

Multi Tools

New Feature

In **Joget DX 8** this feature is now integrated.

- [Introduction](#)
- [Multi Tools Properties](#)
- [Tips](#)
- [Related Documentation](#)
- [Sample App](#)

Introduction

Multi Tools provides the ability to run multiple [process tool plugins](#) in a single tool bubble of a process design, with the option of multi-threading support.

This greatly reduces the effort and time needed to achieve a multiple tools parallel execution process design.

Multi Tools Properties

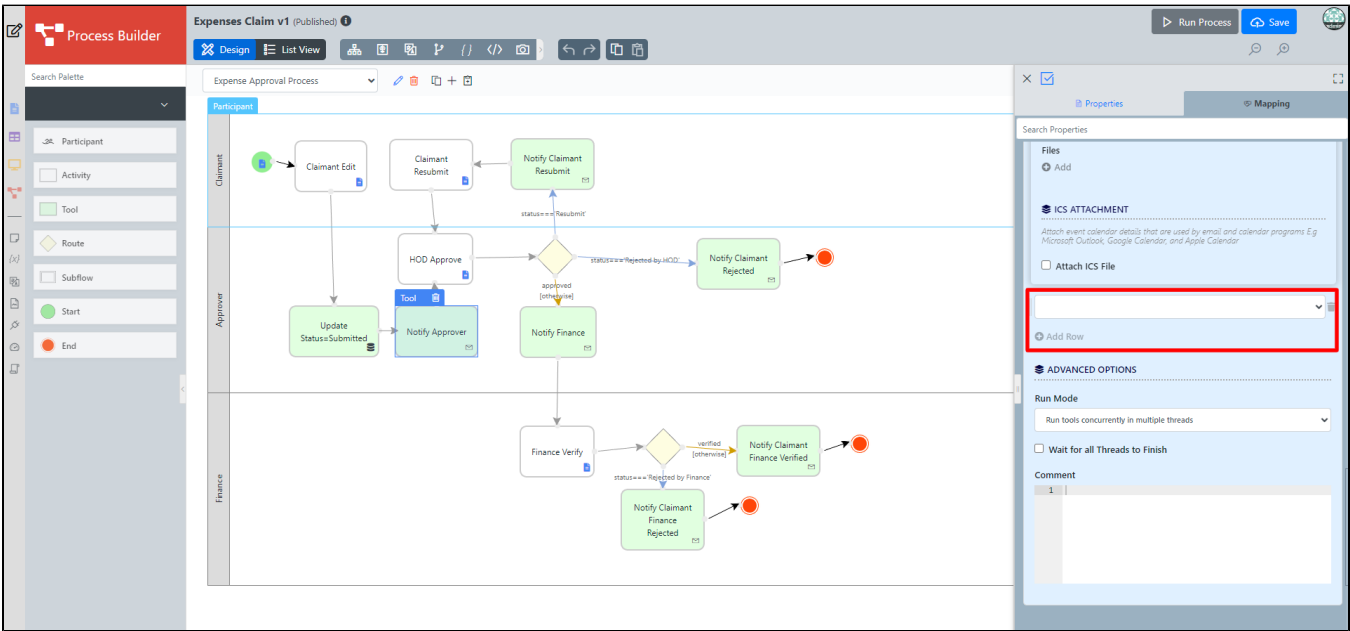




Figure 1: Multi Tools Properties

| Name | Description |
|---------|--|
| Add Row | Add a row to allow more plugin to be selected. |



Tip

You can also add row by hovering your mouse cursor near the trash bin icon to reveal a  button. Then, click the  button to add row.

Tips

Recommended to use the Integrated Multi-tool to reduce the need to constantly modify the process design, which forces a process record migration to a new version. When designing a process flow, add just one tool box to one activity box, even though the design requires 5 tool boxes. The 5 tools go into the single process Multi-Tool configuration. Another advantage is you can run the tools in multithread for some performance gain.



Within the same Multi-tool, [Hash Variable#WorkflowAssignmentHashVariable](#) cannot be modified and re-used.

When the Multi-tool starts, all the plugins configuration and hash variables are parsed and initialized at the start of the Multi-tool. Joget converted the hash to the actual value at the start of the Multi-tool and the workflow variable value updated is not registered for the second Multi-tool/[Process Tool Plugin](#).

Related Documentation

[Hash Variable#WorkflowAssignmentHashVariable](#)

[Process Tool Plugin](#)

One can find the documentation of **Multi-tool** from the training slides entitled "6-Using your first Process Tool " which can be obtained from our Joget Academy at <https://academy.joget.org/course/jogetdx8trainingslides>

Sample App



APP_kb_dx8_multitool.jwa