

# How to use the UI Inspector tool

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**Note** The Pega 7 UI Inspector tool is available for systems running PRPC 7.1.1 through 7.1.6. It was retired in Pega 7.1.7 and replaced by the Live UI tool (/node/116126).

The UI Inspector tool allows developers and designers to easily review the structure of their application in the context of PRPC UI rules and elements.

Similar to the HTML inspector tools found in most browsers, the UI Inspector tool highlights elements such as harnesses, panels, sections, layouts, flow actions, cells and properties. As you move your cursor over the application, the UI Inspector highlights each element type with a red outline. Pause briefly while any element is in focus to see a panel with detailed information on the element's structure and configuration.

## Enabling the UI Inspector

Two standard, out-of-the-box developer roles, *PegaRULES:SysAdm4* and *PegaRULES:SysArch4*, include the privilege for the UI Inspector. To enable the UI Inspector for other roles, create a role that has access to the *pxUIInspector* privilege. Refresh your PRPC session after associating the role with your operator.

# Edit Access of Role to Object: Access to UI Inspector tool (Available)

DSPurchaseApp:Inspector • @baseclass | dspurchase

Security Privileges Settings History

PRIVILEGE	LEVEL
1 pxUIInspector	5



End user portals display the UI Inspector as a floating button which is disabled by default. Drag and drop to change its position as desired:

The screenshot shows the Pega Case Manager interface. The top navigation bar includes 'Pega 7 CaseManager', '+ Create', and '→ Next Assignment'. The main content area is titled 'Summary for Purchase Application' and shows a process flow for 'Program Fund' with stages: Program Fund Entry (0), Approval (0), Disbursement (0), and Closure (0). Below the flow are task buttons: 'Enter Program Details', 'Get Manager Approvals', 'Wait for Program End', and 'Close Program Funding'. A 'Send Email' button is also present. A section titled 'URGENT WORK FOR WORKGROUP CREATED BY WIZARD' contains a table with two rows of urgent work items.

URGENCY	DUE	ID	DESCRIPTION
10		PXW-1	Setup Merge B...
10		PR-1	Add Line Items

In the left sidebar, the 'Inspect UI-Off' button is highlighted with a red box.

Click the button label to turn on the tool:

## Using the UI Inspector

Once enabled, the UI Inspector immediately detects UI elements in your application.

Outline indicators update real-time as you move the mouse over different elements. In the following example, the user hovers over the text "Add Line Items" in the Case Manager portal. The UI Inspector determines this text is contained in a **Cell** element type and outlines the physical space associated with the element in red. The details panel indicates the **Cell** is configured to display the value of property *pxTaskLabel* using a *pxTextInput* control. The **Cell** resides in a **Section** named *pyUserWorkList*. Use the links to view these rules in the Work Area of the Designer Studio for a closer look.

DESCRIPTION

CATEGORY

Setup Merge B...

Merge RuleSets

Add Line Items

Purchase Req...

Cell

Element Type Cell

Property [\\_pxTaskLabel](#)

Control pxTextInput

In Section [pyUserWorkList](#)

UI structure

Cell

in Section

in Section

in Section

in Section

Element type

Element in focus

Link to open in Work Area

Hierarchy

The UI structure (or hierarchy) of an element illustrates its position relative to its containing elements. It reads top to bottom as “the element in focus resides in <an element type> which, in turn, resides in <an element type>...”. Click any item to put the element into focus.

In the following example, the user keeps the **Cell** element in focus and then clicks the first “in Section” item in the hierarchy. Now, the **Section** containing the “Add Line Items” **Cell** is in focus (red outline). The details panel indicates this **Section** resides in another **Section** named *pyDashboardMiddle*.

URGENCY

DUE

ID

DESCRIPTION

CATEGORY

⋮

10

PXW-1

Setup Merge B...

Merge RuleSets

⋮

10

PR-1

Add Line Items

Purchase Req...

Element Type Section

Rule Name [pyUserWorkList](#)In Section [pyDashboardMiddle](#)

UI structure

Cell

in Section

in Section

in Section

in Section

in Section

Alternatively, users may hover over any item in the hierarchy to get a visual indication of its location on the form without losing focus of the current element. In this example the **Cell** is still in focus (red outline) but the boundaries of its containing **Section** are denoted with a blue dashed outline:

URGENCY	DUE	ID	DESCRIPTION	CATEGORY
10		PXW-1	Setup Merge B...	Merge RuleSets
10		PR-1	Add Line Items	Purchase Req...

Section

Element Type Cell

Property [.pxTaskLabel](#)

Control pxTextInput

In Section [pvUserWorkList](#)

UI structure

- Cell
- in Section
- in Section
- in Section
- in Section

The UI Structure of an element is useful when you want to trace a current element all the way up to its outermost containing element (typically a **Harness**):

(0)

Element Type Cell

Property [.pyCount](#)

Control pxDisplayText

In Section [pxDisplayStagesReportStages](#)

UI structure

- Cell
- in Section
- in Section
- in Section
- in Section

Closure (0)

Close Program Fun

Element Type Section

Rule Name [pxDisplayStagesReportStages](#)

In Section [pxDisplayStagesReport](#)

UI structure

- Cell
- in Section
- in Section
- in Section
- in Section

Case stages for Program Fund

Program Fund Entry (0)

Approval (0)

Disbursement (0)

Closure (0)

Enter Program Details

Get Manager Approvals

Wait for Program End

Close Program Fun

Element Type Section

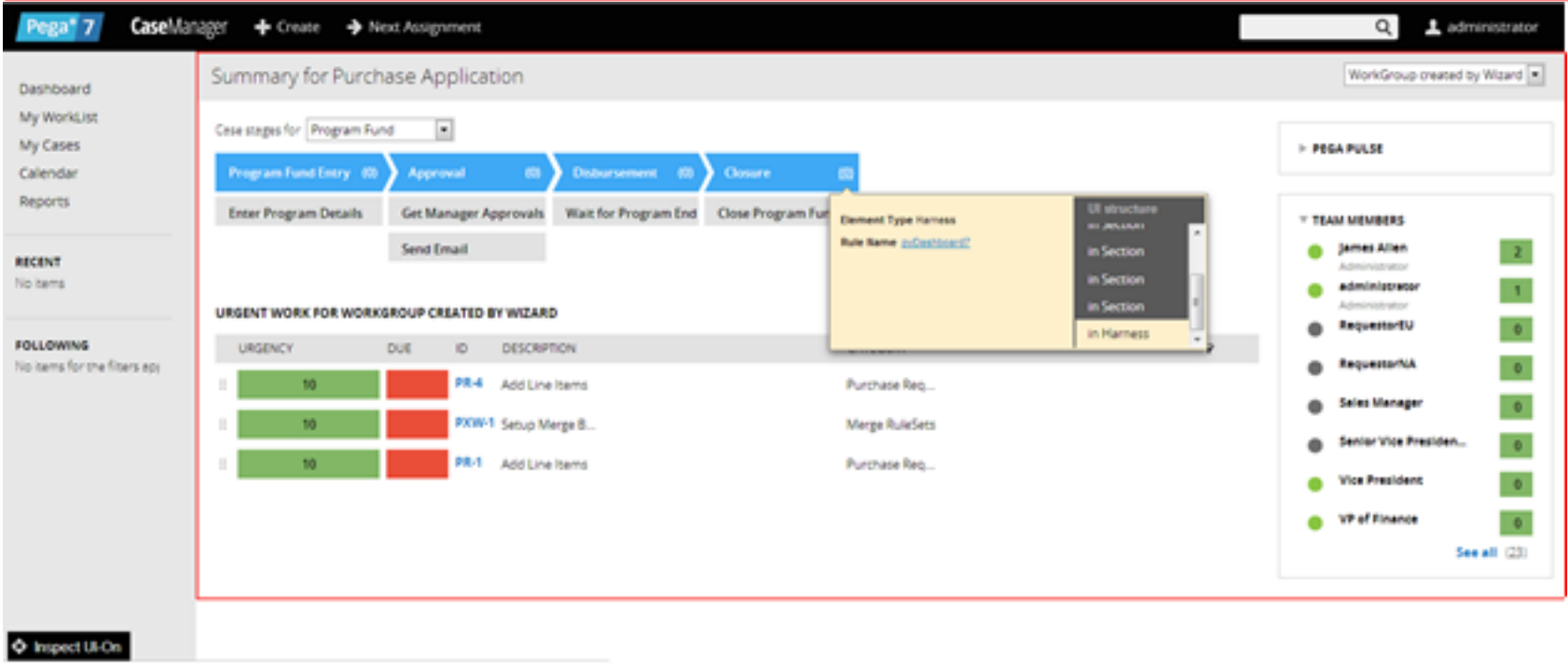
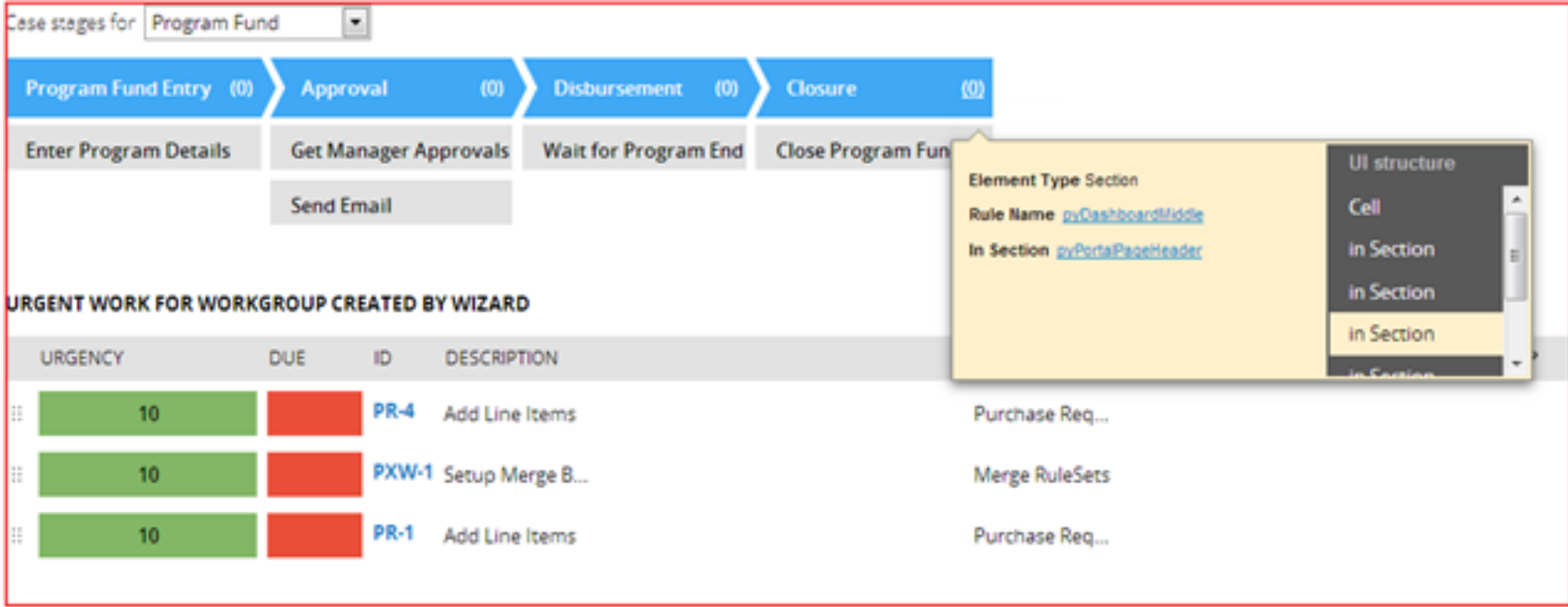
Rule Name [pxDisplayStagesReport](#)


In Section [pxDashboardTitle](#)

Section

UI structure

- Cell
- in Section
- in Section
- in Section
- in Section



When you are finished inspecting UI elements in your application, click to the button label to disable the UI Inspector: 

**Note** When using the Designer Studio, UI Inspector is available as static item in developer toolbar.

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October 24, 2013 - 6:02am |  
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