javascript#']\").length > 0 ) {\n            $('#\"[name='month']
\").val('#requestParam.month?javascript#');\n        } else {\n            $('#\"[name='month']\").val($('#date.
MM#\"));\n        }\n    });\n</script>\n<br/>\n<br/>\n    ",
        "customFooter": "",
        "datasource": "default",
        "keyName": ""
    }
}
}
}

```

```
- Home
- joget
  - plugins
  - jw-community
    -5.0.0
```

"plugins" "jw-community" Joget Workflow

"plugins" maven

```
cd joget/plugins/
~/joget/jw-community/5.0.0/wflow-plugin-archetype/create-plugin.sh org.joget.tutorial
form_submission_statistics_generator 5.0.0
```

shellmaven

```
Define value for property 'version': 1.0-SNAPSHOT: : 5.0.0
[INFO] Using property: package = org.joget.tutorial
Confirm properties configuration:
groupId: org.joget.tutorial
artifactId: form_submission_statistics_generator
version: 5.0.0
package: org.joget.tutorial
Y: : y
```

"BUILD SUCCESS" "plugins" "form\_submission\_statistics\_generator"

IDE maven [NetBeans](#)

7. !

**a.**

"org.joget.tutorial" "FormSubmissionStatisticsGenerator" [org.joget.apps.generator.model.GeneratorPlugin](#) [Generator](#)

**b.**

AppPluginUtil.getMessage18nMESSAGE\_PATH

#### Implementation of all basic abstract methods

```
package org.joget.tutorial;
import org.joget.apps.app.service.AppPluginUtil;
import org.joget.apps.app.service.AppUtil;
import org.joget.apps.generator.model.GeneratorPlugin;
import org.joget.apps.generator.model.GeneratorResult;
public class FormSubmissionStatisticsGenerator extends GeneratorPlugin {

    private final static String MESSAGE_PATH = "messages/FormSubmissionStatisticsGenerator";

    public String getName() {
        return "File Link Datalist Formatter";
    }

    public String getVersion() {
        return "5.0.0";
    }

    public String getClassName() {
        return getClass().getName();
    }

    public String getLabel() {
        //support i18n
        return AppPluginUtil.getMessage("org.joget.tutorial.FormSubmissionStatisticsGenerator.pluginLabel",
        getClassName(), MESSAGE_PATH);
    }

    public String getDescription() {
        //support i18n
        return AppPluginUtil.getMessage("org.joget.tutorial.FormSubmissionStatisticsGenerator.pluginDesc",
        getClassName(), MESSAGE_PATH);
    }

    public String getPropertyOptions() {
        return AppUtil.readPluginResource(getClassName(), "/properties/formSubmissionStatisticsGenerator.json",
        null, true, MESSAGE_PATH);
    }

    @Override
    public String getExplanation() {
        //support i18n
        return AppPluginUtil.getMessage("generator.formSubmissionStatistics.explanation", getClassName(),
        MESSAGE_PATH);
    }

    @Override
    public GeneratorResult generate() {
        throw new UnsupportedOperationException("Not supported yet.");
    }
}
```

UigetPropertyOptions "/properties/formSubmissionStatisticsGenerator.json""form\_submission\_statistics\_generator / src / main""resources / properties""properties""formSubmissionStatisticsGenerator.json"

"@@ message.key @@"i18n

```
[{
  title : '@@generator.formSubmissionStatistics.config@@',
  properties : [
    {
      name : 'userviewId',
      label : '@@generator.formSubmissionStatistics.userview@@',
      type : 'selectbox',
      value: '[default_userviewId]',
      options_ajax : '[CONTEXT_PATH]/web/json/console/app[APP_PATH]/userview/options'
    }
  ]
},
{
  title : '@@generator.formSubmissionStatistics.advanced@@',
```

```

properties : [
{
  label : '@@generator.formSubmissionStatistics.label.options@@',
  type : 'header'
},
{
  name : 'monthlyChartTitle',
  label : '@@generator.formSubmissionStatistics.monthlyChartTitle@@',
  type : 'textfield',
  required : 'true',
  value : '@@generator.formSubmissionStatistics.monthlyChartTitle.value@@'
},
{
  name : 'monthlyXAxisLabel',
  label : '@@generator.formSubmissionStatistics.monthlyXAxisLabel@@',
  type : 'textfield',
  required : 'true',
  value : '@@generator.formSubmissionStatistics.monthlyXAxisLabel.value@@'
},
{
  name : 'dailyChartTitle',
  label : '@@generator.formSubmissionStatistics.dailyChartTitle@@',
  type : 'textfield',
  required : 'true',
  value : '@@generator.formSubmissionStatistics.dailyChartTitle.value@@'
},
{
  name : 'dailyXAxisLabel',
  label : '@@generator.formSubmissionStatistics.dailyXAxisLabel@@',
  type : 'textfield',
  required : 'true',
  value : '@@generator.formSubmissionStatistics.dailyXAxisLabel.value@@'
},
{
  name : 'yAxisLabel',
  label : '@@generator.formSubmissionStatistics.yAxisLabel@@',
  type : 'textfield',
  required : 'true',
  value : '@@generator.formSubmissionStatistics.yAxisLabel.value@@'
},
{
  name : 'yearLabel',
  label : '@@generator.formSubmissionStatistics.yearLabel@@',
  type : 'textfield',
  required : 'true',
  value : '@@generator.formSubmissionStatistics.yearLabel.value@@'
},
{
  name : 'monthLabel',
  label : '@@generator.formSubmissionStatistics.monthLabel@@',
  type : 'textfield',
  required : 'true',
  value : '@@generator.formSubmissionStatistics.monthLabel.value@@'
},
{
  name : 'showLabel',
  label : '@@generator.formSubmissionStatistics.showLabel@@',
  type : 'textfield',
  required : 'true',
  value : '@@generator.formSubmissionStatistics.showLabel.value@@'
},
{
  label : '@@generator.formSubmissionStatistics.useriewMenu.options@@',
  type : 'header'
},
{
  name : 'categoryLabel',
  label : '@@generator.formSubmissionStatistics.categoryLabel@@',
  type : 'textfield',
  required : 'true',
  value : '@@generator.formSubmissionStatistics.categoryLabel.value@@'
}
]

```

```

    },
    {
        name : 'monthlyMenuId',
        label : '@@generator.formSubmissionStatistics.monthlyMenuId@@',
        type : 'textfield',
        required : 'true',
        regex_validation : '^[a-zA-Z0-9_]+$',
        validation_message : '@@generator.formSubmissionStatistics.menuId.invalidId@@',
        value : '[formId]_monthly'
    },
    {
        name : 'monthlyMenuLabel',
        label : '@@generator.formSubmissionStatistics.monthlyMenuLabel@@',
        type : 'textfield',
        required : 'true',
        value : '@@generator.formSubmissionStatistics.monthlyMenuLabel.value@@'
    },
    {
        name : 'dailyMenuId',
        label : '@@generator.formSubmissionStatistics.dailyMenuId@@',
        type : 'textfield',
        required : 'true',
        regex_validation : '^[a-zA-Z0-9_]+$',
        validation_message : '@@generator.formSubmissionStatistics.menuId.invalidId@@',
        value : '[formId]_daily'
    },
    {
        name : 'dailyMenuLabel',
        label : '@@generator.formSubmissionStatistics.dailyMenuLabel@@',
        type : 'textfield',
        required : 'true',
        value : '@@generator.formSubmissionStatistics.dailyMenuLabel.value@@'
    },
    {
        label : '@@generator.formSubmissionStatistics.createUserViewOptions@@',
        type : 'header',
        control_field: 'userviewId',
        control_value: '',
        control_use_regex: 'false',
    },
    {
        name : 'userviewNewId',
        label : '@@generator.formSubmissionStatistics.userview.id@@',
        type : 'textfield',
        required : 'true',
        value : '@@generator.formSubmissionStatistics.userview.id.value@@',
        regex_validation : '^[a-zA-Z0-9_]+$',
        validation_message : '@@generator.formSubmissionStatistics.userview.id.invalidId@@',
        control_field: 'userviewId',
        control_value: '',
        control_use_regex: 'false'
    },
    {
        name : 'userviewName',
        label : '@@generator.formSubmissionStatistics.userview.name@@',
        type : 'textfield',
        required : 'true',
        value : '@@generator.formSubmissionStatistics.userview.name.value@@',
        control_field: 'userviewId',
        control_value: '',
        control_use_regex: 'false'
    },
    {
        name : 'userviewDesc',
        label : '@@generator.formSubmissionStatistics.userview.description@@',
        type : 'textarea',
        rows : "3",
        control_field: 'userviewId',
        control_value: '',
        control_use_regex: 'false'
    }
}
]

```



```
}]
```

```
"userviewId"[default_userviewId]"[formName]"[formId]"getPropertyOptions
```

```
public String getPropertyOptions() {
    String options = AppUtil.readPluginResource(getClassName(), "/properties
/formSubmissionStatisticsGenerator.json", null, true, MESSAGE_PATH);

    //populate value like [formName] and [formId]
    options = GeneratorUtil.populateFormMeta(options, getFormId(), getAppDefinition());

    //populate value of [default_userviewId]
    options = options.replace("[default_userviewId]", GeneratorUtil.getFirstAvailableUserviewId
(getAppDefinition()));

    return options;
}
```

format

```
@Override
public GeneratorResult generate() {
    GeneratorResult result = new GeneratorResult();
    AppDefinition appDef = getAppDefinition();

    try {
        //get userview
        UserviewDefinitionDao userviewDefinitionDao = (UserviewDefinitionDao) AppUtil.
getApplicationContext().getBean("userviewDefinitionDao");
        UserviewDefinition userviewDef = null;
        String json = null;
        String userviewId = getPropertyString("userviewId");
        String userviewName;
        String userviewDesc;
        if (userviewId != null && !userviewId.isEmpty()) {
            userviewDef = userviewDefinitionDao.loadById(userviewId, appDef);
        }
        if (userviewDef != null) {
            userviewName = userviewDef.getName();
            userviewDesc = userviewDef.getDescription();
            json = userviewDef.getJson();
        } else {
            userviewId = getPropertyString("userviewNewId");
            int count = 0;
            while (isExist(userviewId, userviewDefinitionDao)) {
                count++;
                userviewId = userviewId + count;
            }
            userviewName = getPropertyString("userviewName");
            userviewDesc = getPropertyString("userviewDesc");
        }
        if (json == null || json.isEmpty()) {
            //create a new userview json
            json = GeneratorUtil.createNewUserviewJson(userviewId, userviewName, userviewDesc);
        }

        //add the category json to userview json
        json = GeneratorUtil.addCategoryJsonToUserviewJson(getCategoryJson(appDef), json);

        //Store the userview json
        if (userviewDef != null) {
            userviewDef.setJson(json);
            userviewDefinitionDao.update(userviewDef);
        } else {
            userviewDef = new UserviewDefinition();
            userviewDef.setJson(json);
        }
    }
}
```

```

        userviewDef.setId(userviewId);
        userviewDef.setName(userviewName);
        userviewDef.setAppDefinition(appDef);
        userviewDefinitionDao.add(userviewDef);

        //Set current published version
        final AppDefinition currentAppDef = appDef;
        TransactionTemplate transactionTemplate = (TransactionTemplate)AppUtil.getApplicationContext().
getBean("transactionTemplate");
        transactionTemplate.execute(new TransactionCallback<Object>() {
            public Object doInTransaction(TransactionStatus ts) {
                AppService appService = (AppService)AppUtil.getApplicationContext().getBean
("appService");
                appService.publishApp(currentAppDef.getId(), currentAppDef.getVersion().toString());
                return null;
            }
        });
    }

    //show message to continue edit
    String editLink = WorkflowUtil.getHttpServletRequest().getContextPath() + "/web/console/app/"
+appDef.getAppId()+"/"+appDef.getVersion()+"/userview/builder/"+userviewId;
    String msg = AppPluginUtil.getMessage("generator.formSubmissionStatistics.msg.success",
getClassName(), MESSAGE_PATH);
    msg = msg.replace("[url]", editLink);

    result.setMessage(msg);
} catch (Exception e) {
    result.setError(true);
    result.setMessage(AppPluginUtil.getMessage("generator.formSubmissionStatistics.msg.error",
getClassName(), MESSAGE_PATH));
    LogUtil.error(getClassName(), e, "Not able to generate the menus");
}

return result;
}

/**
 * Retrieves the category JSON definition
 * @param appDef
 * @return
 */
protected String getCategoryJson(AppDefinition appDef) {
    Collection<String> args = new ArrayList<String>();

    AppService appService = (AppService)AppUtil.getApplicationContext().getBean("appService");
    String tabelName = appService.getFormTableName(appDef, getFormId());

    args.add(UuidGenerator.getInstance().getUuid()); //category id
    args.add(StringUtil.escapeString(getPropertyString("categoryLabel"), StringUtil.TYPE_JSON, null));
//category label
    args.add(UuidGenerator.getInstance().getUuid()); //monthly menu uuid
    args.add(StringUtil.escapeString(getPropertyString("monthlyMenuId"), StringUtil.TYPE_JSON, null));
//monthly menu custom id
    args.add(StringUtil.escapeString(getPropertyString("monthlyMenuLabel"), StringUtil.TYPE_JSON, null));
//monthly menu label
    args.add(StringUtil.escapeString(getPropertyString("monthlyChartTitle"), StringUtil.TYPE_JSON, null));
//monthly chart title
    args.add(StringUtil.escapeString(getPropertyString("monthlyXAxisLabel"), StringUtil.TYPE_JSON, null));
//monthly x-axis label
    args.add(StringUtil.escapeString(getPropertyString("yAxisLabel"), StringUtil.TYPE_JSON, null));
//monthly y-axis label
    args.add(StringUtil.escapeString(tabelName, StringUtil.TYPE_JSON, null)); //monthly form table name
    args.add(StringUtil.escapeString(getPropertyString("yearLabel"), StringUtil.TYPE_JSON, null));
//monthly year label
    args.add(StringUtil.escapeString(getPropertyString("showLabel"), StringUtil.TYPE_JSON, null));
//monthly show button label
    args.add(UuidGenerator.getInstance().getUuid()); //daily menu uuid
    args.add(StringUtil.escapeString(getPropertyString("dailyMenuId"), StringUtil.TYPE_JSON, null));
//daily menu custom id
    args.add(StringUtil.escapeString(getPropertyString("dailyMenuLabel"), StringUtil.TYPE_JSON, null));

```

```

//daily menu label
    args.add(StringUtil.escapeString(getPropertyString("dailyChartTitle"), StringUtil.TYPE_JSON, null));
//daily chart title
    args.add(StringUtil.escapeString(getPropertyString("dailyXAxisLabel"), StringUtil.TYPE_JSON, null));
//daily x-axis label
    args.add(StringUtil.escapeString(getPropertyString("yAxisLabel"), StringUtil.TYPE_JSON, null)); //daily
y-axis label
    args.add(StringUtil.escapeString(tabelName, StringUtil.TYPE_JSON, null)); //daily form table name
    args.add(StringUtil.escapeString(getPropertyString("yearLabel"), StringUtil.TYPE_JSON, null)); //daily
year label
    args.add(StringUtil.escapeString(getPropertyString("monthLabel"), StringUtil.TYPE_JSON, null)); //daily
month label
    args.add(StringUtil.escapeString(getPropertyString("showLabel"), StringUtil.TYPE_JSON, null)); //daily
show button label

    String json = AppUtil.readPluginResource(getClass().getName(), "/resources/category.json", args.
toArray(), true, null);

    return json;
}

/**
 * Checks for a userview is already exist
 * @param id
 * @param userviewDefinitionDao
 * @return
 */
protected boolean isExist(String id, UserviewDefinitionDao userviewDefinitionDao) {
    Long count = userviewDefinitionDao.count("AND id = ?", new String[]{id}, getAppDefinition());
    return count > 0;
}

```

getCategoryJsonJSON"/resources/category.json""form\_submission\_statistics\_generator / src / main""resources / resources""resources""category.json"JSONString.formatAppUtil.readPluginResource""""%

```

{
    "className": "org.joget.apps.userview.model.UserviewCategory",
    "properties": {
        "id": "category-%s",
        "label": "%s"
    },
    "menus": [{
        "className": "org.joget.plugin.enterprise.SqlChartMenu",
        "properties": {
            "id": "%s",
            "customId": "%s",
            "label": "%s",
            "chartType": "bar",
            "title": "%s",
            "categoryAxisLabel": "%s",
            "xAxisDisplayAS": "",
            "valueAxisLabel": "%s",
            "yaxisPrefix": "",
            "showLegend": "",
            "showValueLabel": "true",
            "stack": "",
            "horizontal": "",
            "chartWidth": "100%",
            "chartHeight": "80%",
            "colors": "",
            "query": "SELECT DATE_FORMAT(STR_TO_DATE(m.monthYear, '%%c-%%Y'),'%%b %%y') as monthYear, COUNT(fd.
dateCreated) AS 'Number'\nFROM \n(\n    SELECT my.month, CONCAT(my.month, '-', IF(('#requestParam.year?sql#'
REGEXP '[0-9]{4}$'), '#requestParam.year?sql#' , '#date.yyyy?sql#')) AS monthYear FROM (\n        SELECT 1 AS
month UNION SELECT 2 UNION SELECT 3 UNION SELECT 4 UNION SELECT 5 UNION SELECT 6 UNION SELECT 7 UNION SELECT 8
UNION SELECT 9 UNION SELECT 10 UNION SELECT 11 UNION SELECT 12\n    ) my\n) m\nLEFT JOIN \n(\n\t select
dateCreated FROM app_fd_%s\n) fd\nON m.monthYear=DATE_FORMAT(fd.dateCreated, '%%c-%%Y')\n\ngROUP BY
monthYear\n\nORDER BY m.month",
            "customHeader": "<div class=\"filter\">\n        <form action=\"?\" method=\"GET\">\n            <label>%s:
</label><input name=\"year\" value=\"\n#requestParam.year?html#\n\"/>\n            <input type=\"submit\" value=\"\n%s\"
\>\n        </form>\n</div>\n<script>\n            $(function(){\n                if ($('#\"[name='year']\").val() === \"\")

```



#### d. (i18n)

getLabelgetDescriptioni18ni18n

"form\_submission\_statistics\_generator / src / main" "resources / messages" "FormSubmissionStatisticsGenerator.properties"

```
org.joget.tutorial.FormSubmissionStatisticsGenerator.pluginLabel=Generate Form Submission Statistics
org.joget.tutorial.FormSubmissionStatisticsGenerator.pluginDesc=Generate 2 SQL Chart Menus for form submission
statistics
generator.formSubmissionStatistics.explanation=Create 2 SQL Chart Menus based on the current form for
submission statistics. Note: This is dependent for MySQL database.
generator.formSubmissionStatistics.config=Options
generator.formSubmissionStatistics.userview=Userview
generator.formSubmissionStatistics.advanced=Advanced
generator.formSubmissionStatistics.label.options=Label Options
generator.formSubmissionStatistics.categoryLabel=Category Label
generator.formSubmissionStatistics.categoryLabel.value=[formName] Statistics
generator.formSubmissionStatistics.menuId.invalidId=Only alpha-numeric and underscore characters allowed
generator.formSubmissionStatistics.monthlyMenuId=Monthly Menu id
generator.formSubmissionStatistics.monthlyMenuLabel=Montly Menu Label
generator.formSubmissionStatistics.monthlyMenuLabel.value=Monthly Submission Chart
generator.formSubmissionStatistics.monthlyChartTitle=Montly Chart Title
generator.formSubmissionStatistics.monthlyChartTitle.value=[formName] Monthly Submission Chart
generator.formSubmissionStatistics.monthlyXAxisLabel=Montly X-axis Label
generator.formSubmissionStatistics.monthlyXAxisLabel.value=Month
generator.formSubmissionStatistics.dailyMenuId=Daily Menu Id
generator.formSubmissionStatistics.dailyMenuLabel=Daily Menu Label
generator.formSubmissionStatistics.dailyMenuLabel.value=Daily Submission Chart
generator.formSubmissionStatistics.dailyChartTitle=Daily Chart Title
generator.formSubmissionStatistics.dailyChartTitle.value=[formName] Daily Submission Chart
generator.formSubmissionStatistics.dailyXAxisLabel=Daily X-axis Label
generator.formSubmissionStatistics.dailyXAxisLabel.value=Date
generator.formSubmissionStatistics.yAxisLabel=Y-axis Label
generator.formSubmissionStatistics.yAxisLabel.value=Number
generator.formSubmissionStatistics.yearLabel=Year Label
generator.formSubmissionStatistics.yearLabel.value=Year
generator.formSubmissionStatistics.monthLabel=Month Label
generator.formSubmissionStatistics.monthLabel.value=Month
generator.formSubmissionStatistics.showLabel=Show Label
generator.formSubmissionStatistics.showLabel.value=Show
generator.formSubmissionStatistics.userviewMenu.options=Userview Label Options
generator.formSubmissionStatistics.createUserviewOptions=Create New Userview Options
generator.formSubmissionStatistics.userview.id=Userview ID
generator.formSubmissionStatistics.userview.id.value=v
generator.formSubmissionStatistics.userview.id.invalidId=Only alpha-numeric and underscore characters allowed
generator.formSubmissionStatistics.userview.name=Userview Name
generator.formSubmissionStatistics.userview.name.value=[appName]
generator.formSubmissionStatistics.userview.description=Userview Description
generator.formSubmissionStatistics.msg.success=Menus generated. Click <a href="[url]" target="_blank">here</a>
to continue edit in Userview Builder.
generator.formSubmissionStatistics.msg.error=Error during generating Form Submission Statistics Menus!
```

#### e. Felix

ActivatorFelix

```
public void start(BundleContext context) {
    registrationList = new ArrayList<ServiceRegistration>();
    //Register plugin here
    registrationList.add(context.registerService(FormSubmissionStatisticsGenerator.class.getName(), new
FormSubmissionStatisticsGenerator(), null));
}
```

#### f.

"form\_submission\_statistics\_generator / target" "form\_submission\_statistics\_generator-5.0.0.jar"

Filter by Type Generator

<input type="checkbox"/>	Plugin Name	Plugin Description	Plugin Version
<input type="checkbox"/>	Generate Process - Approval Process	Used to generate a Approval Process and its associated for	5.0.0
<input type="checkbox"/>	Generate CRUD	Used to generate a CRUD userview menu	5.0.0
<input type="checkbox"/>	Generate Datalist	Used to generate a Datalist	5.0.0
<input type="checkbox"/>	Generate Form Submission Statistics	Generate 2 SQL Chart Menus for form submission statistics	5.0.0

Form BuilderForm Builder"Generate App"

App Generator

Generators:

☐

Generate Datalist

More Info

Advanced Generation

☐

Generate CRUD

More Info

Advanced Generation

☒

Generate Form Submission Statistics

More Info

Advanced Generation

☐

Generate Process - Approval Process

More Info

Advanced Generation

Generate

Generate Form Submission Statistics

Options

Options > Advanced

Userview

CRM: Sales Force Automation

< Prev

Next >

Generate

Cancel

Generate Form Submission Statistics

Advanced

Options > Advanced

Label Options

Monthly Chart Title \*

Monthly X-axis Label \*

Daily Chart Title \*

Daily X-axis Label \*

Y-axis Label \*

Year Label \*

Month Label \*

Show Label \*

Proposal Form Monthly Submission Chart

Month

Proposal Form Daily Submission Chart

Date

Number

Year

Month

Show

Userview Label Options

Category Label \*

Monthly Menu id \*

Monthly Menu Label \*

Proposal Form Statistics

crm\_proposal\_form\_monthly

Monthly Submission Chart

< Prev

Next >

Generate

Cancel

## App Generator



Generation completed.

Menus generated. Click [here](#) to continue edit in Userview Builder.

Generate More

Close

### Proposal Form Statistics

*Drop menu item here*

Monthly Submission Chart

Daily Submission Chart

Powered by Joget

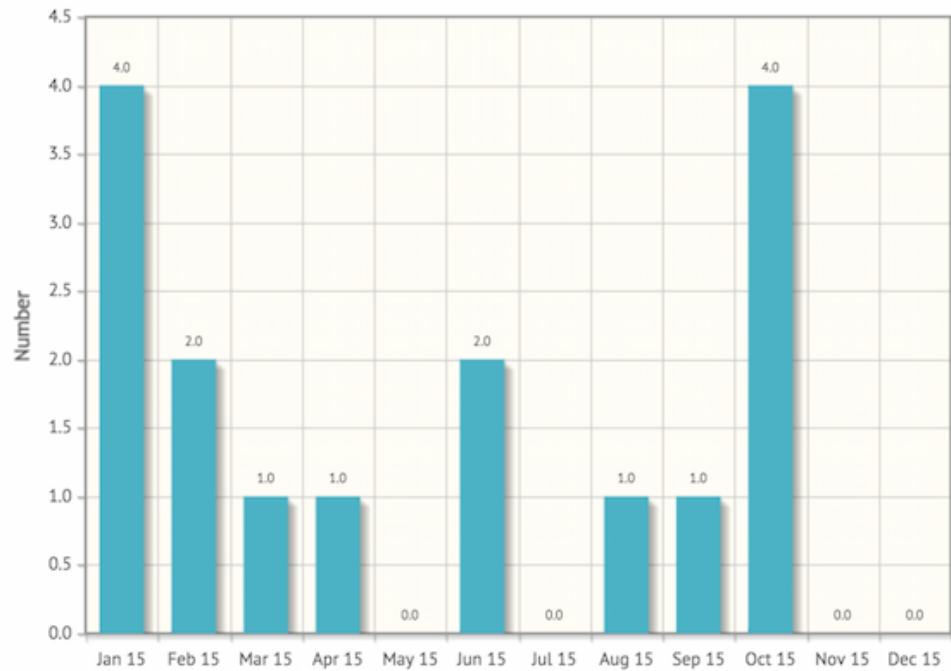


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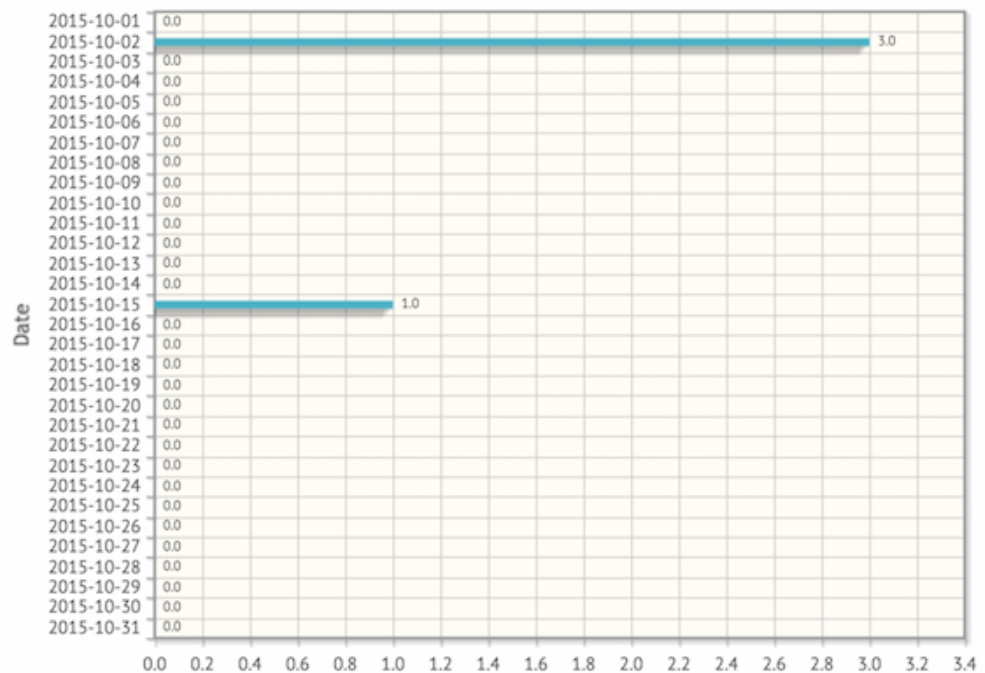
Proposal Form Monthly Submission Chart

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Month: Oct [Show](#)

Proposal Form Daily Submission Chart



8.

[form\\_submission\\_statistics\\_generator.zip](#)

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