

iConnect 136499- Enhance FL to support Rules that can drive Packages

Project Overview

Enhance FL to support Rules that can drive Packages.

Features/Requirements

In existing system, we have a rule node (setformstate) by which we can show/hide any specified form in an application. Currently we don't have any rule node by which we can show/hide whole package. This new enhancement supports this new functionality. Just like "setformstate/ setformstatebyname" node, we need to create new rule node "setpackagestatebyname" which can show/hide whole package in an application.

Use Cases / Workflow Changes

There are no changes to the normal workflow of the system. We are adding new rule node to help user to add package when application is in edit mode, based on rule.

Shared Changes

This project contains one/more changes in shared project.

- We need to add a new property "PackageName" in *FormItem* class so we can have package name with every form.
- We need to create a new rule node "setpackagestatebyname" to set state of package. Under this rule, we need to modify "IsExcluded" property of every form for specified package.

Admin

There will be no changes in admin. We need to add "setpackagestatebyname" in ruletag.js to support intellisense in rule editor window.

App Changes

We need to create new method "GetPackageName" in DBManager class to retrieve "form guid" & "package name" list for an application and used in EditApplicationModel class to set "package name" in "FormItem" list before passing it to ServerTriggerHandler, which can be used while executing "setpackagestatebyname" rule.

Integration Changes

There is no change in Integration Process.

UI Mock Ups

There is no change in UI in admin/app.

How to Enable and Use This Feature

To use this rule node first, we need to make sales agreement of that package for that product and jurisdiction.

Create a new rule in design form using **<setpackagestatebyname />**

```
< setpackagestatebyname name="PackageName">
```

```
<const value="true/false" />
```

```
</ setpackagestatebyname >
```

Note: When we use existing “setformstate/setformstatebyname” rule node on any form, we set this form as “Conditional” in package view so it will not show while creating new application/print application so it is recommended that when using “setpackagestatebyname” rule, we should set all forms to “Conditional” in specified package else forms with “Required/InputOnlyRequired/Optional” will show while creating new application/print application. If user specified incorrect package name in rule, nothing will happen else package will be show/hide accordingly.

Areas Impacted

System Area	Yes	Comment
Admin Tool		
- Form Library		
- Design Forms	Yes	There is not direct change in Design. New rule node will need to be added to the system to set form’s “isExcluded” property to add forms of a package in application at run time. Most of the changes will be implemented in Shared projects.
- Profile Administration		[List subsections affected]
- Reports		
- Deployment		
FireLight App		
- New Application		
- Edit Application	Yes	We need to set package name in FormItem list before passing it to ServerTriggerhandler.
- Signature Process		

- Review Queue		
- Manual Review		
- User Preferences		
- Inbound Integration		
- Outbound Integration		
- PDF Generation		
- Email System		
FireLight Console		
- Windows		
- iOS		
Other Systems		
- DTCC Integration		
- Commission Netting		
- Activity Reporting		