

iConnect 84044 Design Approach

Add read-only and visibility changes to the rules engine.

Workflow Changes

N/A

Features/Requirements

- New Nodes for setting and getting visibility
- New nodes for getting and setting read only
- Change edit application to make fields appear and disappear based on the visibility flag
- Change edit application to on rules updated respect the read only flag
- Change the PDF generation to respect the visibility flag.

Admin Changes

New nodes will be added to the rules designer to allow the read only and visibility

The new Rule nodes will follow the same syntax as setcontrolstate

They are named:

setvisibility

getvisibility

setvisibilityrange

setreadonly

getreadonly

setreadonlyrange

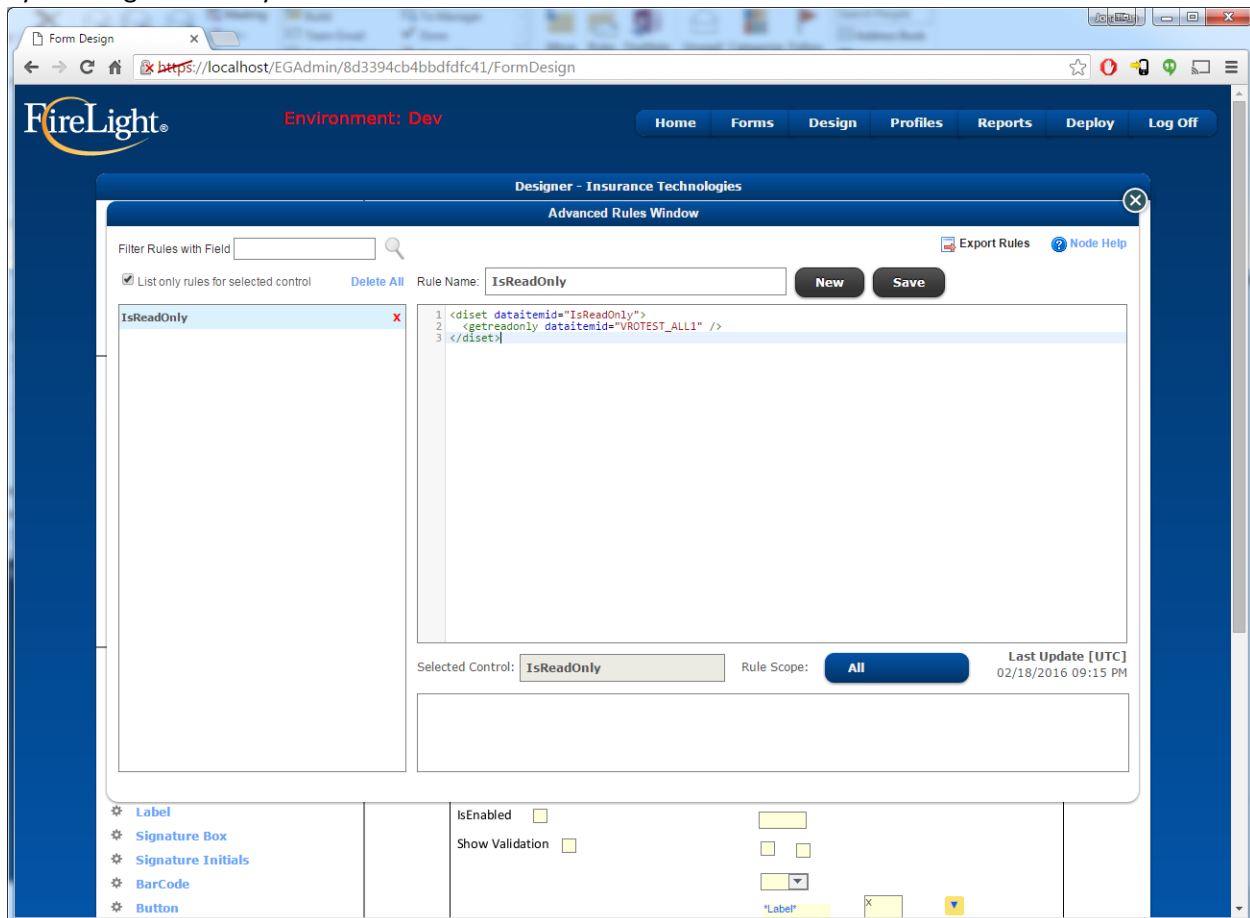
Fields that are set to read only will be read only regardless of the rules ran on it. If you want rules to control read only the field must be set to not read only.

App Changes

This will add new functionality that will let the rules manipulate the readonly and visible properties of an application.

UI Mock Ups

Syntax of get readonly:



Syntax of set visibility:

The screenshot shows the FireLight Designer interface for Insurance Technologies. The 'Advanced Rules Window' is open, displaying a rule named 'VisibilityTest1'. The rule's XML syntax is as follows:

```
1 <setvisibility dataitemid="VROTEST_ALL1">
2   <diget dataitemid="VROTEST_V" type="Boolean" failvalue="false" />
3 </setvisibility>
```

The 'Selected Control' is 'VROTEST_V' and the 'Rule Scope' is 'All'. The 'Last Update [UTC]' is '01/29/2016 10:32 PM'. The interface also includes a 'Filter Rules with Field' search bar, a 'List only rules for selected control' checkbox, and a 'Delete All' button. A sidebar on the left lists various form controls: Label, Signature Box, Signature Initials, BarCode, and Button. At the bottom, there are checkboxes for 'IsEnabled' and 'Show Validation', along with a 'Label' dropdown menu.

Test page with controls at default:

The screenshot shows a web browser window with the address bar displaying `https://localhost/EGApp/8d33958f8c88eb7c41/EditApplication?/`. The page title is "JP NO TOUCH - Dev Test Pr...". The main content area is titled "Visibility and Read-only Rule Test Page". Below the title is a form with the following controls:

- Read-only: ☐
- Visible: ☒
- IsEnabled: ☒
- Show Validation: ☐
- Controls:
- *Label*:
- isVisible:
- isreadonly:
- AlwaysReadOnly:

Test page with visibility set to false:

The screenshot shows the same web browser window as the first one, but with the "Visible" checkbox set to ☐. The "isVisible" field now displays "False". The other controls remain the same as in the first screenshot.

Test page with read only set to true:

Areas Impacted

System Area	Yes	Comment
Admin Tool		
- Form Library		
- Design Forms	X	
- Profile Administration		
- Reports		
- Deployment		
FireLight App		
- New Application		
- Edit Application	X	
- Signature Process		
- Review Queue		
- Manual Review		
- User Preferences		
- Inbound Integration		
- Outbound Integration		
-		
FireLight Console	X	
- Windows O/S	X	
- iOS	X	
- Android	X	

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Other Systems		
- DTCC Integration		
- Commission netting		
- Activity Reporting		