

# Run Debug

Last Modified on 16/07/2025 1:00 pm AEST

The **Run Debug** feature in RediNow's Process Builder is used for **testing and troubleshooting a process** without assigning steps to actual end users. It simulates the process flow with admin privileges, helping builders validate the logic, data flows, and configurations.

## What Run Debug Helps With

### 1. Step-by-Step Execution

- You can walk through each stage, block, and step as though you're the assigned user.

### 2. Bypass Assignment Restrictions

- It ignores security role assignments, allowing you to see all steps regardless of permissions.

### 3. Test Without Notifications

- No tasks or alerts are sent to real users, avoiding interference with live operations.

### 4. Validate Expressions and Inputs

- See how expressions resolve, which records are affected, and whether step inputs are working as expected.

### 5. Check Visual Flow

- See chevrons, transitions, and action button behaviour live as it would appear to users.

### 6. Debug Complex Paths

- Ideal for testing conditional logic, skipped steps, loops, and error handling.

## How to Use It

- Go to the **Process Builder** or **Process List**.
- Click **Run Debug** on a saved version of the process.
- Interact with the process in the same UI used by end users, but with full control and visibility.

The screenshot displays the RediNow Process Builder interface. At the top, a progress bar shows three stages: 'Submission' (highlighted in teal), 'Approval', and 'Onboarding'. Below this, the process title 'Employee Onboarding: Commence Request' is shown, along with the assigned user 'Mazen Kasamani' and a 'Submit Request' button. The main form area contains an 'Instructions' box with a blue header and a light blue background, followed by input fields for 'Subject', 'First Name', 'Last Name', and 'Email'. To the right of these fields are sections for 'Contact Number' and 'Notes'. At the bottom of the form, there are radio buttons for 'Candidate Details' and 'Role Details', and a 'Create and next' button. A 'Process run debug' modal is open on the right side of the screen, featuring a red border. The modal shows 'Run mode: Debug' and 'Run status: Running'. It lists the steps in the process: 'Submission' (Sequential flow) and 'Commence Request' (Start: 16/07/2025 11:20, End: --). The 'Commence Request' step is currently active, indicated by a green circle. The modal also includes a 'Show more' link and a 'Display Page' button.

## Sample Debug Run for the Employee Onboarding process

1. User starts the Debug Run for this process.
2. User fills in the necessary form fields and progresses through the form until the first process related button is clicked. In this case **Submit Request**.

### Process run debug

Run mode: **Debug**Run status: **Running**

Show more

Submission

Sequential flow

Commence Request

Start: 16/07/2025 11:20End: —

Display PageMazen Kasamani

On the debug screen you will find helpful information such as:

- Run mode: with below possible values
  - **Debug** for process that are run through Debug Run
  - **Launch** for processes that are run normally through the solution
- Run status: with below possible values
  - Running
  - Complete
  - Error
- Stage name: only the stages that have run will appear
- Flow Type: the flow type pf the block hat is hosting the running step
- Step status: shows the status of steps that have run or are running
- Start and End date/time of the steps
- Step type: such as Display Page
- Step Assigned To: the person who can execute the buttons
- The button that was clicked in the step, such as “Approve”
- The Input and Output details of the step

Process run debug

Run mode: Debug

Run status: Running

Show more

Submission

Sequential flow

Commence Request

Start: 16/07/2025 11:20

End: —

Display Page

Mazen Kasamani

Process run sample page

When you start filling in the form you will see that the Run Debug floating form is updated.

After the user clicks on the first process button the Step will be executed and the flow moves to the next step.

The step process that was “Running” before is now “Complete” and the End time is filled.

**Submit Request** appearing in yellow below was the button that was clicked by the user.

Process run debug

Run mode: Debug

Run status: Running

Show more

Submission

Sequential flow

Commence Request

Start: 16/07/2025 11:20

End: 16/07/2025 11:52

Display Page

Mazen Kasamani

Submit Request

Output:

Current assignee

Name • Output

Type • Resource (Request)

Record • HR Specialist

When you scroll the form down you will see info for the next step which is still Running.

Process run debug

Name • Output

Type • Resource (Request)

Record • HR Specialist

Approval

Sequential flow

Running

DH Approve/Reject

Start: 16/07/2025 11:52

End: —

Display Page

Sarah Johnson

Input:

Name • Entity

Type • Resource (Request)

Record • HR Specialist

In the below screenshot we see results form when the user clicked on the **Approve** button of the **DH Approve/Reject** step that is in the **Approval** stage.

Process run debug

Approval

Sequential flow

Complete

DH Approve/Reject

Start: 16/07/2025 11:52

End: 16/07/2025 11:56

Display Page

Sarah Johnson

Approve

Input:

Name • Entity

Type • Resource (Request)

Record • HR Specialist

Output:

Name • Output

Type • Resource (Request)

Record • HR Specialist

The final stage now, Onboarding, has the HR Start Process step running.

Process run debug

Name • Output

Type • Resource (Request)

Record • HR Specialist

Onboarding

Sequential flow

Running

HR Start Process

Start: 16/07/2025 11:56

End: —

Display Page

Mazen Kasamani

Input:

Name • Entity

Type • Resource (Request)

Record • HR Specialist

After the user clicks on the final button **Complete** in the **Complete Onboarding** step the process ends displaying a message similar to the below


Submission ✓

Approval ✓

Onboarding ✓

Employee Onboarding: Commence Request

Assigned to: Mazen Kasamani



You're all done

There are no outstanding steps assigned to you in this process at this time

Close

Process run debug

Complete Onboarding

Start: 16/07/2025 12:00

End: 16/07/2025 12:01

Display Page

Mazen Kasamani

Complete

Input:

Name • Entity

Type • Resource (Request)

Record • HR Specialist

Output:

Name • Output

Type • Resource (Request)

Record • HR Specialist

Below is a screenshot of the complete process with “Show more” expanded.

## Process run debug



Run mode: <b>Debug</b>	Run status: <b>Complete</b>
Initiating person: <i>Mazen</i>	Version: <i>&lt;v2.0&gt;</i>
Launched date: <i>16/07/2025</i>	End date: <i>16/07/2025</i>
Primary record type: <i>Request</i>	Primary record: <i>—</i>
Correlation code: <i>Z540681-161120</i>	

[Show less](#)

### Submission

**Complete**

Sequential flow

Commence Request



Start: 16/07/2025 11:20 End: 16/07/2025 11:52

### Key Reminder:

- Debug mode doesn't respect live record-level or task access controls.
- Use it only for testing—not for real data submissions or production use.