

Rodan

End-to-End Optical Music Recognition Workflow

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What is Rodan

How to create a workflow

A full end-to-end workflow

Developments



What is Rodan?

- Workflow Engine
- In the Browser
- Open Source

<https://cosmicbook.news/sites/default/files/styles/768/public/rodan-teased-godzilla-king-monsters-trailer.jpg?itok=TBYBiy6V×tamp=1543873424>

How to create a workflow

- Upload a resource

The screenshot displays the Rodan web interface. On the left is a dark sidebar with the title 'Rodan' and navigation links: 'About', 'Dev', 'Help', 'Preferences', and 'Logout'. Below these are sections for 'No pending requests' and a list of 'Projects' including 'Test Project', 'Project #2', 'Resources' (which is highlighted), 'Workflows', 'Workflow Runs', and 'Run Jobs'. The main content area is titled 'Resources' and features an 'Upload Resource(s)' button. Below this is a 'Type:' dropdown menu currently set to 'image/tiff (tiff)'. There is a search bar with 'Add search filter' and 'Clear search filters' buttons. Below the search bar are pagination controls: 'First', 'Previous', 'Next', 'Last', and 'Page' with a dropdown arrow. At the bottom, a table header is visible with columns: 'Name', 'Creator', 'Created', 'Updated', 'Type', and 'File exists'.

How to create a workflow

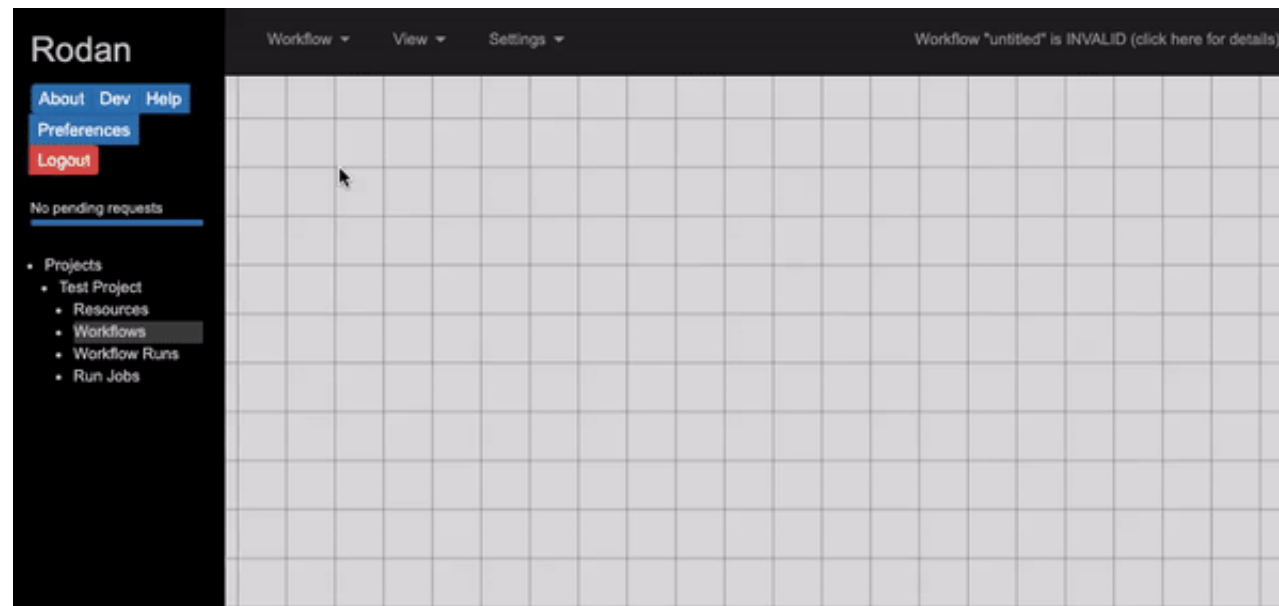
- Upload a resource
- Create a workflow

The screenshot displays the Rodan application interface. On the left is a dark sidebar with the 'Rodan' logo and navigation links: 'About', 'Dev', 'Help', 'Preferences', and 'Logout'. Below these are sections for 'No pending requests' and a 'Projects' menu with sub-items: 'Test Project', 'Resources', 'Workflows' (highlighted), 'Workflow Runs', and 'Run Jobs'. The main content area is titled 'Workflows' and features two buttons: 'Create new Workflow' and 'Import Workflow from file'. Below the buttons is a search bar with 'Add search filter' and 'Clear search filters' options. A pagination control shows 'First', 'Previous', 'Next', 'Last', and 'Page' with a dropdown arrow. A table lists two workflows:

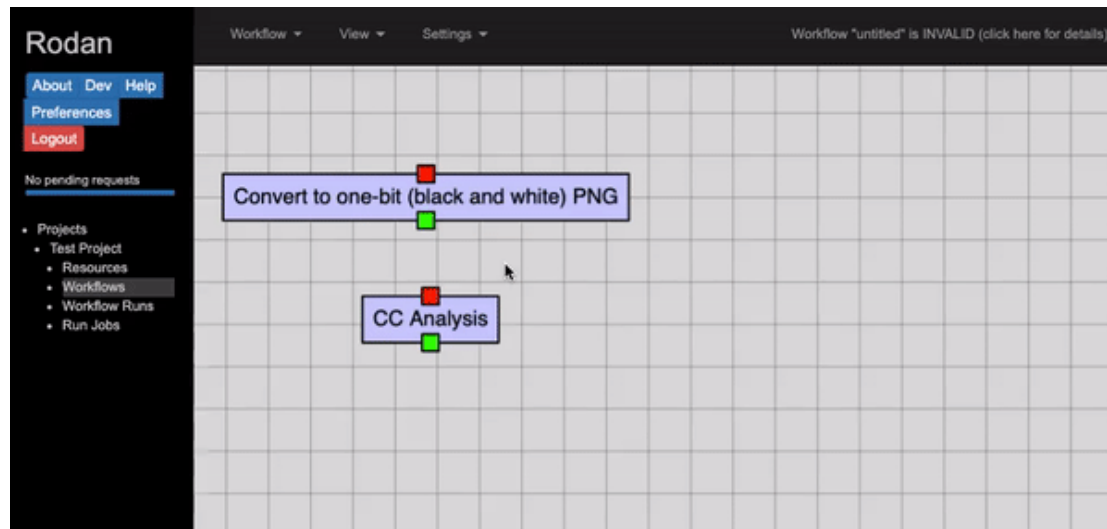
Name	Creator	Created	Updated	Valid
MEI-generation-OLD	rodan	2019-09-11 08:39:11	2019-09-18 12:35:03	true
MEI-generation	rodan	2019-09-16 10:49:38	2019-09-19 12:26:24	true

How to create a workflow

- Upload a resource
- Create a workflow
- Add jobs

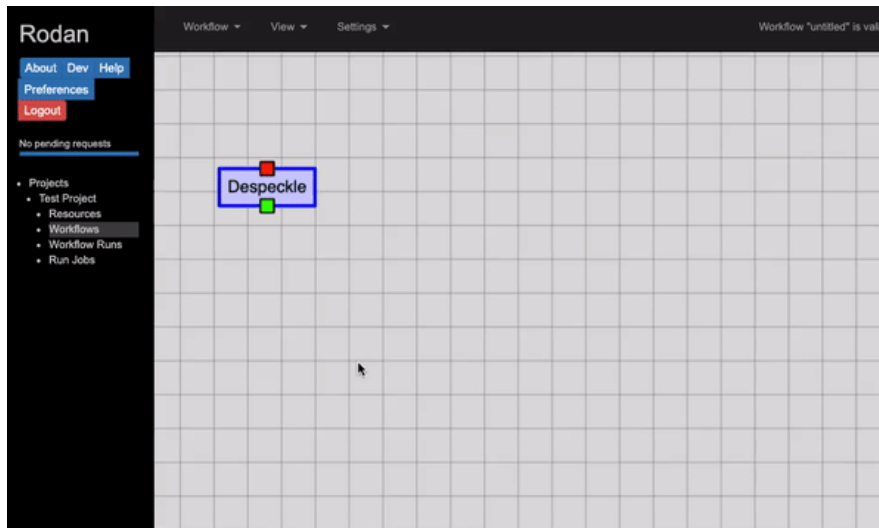


How to create a workflow



- Upload a resource
- Create a workflow
- Add jobs
- Connect jobs together

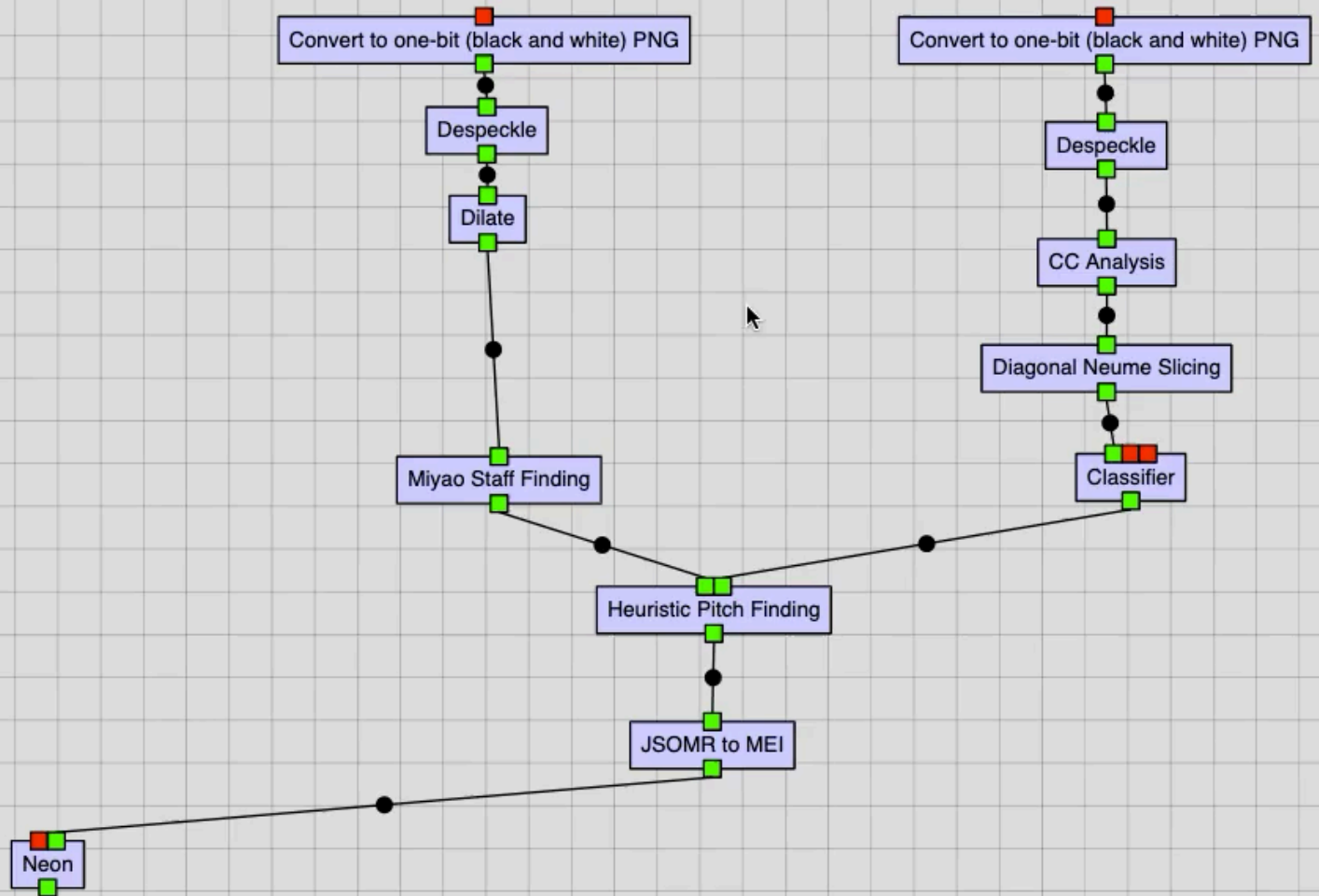
How to create a workflow



- Upload a resource
- Create a workflow
- Add jobs
- Connect jobs together
- Customize a jobs settings

No pending requests

- Projects
 - Test Project
 - Resources
 - Workflows
 - Workflow Runs
 - Run Jobs



New Features



Scalability



Job Queue



Scripting Library for batch
processing

Thank You

- Alastair Porter
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