Flowable6.4 –

> Flowable6.4 –

Flowable

`org.flowable.image.impl.DefaultProcessDiagramGenerator`

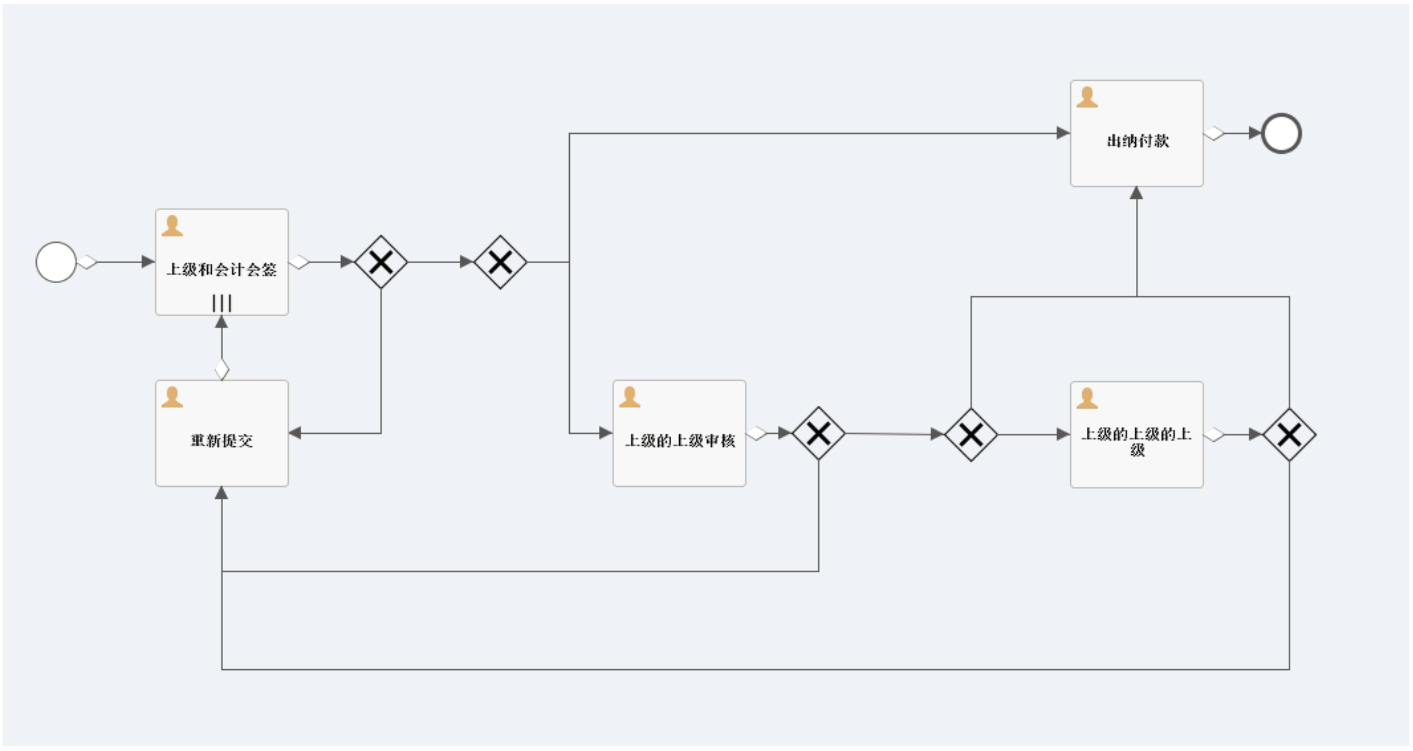
1. BpmnModel
2. BpmnModel
3.

   Flowable Api

```
/**
 * @param type      (png jpg)
 * @param modelId
 * @param response HttpServletResponse
 */
@ResponseBody
@RequestMapping(value = "diagram/{type}/{modelId}")
public void getJpgDiagram(@PathVariable(value = "type") String type,
                          @PathVariable(value = "modelId") String
modelId,
                          HttpServletResponse response) {
    try {
        // modelId  BpmnModel
        Model modelData = repositoryService.getModel(modelId);
        ExtBpmnJsonConverter jsonConverter = new ExtBpmnJsonConverter();
        byte[] modelEditorSource =
repositoryService.getModelEditorSource(modelData.getId());
        JsonNode editorNode = new ObjectMapper().readTree(modelEditorSource);
        BpmnModel bpmnModel = jsonConverter.convertToBpmnModel(editorNode);
        //
        DefaultProcessDiagramGenerator diagramGenerator = new
DefaultProcessDiagramGenerator();
        InputStream inputStream = diagramGenerator.generateDiagram(
                bpmnModel,
                type,
                Collections.emptyList(),
                Collections.emptyList(),
                "  ",
                "  ",
                "  ",
                null,
                1.0,
                false);
        //
        IOUtils.copy(inputStream, response.getOutputStream());
        response.setHeader("Content-Disposition", "attachment; filename=" +
bpmnModel.getMainProcess().getId() + "." + type);
        response.flushBuffer();
    } catch (Exception e) {
        e.printStackTrace();
    }
}
```

Configuration

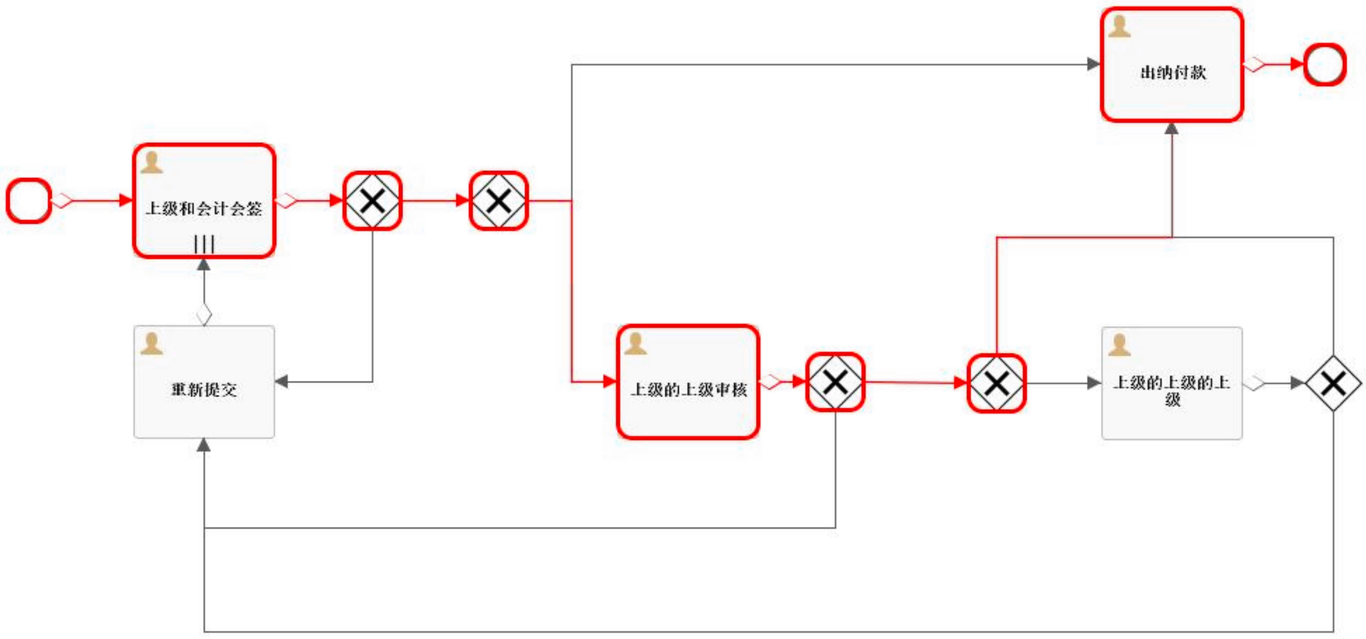
```
configuration.setActivityFontName("  ");
configuration.setLabelFontName("  ");
```



Sequence Flow diagramGenerator.generateDiagram emptyList

```
/**
 * @param type          (png jpg)
 * @param modelId
 * @param instId
 * @param response HttpServletResponse
 */
@ResponseBody
@RequestMapping(value = "acitvityDiagram/{type}/{modelId}/{instId}")
public void getJpgActivityDiagram(@PathVariable(value = "type") String
type,
                                  @PathVariable(value = "modelId") String
modelId,
                                  @PathVariable(value = "instId") String
instId,
                                  HttpServletResponse response) {
    //
    List<HistoricActivityInstance> activityInstances =
historyService.createHistoricActivityInstanceQuery().processInstanceId(instId).orderByHistoricAc
    List<String> activties = new ArrayList<>();
    List<String> flows = new ArrayList<>();
    for (HistoricActivityInstance activityInstance : activityInstances) {
        if ("sequenceFlow".equals(activityInstance.getActivityType())) {
            //
            flows.add(activityInstance.getActivityId());
        } else {
            //
            activties.add(activityInstance.getActivityId());
        }
    }

    try {
        //  modelId  BpmnModel
        Model modelData = repositoryService.getModel(modelId);
        ExtBpmnJsonConverter jsonConverter = new ExtBpmnJsonConverter();
        byte[] modelEditorSource =
repositoryService.getModelEditorSource(modelData.getId());
        JsonNode editorNode = new ObjectMapper().readTree(modelEditorSource);
        BpmnModel bpmnModel = jsonConverter.convertToBpmnModel(editorNode);
        //
DefaultProcessDiagramGenerator diagramGenerator = new
DefaultProcessDiagramGenerator();
        InputStream inputStream = diagramGenerator.generateDiagram(
                bpmnModel,
                type,
                activties,
                flows,
                "  ",
                "  ",
                "  ",
                null,
                1.0,
                false);
        //
        IOUtils.copy(inputStream, response.getOutputStream());
        response.setHeader("Content-Disposition", "attachment; filename=" +
bpmnModel.getMainProcess().getId() + "." + type);
        response.flushBuffer();
    } catch (Exception e) {
        e.printStackTrace();
    }
}
```



Revision #1
Created 30 July 2020 14:54:45 by
Updated 30 July 2020 14:56:35 by