Add Save as Draft feature to Run Process activity form

Form

1. Add a **Hidden Field** to the first form, set the **ID** to "id" and add in the following value into **Default Value**. The first form meant here is the one that it mapped to the **Run Process** entity in the process activity mapping.

```
#requestParam.recordId#
```

This is so that, if there's existing record being loaded, when the new process instance is created, the process instance will refer to this very record subsequently.

2. In the same form, create a new section, leave it empty. Edit the section, set the **Load Binder** to **Bean Shell Form Binder**. Insert the following code into it.

```
import org.joget.apps.form.lib.SaveAsDraftButton;
import org.joget.apps.form.lib.CustomHTML;
import org.joget.apps.form.model.Column;
import org.joget.apps.form.model.Element;
import org.joget.apps.form.model.FormAction;
import org.joget.apps.form.model.FormData;
import org.joget.apps.form.model.Section;
import org.joget.apps.form.service.FormUtil;
import java.util.ArrayList;
import java.util.Collection;
Collection formActions = new ArrayList();
String saveButtonLabel = "Save As Draft";
Element saveButton = new SaveAsDraftButton();
saveButton.setProperty(FormUtil.PROPERTY_ID, "saveAsDraft");
saveButton.setProperty("label", saveButtonLabel);
formActions.add(saveButton);
Section section = element;
ArrayList columns = (ArrayList) section.getChildren();
Column column = columns.get(0);
column.setProperty("horizontal", "true");
column.setChildren(formActions);
//add a custom html to fix the layout issue
Element html = new CustomHTML();
String script = "<script>$(document).ready(function(){";
script += "$(\"#"+section.getPropertyString("id")+"\").find(\".form-cell\").prependTo(\"#section-actions
.form-column\");";
script += "$(\"#"+section.getPropertyString("id")+"\").remove();";
script += "});</script>";
html.setProperty("id", "button_layout_fixes");
html.setProperty("label", "");
html.setProperty("value", script);
formActions.add(html);
return null;
```

Userview

1. In the Userview, add a **Run Process**, name the **Custom ID** to something meaningful, e.g. "**startApplication**". Set the label appropriately, e.g. "**Start Application**".

> (i) **Why are we doing this?**
>
> This is so that user can start a new process instance.

2. Add a **List/CRUD** into the Userview, edit the list in Datalist Builder, add in a **Hyperlink** action. Set the label appropriately, e.g. "**Application Draft**".
   a. Set **Hyperlink** to "**startApplication**" (the same value that we set in **Custom ID** in Step 1 earlier).
   b. In Hyperlink Parameters, add a new row - **parameter name** as "**recordId**", column name as "**id**".
   c. Set the label to "**Edit**".

> (i) **Why are we doing this?**
>
> This is so that user can access the drafts applications that they have already started.

(i)

> ℹ️ **What's next?**
>
> The list may be showing all the drafts started by all other users. You may want to edit the list in **Datalist Builder** to only show entries from the person that initiated it. See Advanced Form Data Binder on how to filter the list.

Related Elements

- Hidden Field
- Run Process Menu
- List
- CRUD
- Hyperlink Action
- Bean Shell Form Binder