



Permission Control

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Prerequisites

 General understanding of all major Joget components (i.e. Process, Form, List and Userview)



Content

1. Application Permission Control



Chapter 1

Application Permission Control



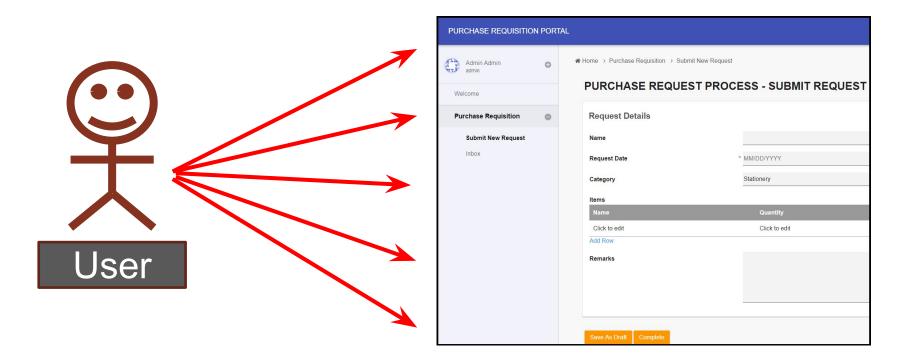
Introduction

 Permission Control is used to exert control and manage access to various components in a developed Joget App.



Reviewing Various Components With Potential Access Control

- How would a user access the app?
- What can a user do after accessing the app?
- List down what the user can explicitly do within the app.





4 Categories

- Process
- Form
- Userview
- Datalist



8 Permission Layers

- Process
 - Process Start Whitelist
- Form
 - Form
 - Form Section
 - Form Element
- Datalist
 - Action/Column/Filter Element
- Userview
 - Userview
 - Userview Category
 - Userview Menu



Process Start Whitelist

- Controls on who can start/run the Process.
- Available in each Process



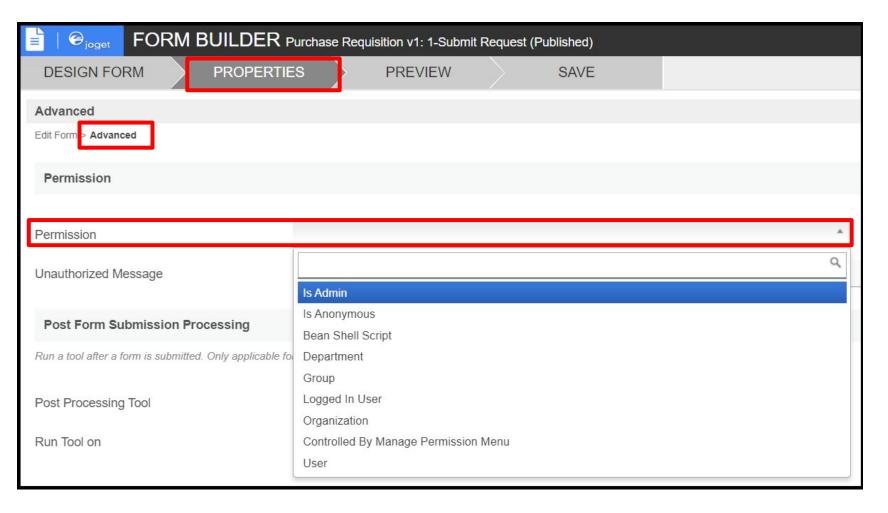
By <u>default</u>, this whitelist is set to <u>admin role</u> only, for safety purposes.

Remember to map a participant / role before publishing to production.



Form

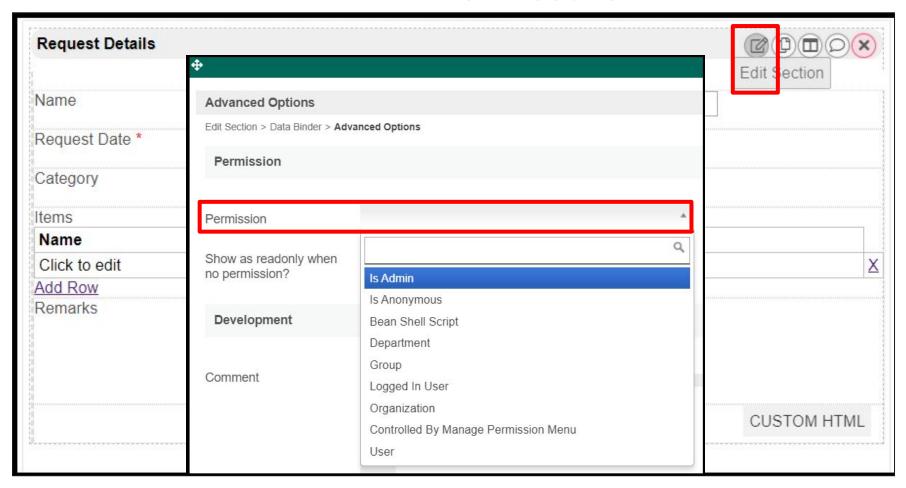
• Controls on who can see the **form**.





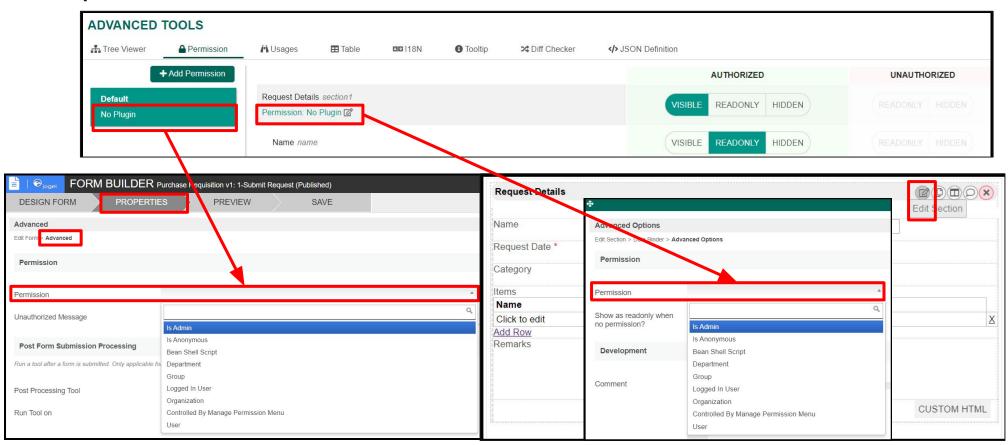
Form Section

• Controls on who can see the **form section**.



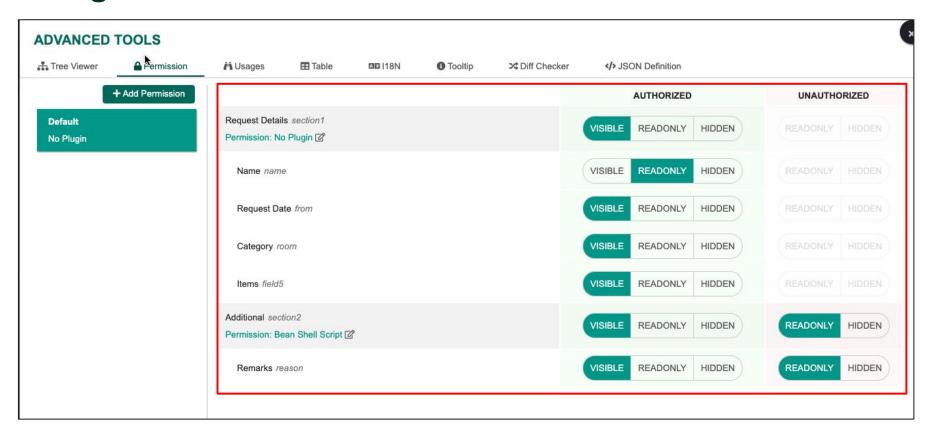


 Manages form and form section permission on Default permission.



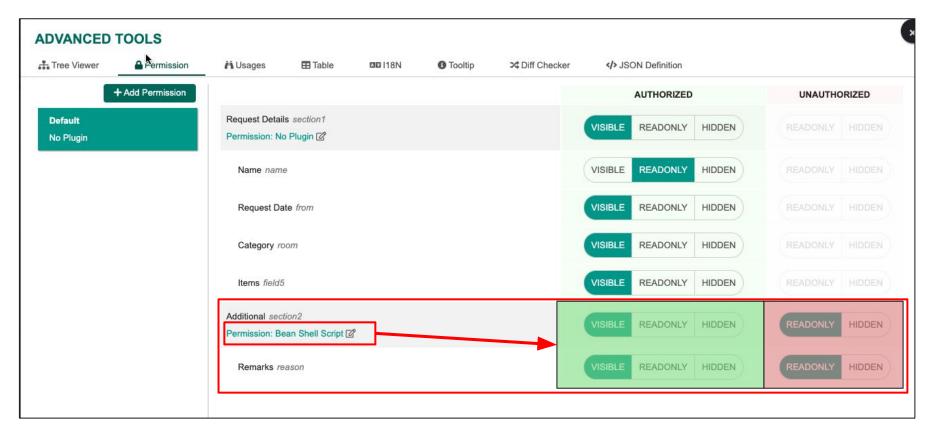


• Fine grain control over each form element.



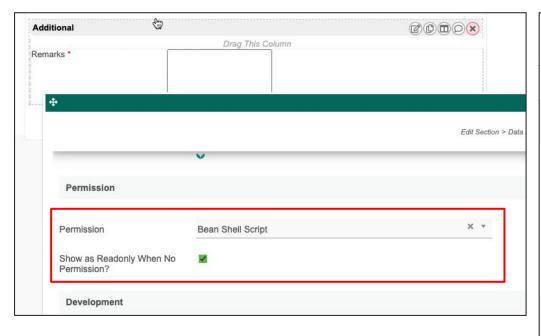


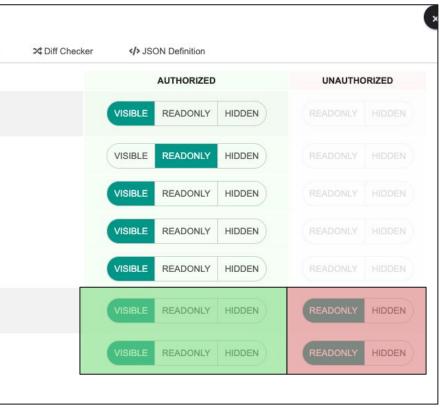
 When form section permission is set, unauthorized section will be enabled.





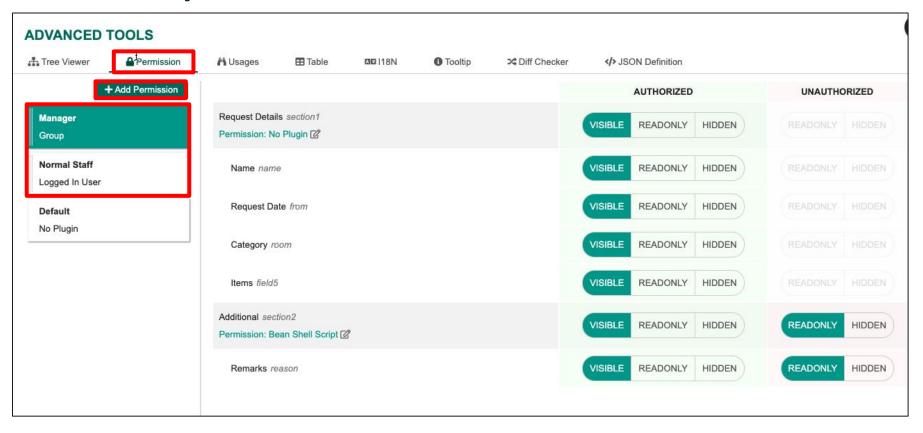
 This is same as Form Section > Edit > Show as Readonly when No Permission? but with granular field level control.





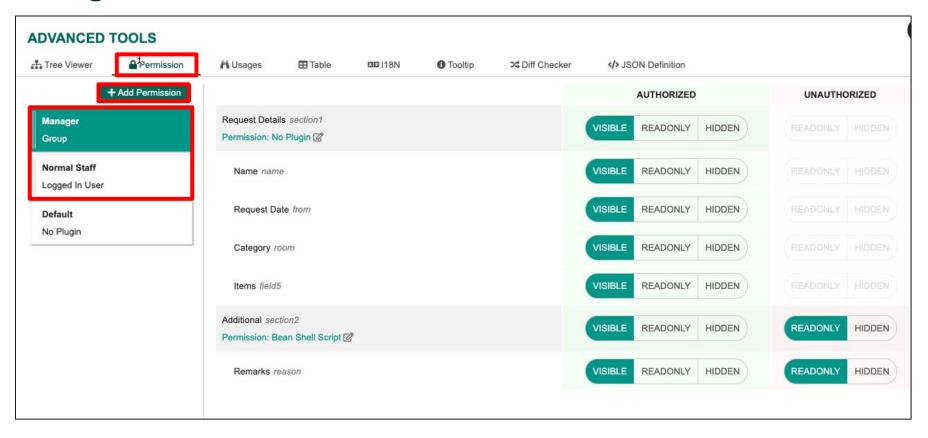


Additional permissions can be set too.



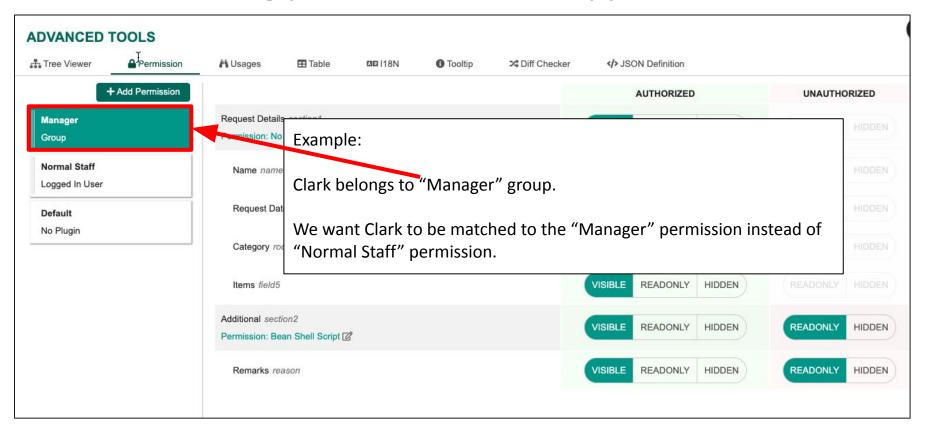


 Each with its set of form, form section, and form element configurations.





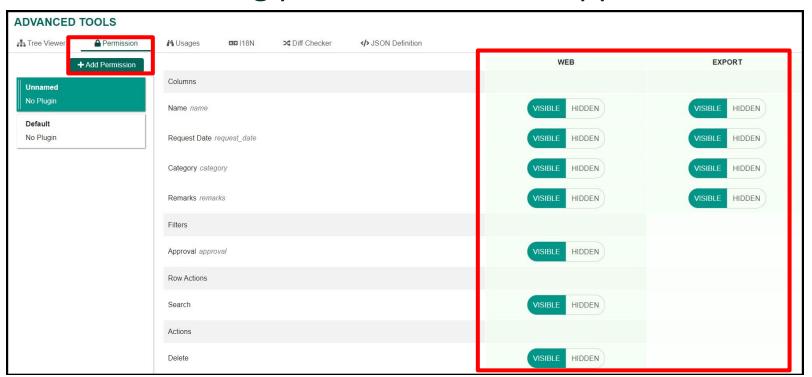
 Permission with highest privilege should be set first as the first matching permission will be applied.





Datalist Advanced Tools Permission

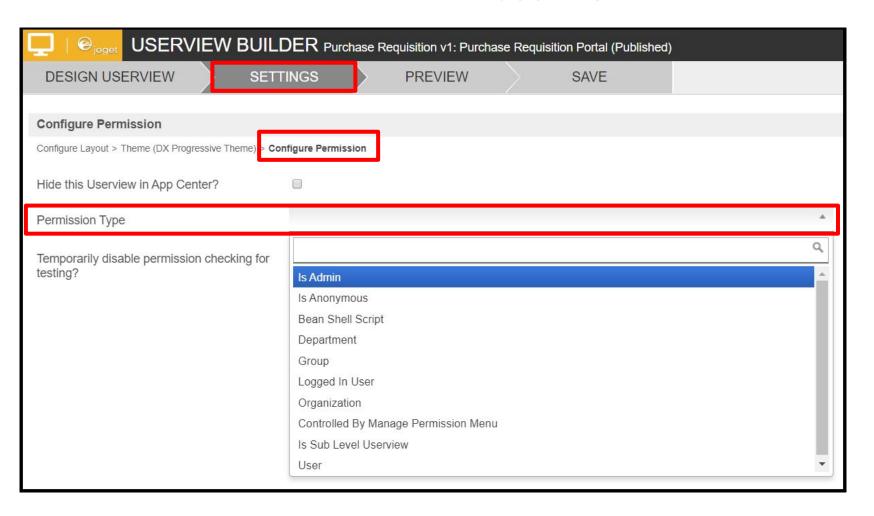
- Controls on who can see the **datalist column**, **datalis filter** and **datalist action** elements.
- Permission with highest privilege should be set first as the first matching permission will be applied.





Userview

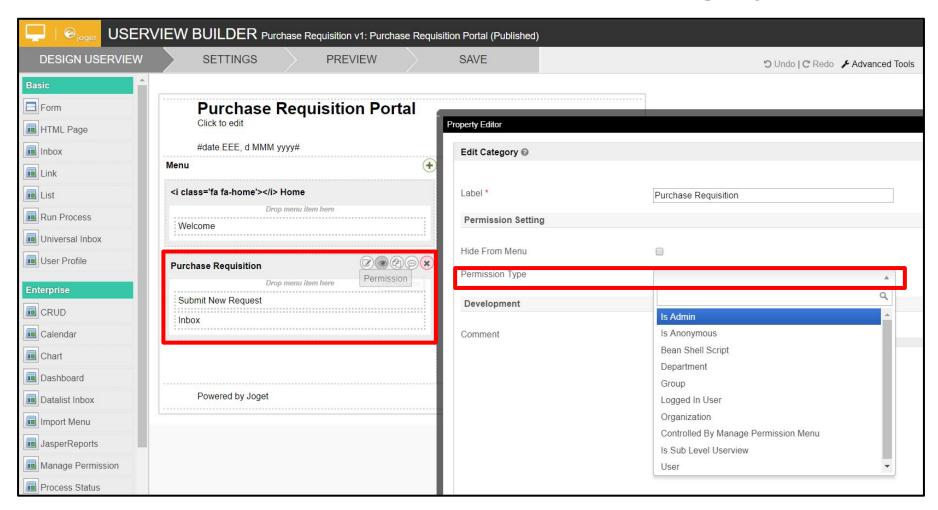
• Controls on who can access the userview.





Userview Category

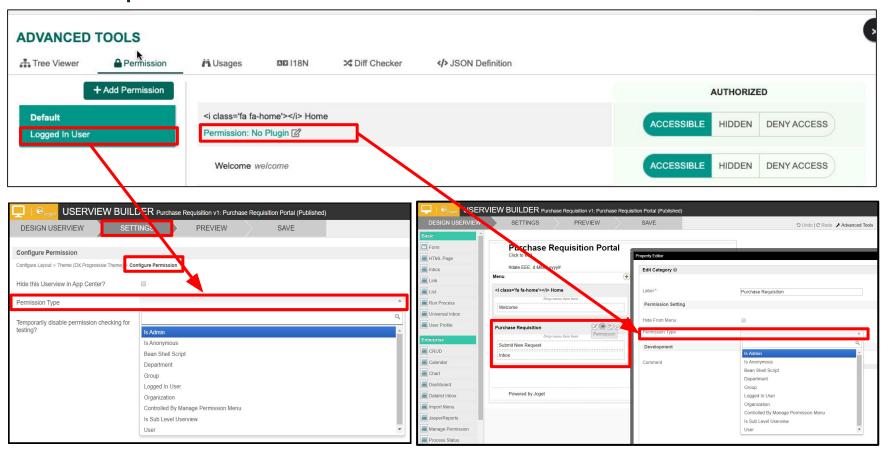
Controls on who can see the userview category.





Userview Advanced Tools Permission

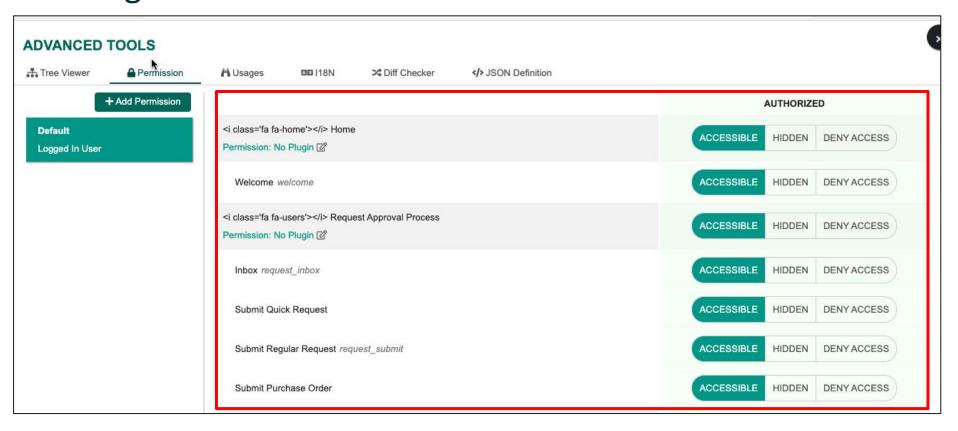
 Manages userview and userview category permission on Default permission.





Userview Advanced Tools Permission

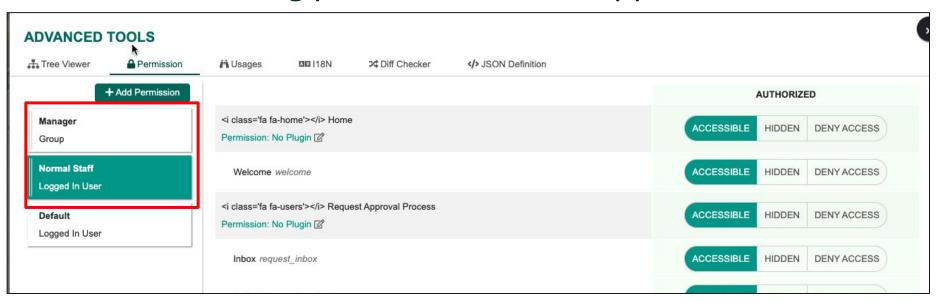
Fine grain control over each userview menu.





Userview Advanced Tools Permission

- Additional permissions can be set with its own set of userview, userview category, and userview menu configurations.
- Permission with highest privilege should be set first as the first matching permission will be applied.





Typical Permission Control Precedence

- 1. Userview (top)
- 2. Userview Category
- Userview Menu (i.e. Daţalist, Run Process, Form) Datalist Column / Action / Filter **Run Process** Form Form Section Form Element



Typical Permission Control Precedence

	Example: Form Menu	Example: Run Process Menu	Example: List / CRUD Menu
Userview Level			
Userview Category Level			
Userview Menu Level	Form	Run Process	Datalist
		Process Start Whitelist	Datalist Column / Action / Filter
Form Level	Form	Form	Form
Form Section Level	Form Section	Form Section	Form Section
Form Element Level	Form Element	Form Element	Form Element



Exercise 1

- Modify your App in such a way that:-
 - Anonymous user will not be able to see anything except for the landing page "Home".
 - Only users from the "Managers" group can see the "List
 All" menu item.

Tip: A group may / may not belong to an organization.



Discussion

- What would you want anonymous users to see when they visit the App Center?
 - Should all the apps be made secure at the first place?



More...

• Visit...

http://dev.joget.org/community/display/DX7/Permission+Control ...for list of permission plugins and up-to-date documentation.



Module Review

1. Application Permission Control



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