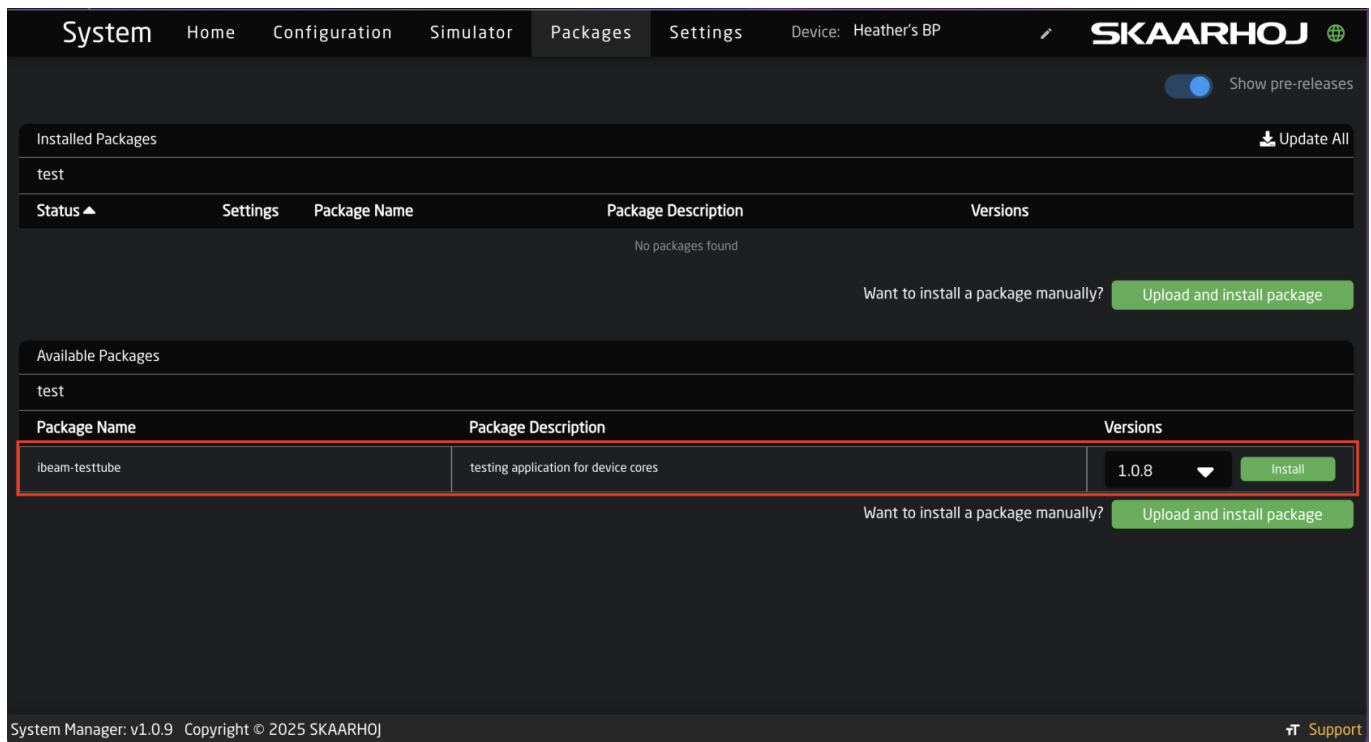


# Test Tube

Our Test Tube application is a great resource for troubleshooting issues that may come up while configuring a panel. This allows you to explore control and feedback of individual parameters of devices that have been added in Reactor.

Start by installing it on the packages page.

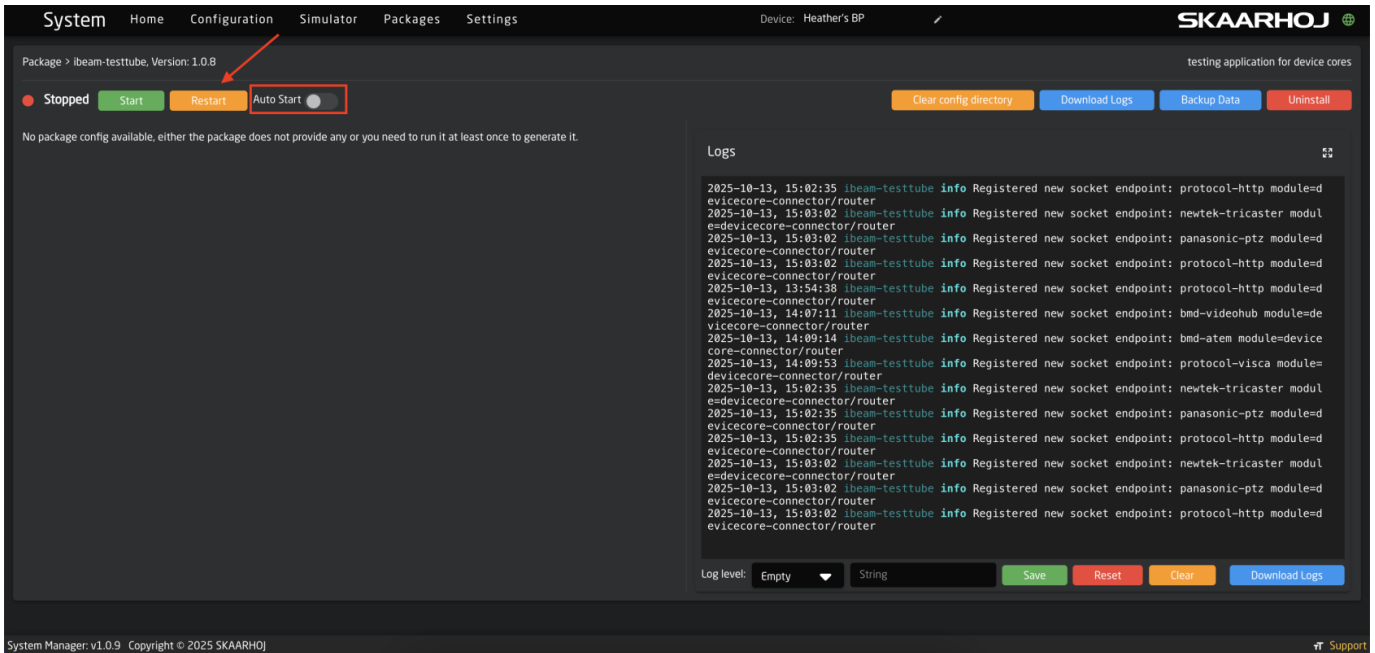


The screenshot displays the SKAARHOJ System Manager interface. The top navigation bar includes 'System', 'Home', 'Configuration', 'Simulator', 'Packages', 'Settings', and 'Device: Heather's BP'. The 'SKAARHOJ' logo is in the top right corner. A 'Show pre-releases' toggle is active. The main content area is divided into 'Installed Packages' and 'Available Packages' sections. The 'Installed Packages' section is currently empty, showing 'test' and 'No packages found'. The 'Available Packages' section contains a table with the following data:

Package Name	Package Description	Versions
ibeam-testtube	testing application for device cores	1.0.8 <input type="button" value="Install"/>

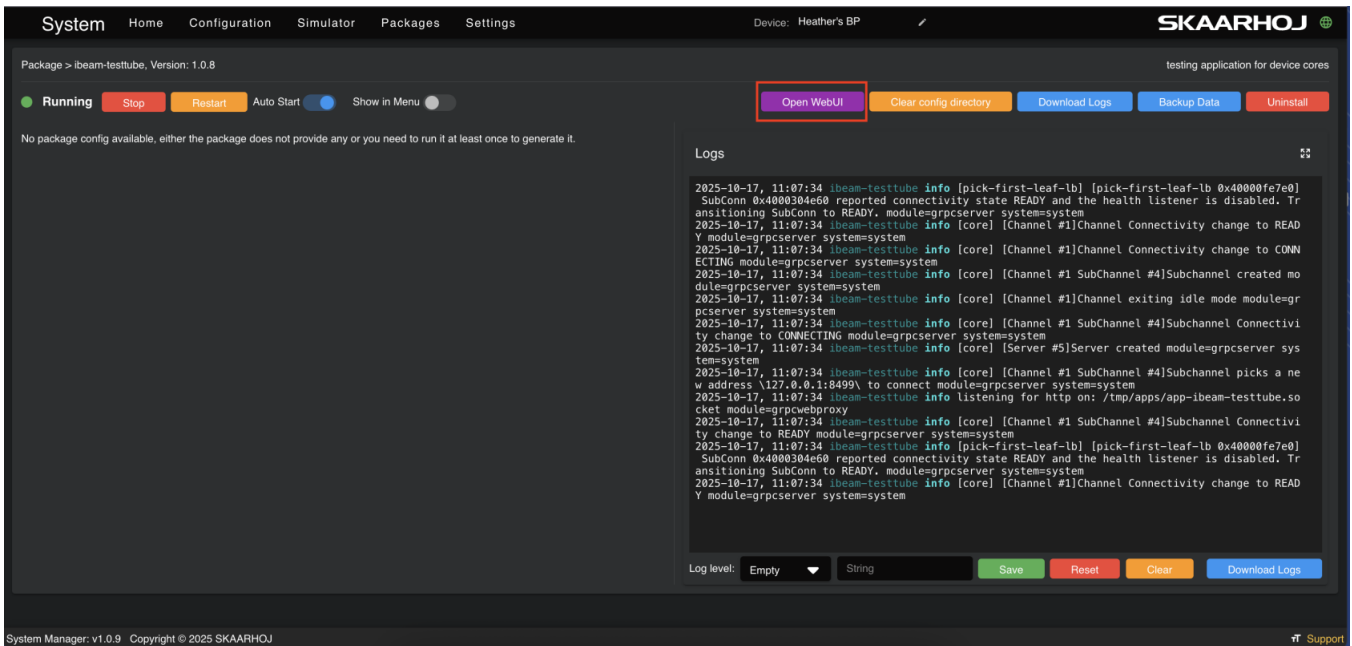
Below the table, there is a prompt: 'Want to install a package manually?' with a green 'Upload and install package' button. The footer of the interface shows 'System Manager: v1.0.9 Copyright © 2025 SKAARHOJ' and a 'Support' link.

Click into the package to start it before refreshing the page.

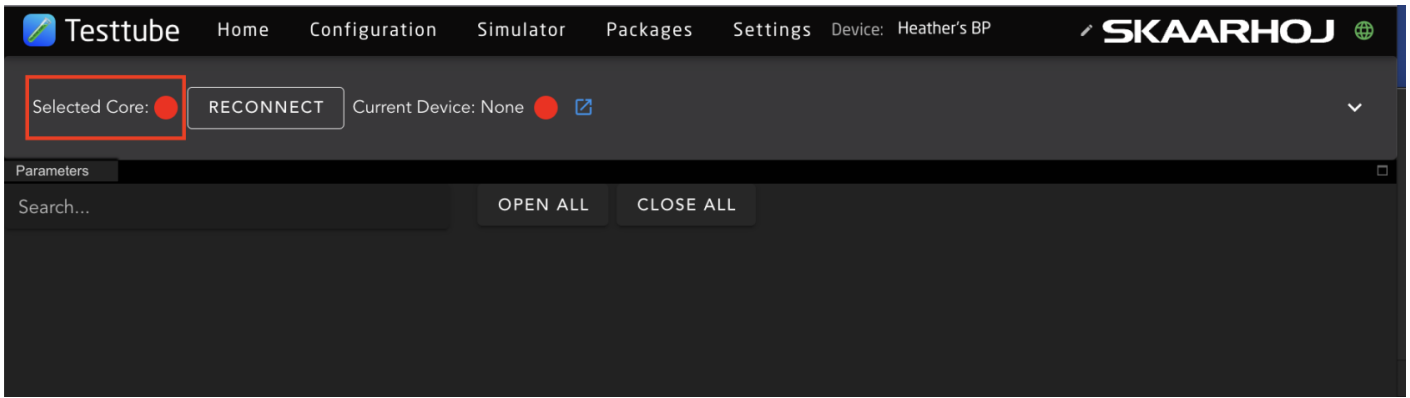


After refreshing the page the Open WebUI button will be available. Clicking this will open the interface for the internal application.

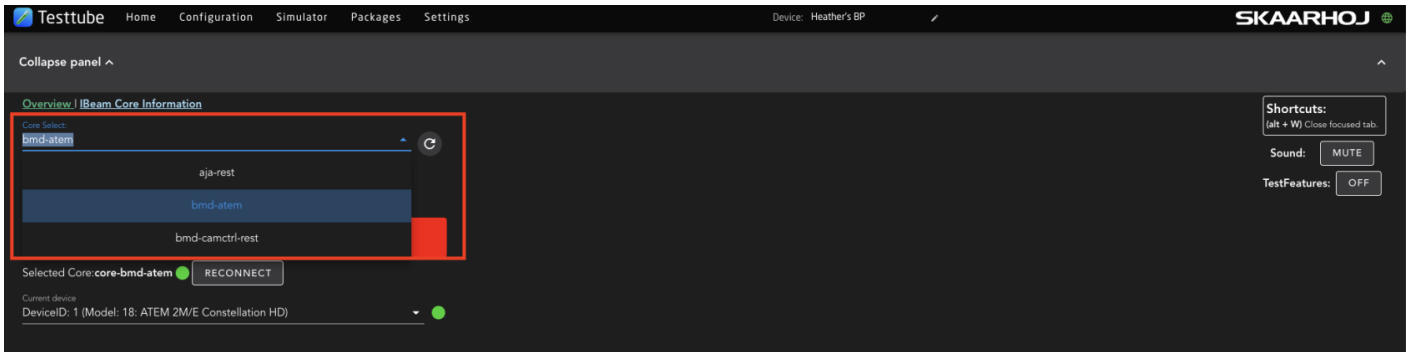
Using the Show in Menu toggle will create a tab to access the application from the upper menu bar.



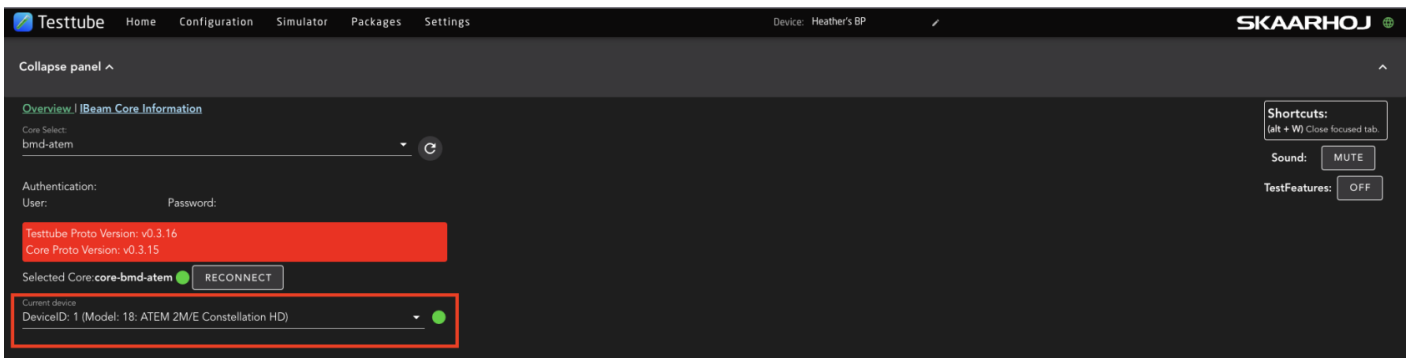
In the WebUI for the Test Tube application click on the Selected Core text to expand the view and see currently running device cores.



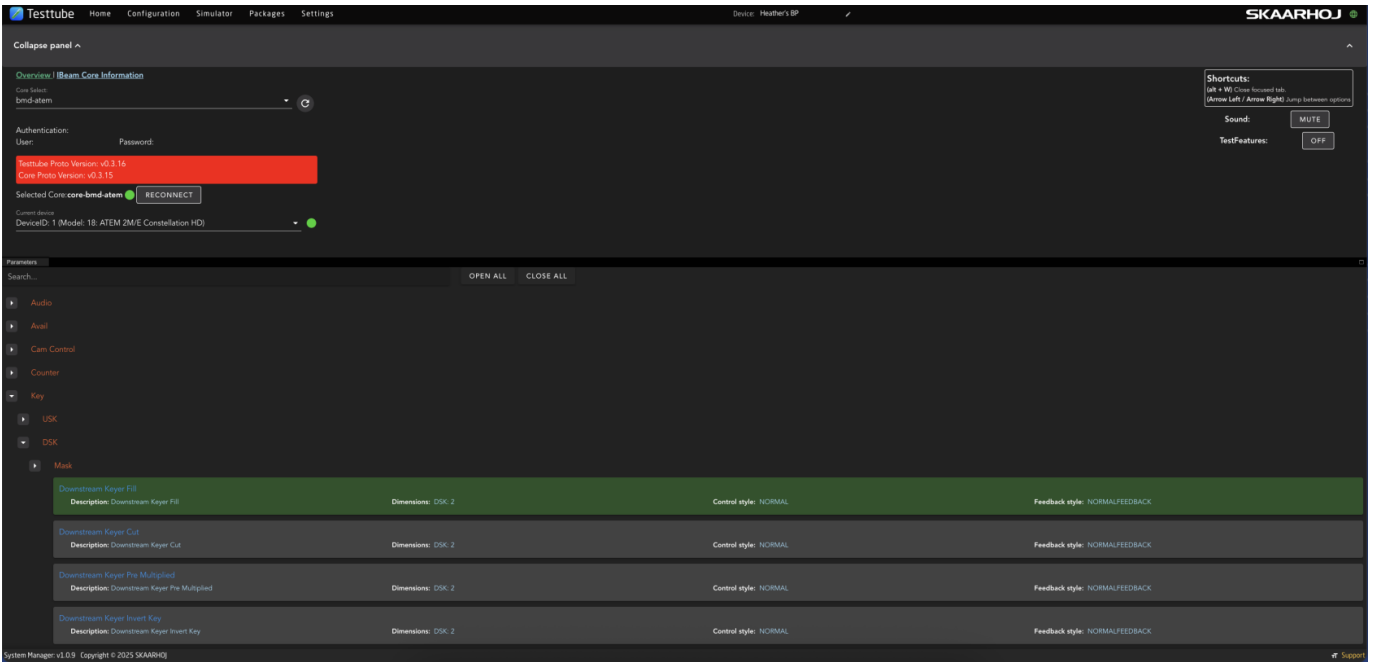
Using the drop down for the select core will allow you to select any of the currently running core.



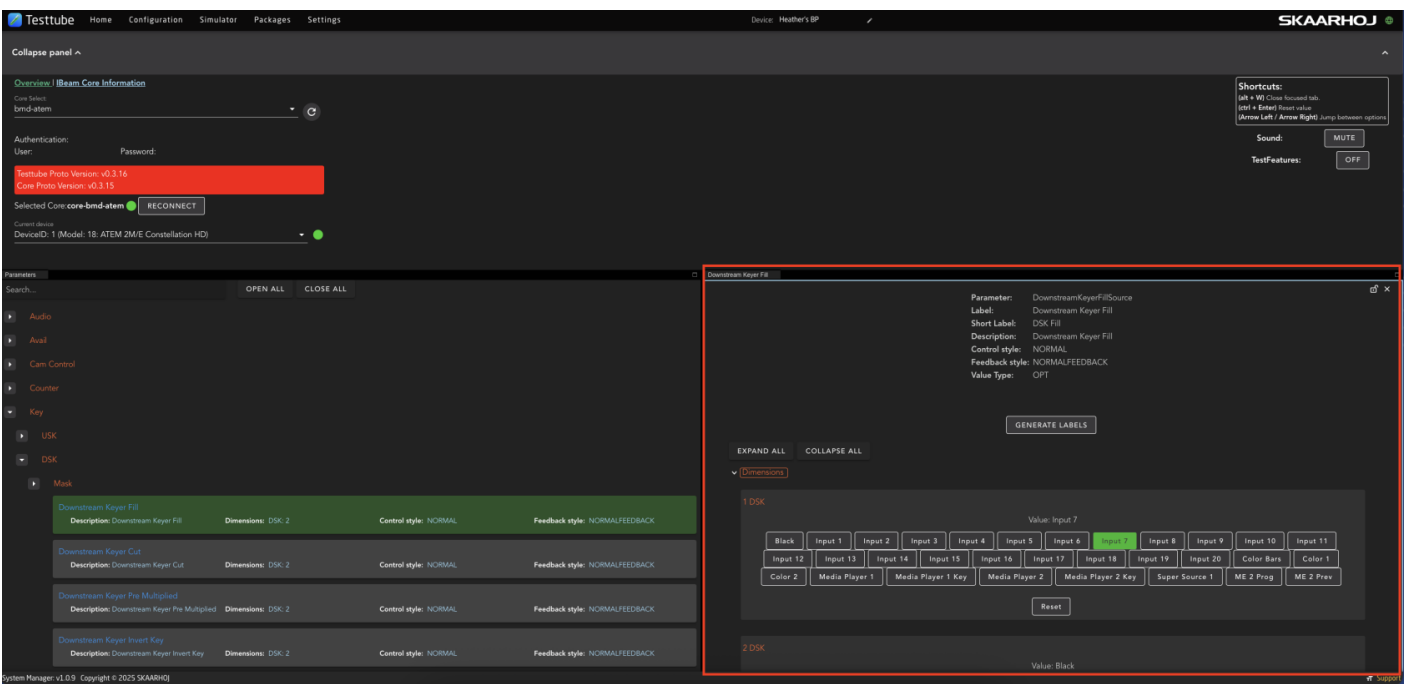
Using the drop down for the Current Device allows for the select of the specific device using the core.



After selecting the specific device instance, the parameter list will generate allowing for the selection of the parameter to test.



Selecting a parameter will open it see all the available dimensions of the parameter and the expected feedback.



From the dimension inspector it is possible to set parameters directly from the core. This helps to test if that parameter used by the core is correct and working. If it is, then any issue could be in the configuration.

Parameters: DownstreamKeyer Fill

Parameter: DownstreamKeyerFillSource  
Label: Downstream Keyer Fill  
Short Label: DSK Fill  
Description: Downstream Keyer Fill  
Control style: NORMAL  
Feedback style: NORMALFEEDBACK  
Value Type: OPT

0: DKF  
1: DskFI  
2: DwnKFI  
reference display (RCPV2 Encoder)  
0 0

GENERATE LABELS

EXPAND ALL COLLAPSE ALL

DownstreamKeyer Fill

1 DSK Value: Input 7

Black Input 1 Input 2 Input 3 Input 4 Input 5 Input 6 Input 7 Input 8 Input 9 Input 10 Input 11 Input 12 Input 13 Input 14 Input 15 Input 16 Input 17 Input 18 Input 19 Input 20 Color Bars Color 1 Color 2 Media Player 1  
Media Player 1 Key Media Player 2 Media Player 2 Key Super Source 1 ME 2 Prog ME 2 Prev  
Reset

2 DSK Value: Black

Black Input 1 Input 2 Input 3 Input 4 Input 5 Input 6 Input 7 Input 8 Input 9 Input 10 Input 11 Input 12 Input 13 Input 14 Input 15 Input 16 Input 17 Input 18 Input 19 Input 20 Color Bars Color 1 Color 2 Media Player 1  
Media Player 1 Key Media Player 2 Media Player 2 Key Super Source 1 ME 2 Prog ME 2 Prev  
Reset

Value: SHOW FULL PARAMETER STATE SHOW FULL PARAMETER CONFIG

## Revision #2

Created 22 September 2025 11:05:22 by Heather Pedersen

Updated 28 April 2026 10:06:30 by Heather Pedersen