

BUILDING BLOCKS / Actions / append-params-to-parent-process



Contents

• BUILDING BLOCKS / Actions / Append Params to Parent Process

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(!) INFO

What is it? It is a type of

The fallback content to display on prerendering that allows you to send data from a subprocess to a parent process.

Why is it important? If you are using subprocesses that produce data that needs to be sent back to the main

The fallback content to display on prerendering , you can do that by using an **Append Params to Parent Process** action.

Configuring an Append Params to Parent Process

After you create a process designed to be used as a subprocess, you can configure the action. To do this, you need to add an **Append Params to Parent Process** on a **Task Node** in the subprocess.

The following properties must be configured:

Action Edit



- Back in steps (for Manual actions)
- Parameters
- Data to send (for Manual actions)

Action Edit

- Name used internally to make a distinction between different actions on nodes in the process. We recommend defining an action naming standard to be able to quickly find the process actions
- Order if multiple actions are defined on the same node, the running order should be set using this option
- Timer expression it can be used if a delay is required on that action. The format used for this is ISO 8601 duration format (for example, a delay of 30 seconds will be set up as PT30S)
- Action type should be set to Append Params to Parent Process
- Trigger type (options are Automatic/Manual) choose if this action should be triggered automatically (when the process flow reaches this step) or manually (triggered by the user); in most use cases, this will be set to automatic
- Required type (options are Mandatory/Optional) automatic actions can only be defined as mandatory. Manual actions can be defined as mandatory or optional.
- Repeatable should be checked if the action can be triggered multiple times;
- Autorun Children when this is switched on, the child actions (the ones
 defined as mandatory and automatic) will run immediately after the execution
 of the parent action is finalized

Back in steps

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Allow BACK on this action - back in process is a functionality that allows
you to go back in a business process and redo a series of previous actions in
the process. For more details, check Moving a token backwards in a
process section

Parameters

- Copy from current state data that you want to be copied back to the parent process
- **Destination in the parent state** on what key to copy the param values



To recap: if you have a **Copy from current state** with a simple **JSON** - {"age": 17}, that needs to be available in the parent process, on the application.client.age key, you will need to set this field (**Destination** in the parent state) with application.client, which will be the key to append to in the parent process.

Advanced configuration

• Show Target Process - ID of the parent process where you need to copy the params, this was made available on to the \${parentProcessInstanceId} variable, if you defined it when you started the subprocess

Data to send

 Keys - are used when data is sent from the frontend via an action to validate the data (you can find more information in the User Task configuration section)

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Data to send option is configurable only when the action trigger type is Manual.

Example

We have a subprocess that allows us to enter the age of the client on the data.client.age key, and we want to copy the value back to the parent process. The key to which we want to receive this value in the parent process is application.client.age.

This is the configuration to apply the above scenario:

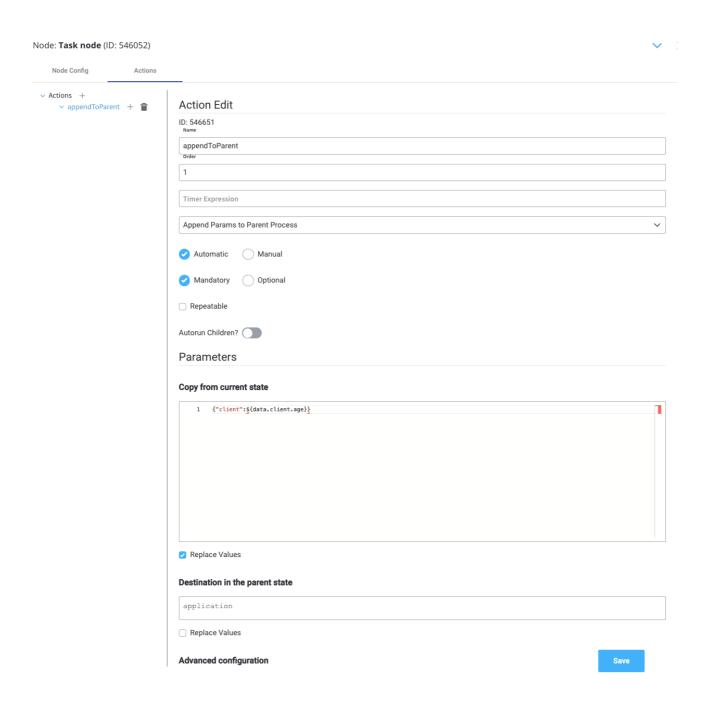
Parameters

- Copy from current state {"client": \${data.client.age}} to copy the age of the client (the param value we want to copy)
- Destination in the parent state application to append the data o to the application key on the parent process

Advanced configuration

• Show Target Process - \${parentProcessInstanceId} to copy the data on the parent of this subprocess





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