

Rodan

End-to-End Optical Music Recognition Workflow

Alex Daigle

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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=TBYBjy6V×tamp=1543873424>

How to create a workflow

- Upload a resource

The screenshot shows the Rodan software interface. On the left, a dark sidebar menu titled "Rodan" lists "Projects" with sub-options: "Test Project", "Project #2", "Resources" (which is selected and highlighted in grey), "Workflows", "Workflow Runs", and "Run Jobs". Above the sidebar are navigation links: "About", "Dev", "Help", "Preferences" (highlighted in blue), and "Logout". Below the sidebar, a message says "No pending requests". On the right, the main "Resources" page has a header with "Upload Resource(s)" and a dropdown menu set to "Type: image/tiff (tiff)". Below this is a search bar with "Add search filter" and "Clear search filters" buttons. At the bottom, there are buttons for "First", "Previous", "Next", "Last", "Page", and a dropdown for "Page". A table header row includes columns for "Name", "Creator", "Created", "Updated", "Type", and "File exists".

How to create a workflow

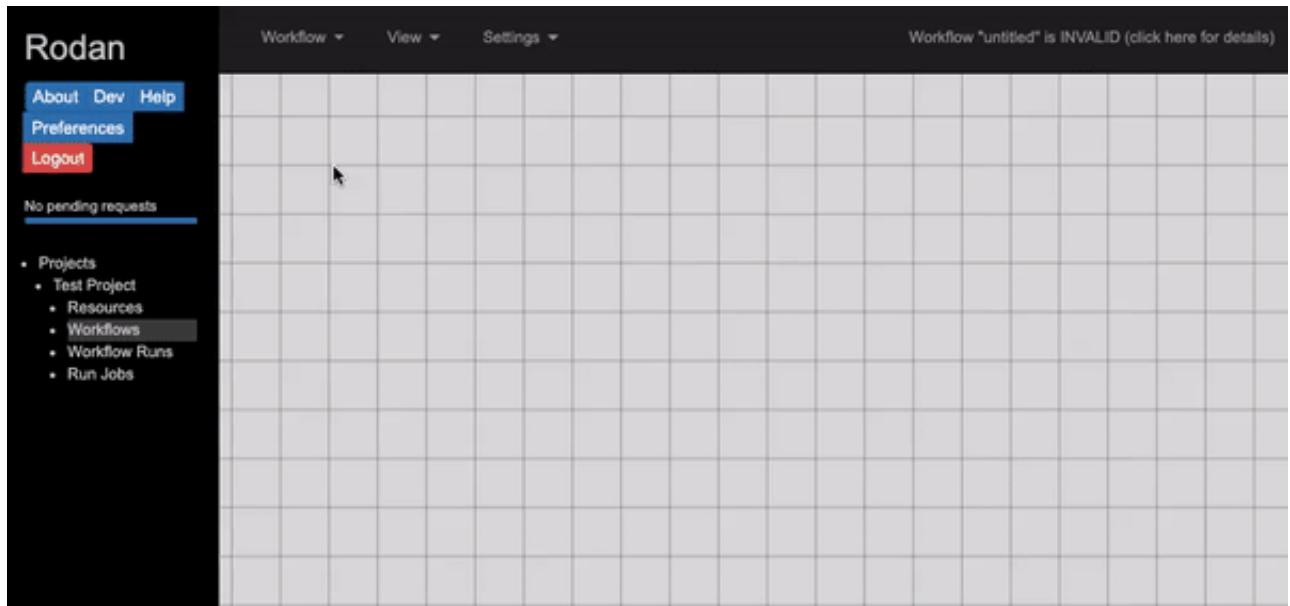
- Upload a resource
- Create a workflow

The screenshot shows the Rodan software interface. On the left is a sidebar with a dark background and white text. It includes links for 'About', 'Dev', 'Help', 'Preferences' (which is highlighted in blue), and 'Logout'. Below these are sections for 'No pending requests' and 'Projects', which lists 'Test Project' and its sub-options: 'Resources', 'Workflows' (highlighted in grey), 'Workflow Runs', and 'Run Jobs'. The main area has a light background and is titled 'Workflows'. It contains buttons for 'Create new Workflow' and 'Import Workflow from file'. Below this is a search bar with 'Add search filter' and 'Clear search filters' options. At the bottom is a table with columns: Name, Creator, Created, Updated, and Valid. Two rows of data are shown:

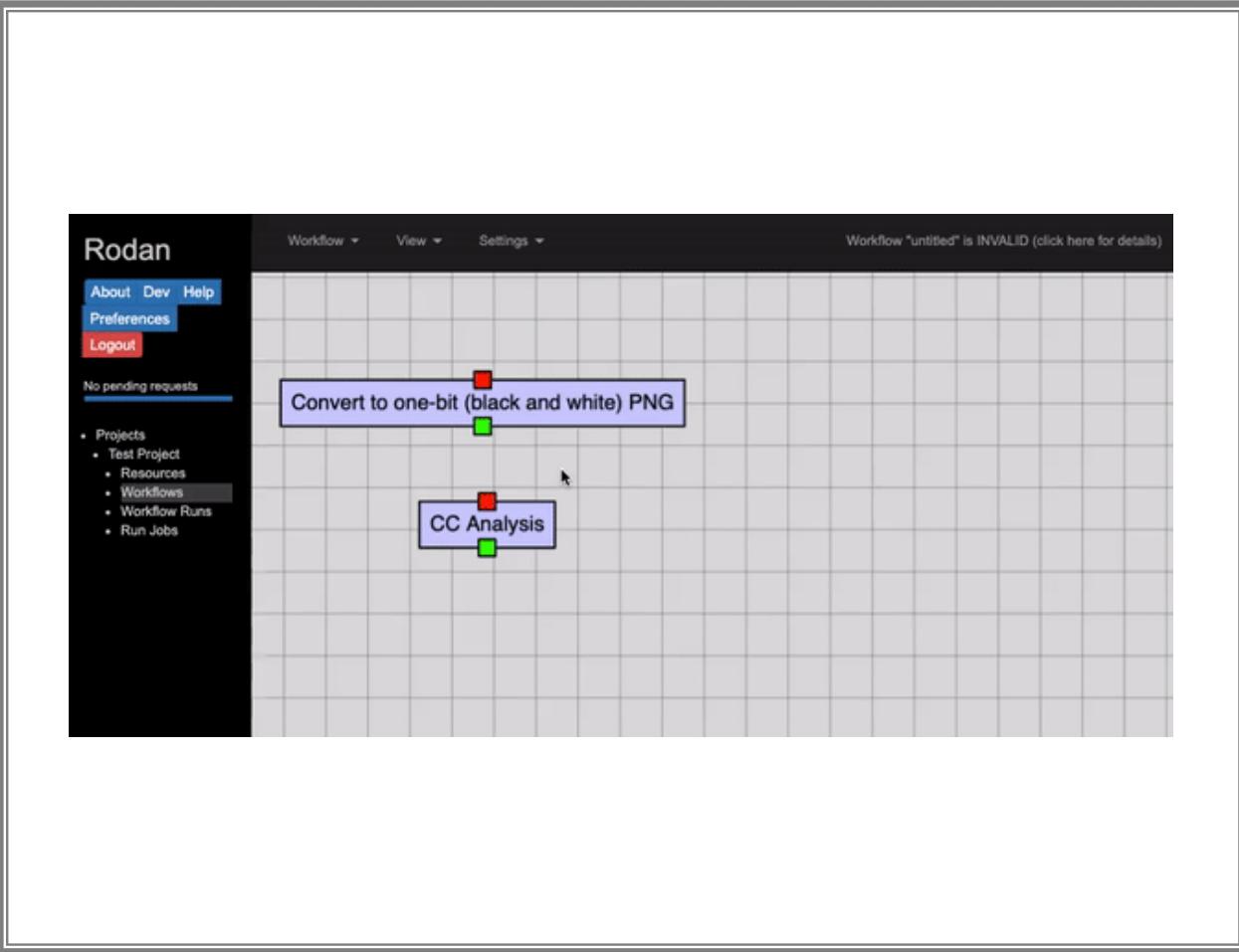
Name	Creator	Created	Updated	Valid
MEI-generation-OLD	rodan	2019-09-11 08:39:11	2019-09-18 12:35:03	true
MEI-generation	rodan	2019-09-16 10:49:38	2019-09-19 12:26:24	true

How to create a workflow

- Upload a resource
- Create a workflow
- Add jobs



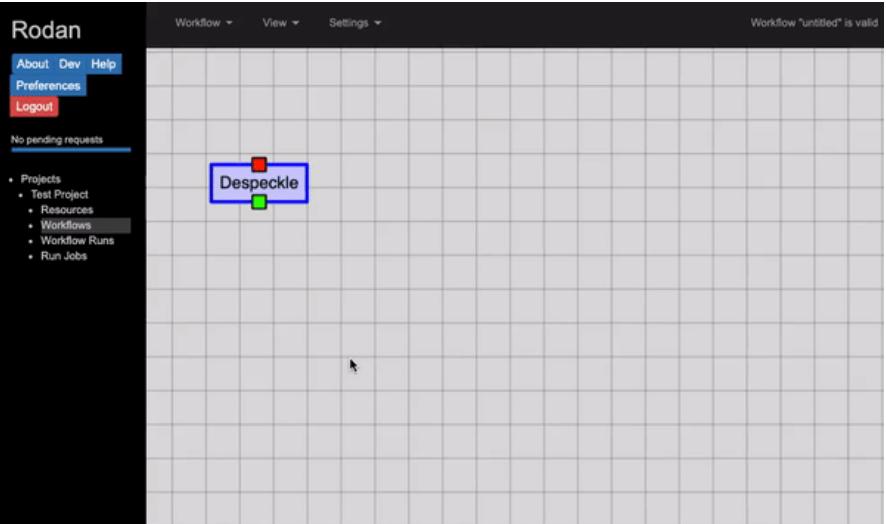
How to create a workflow



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

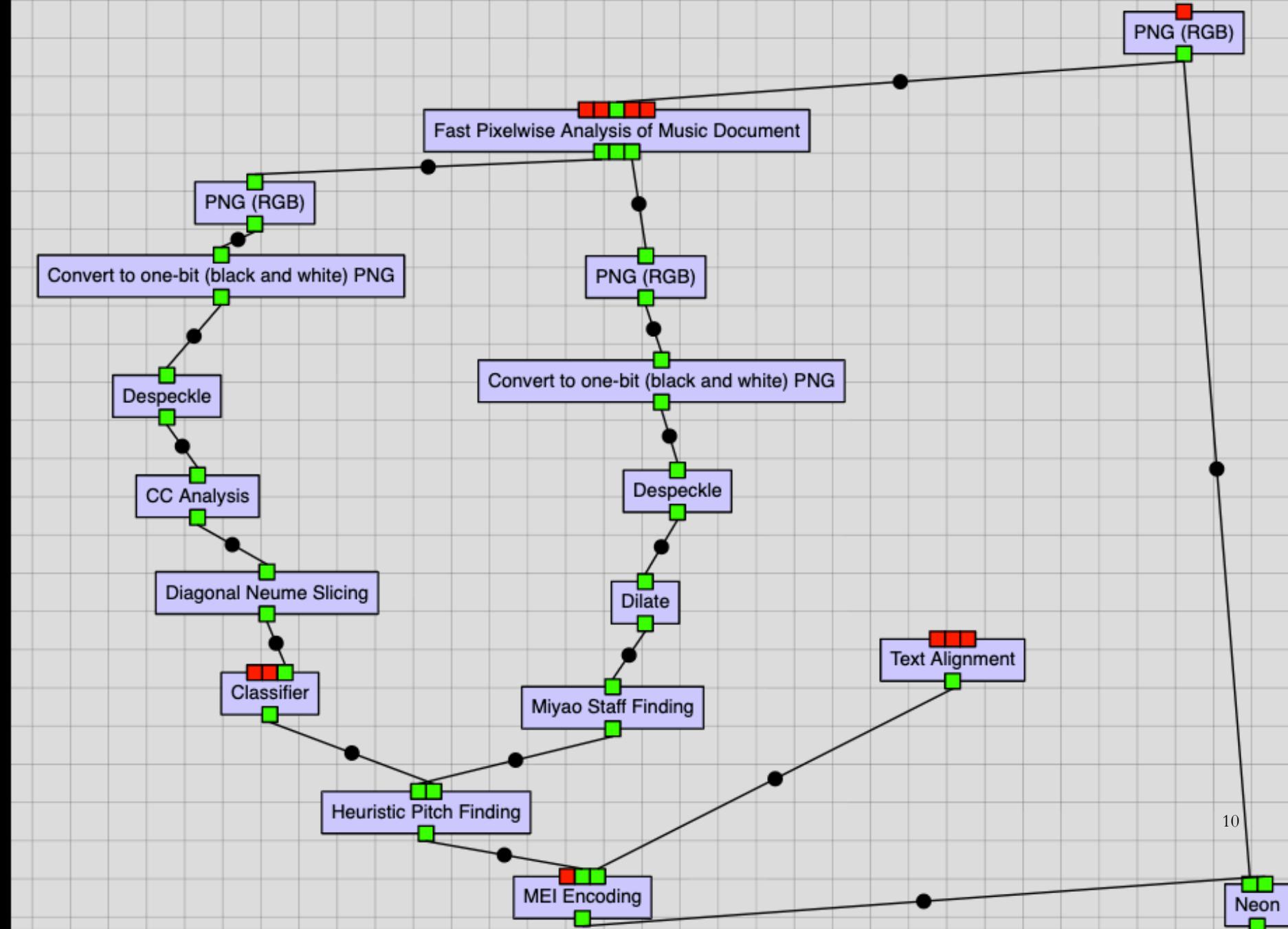
How to create a workflow

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



No pending requests

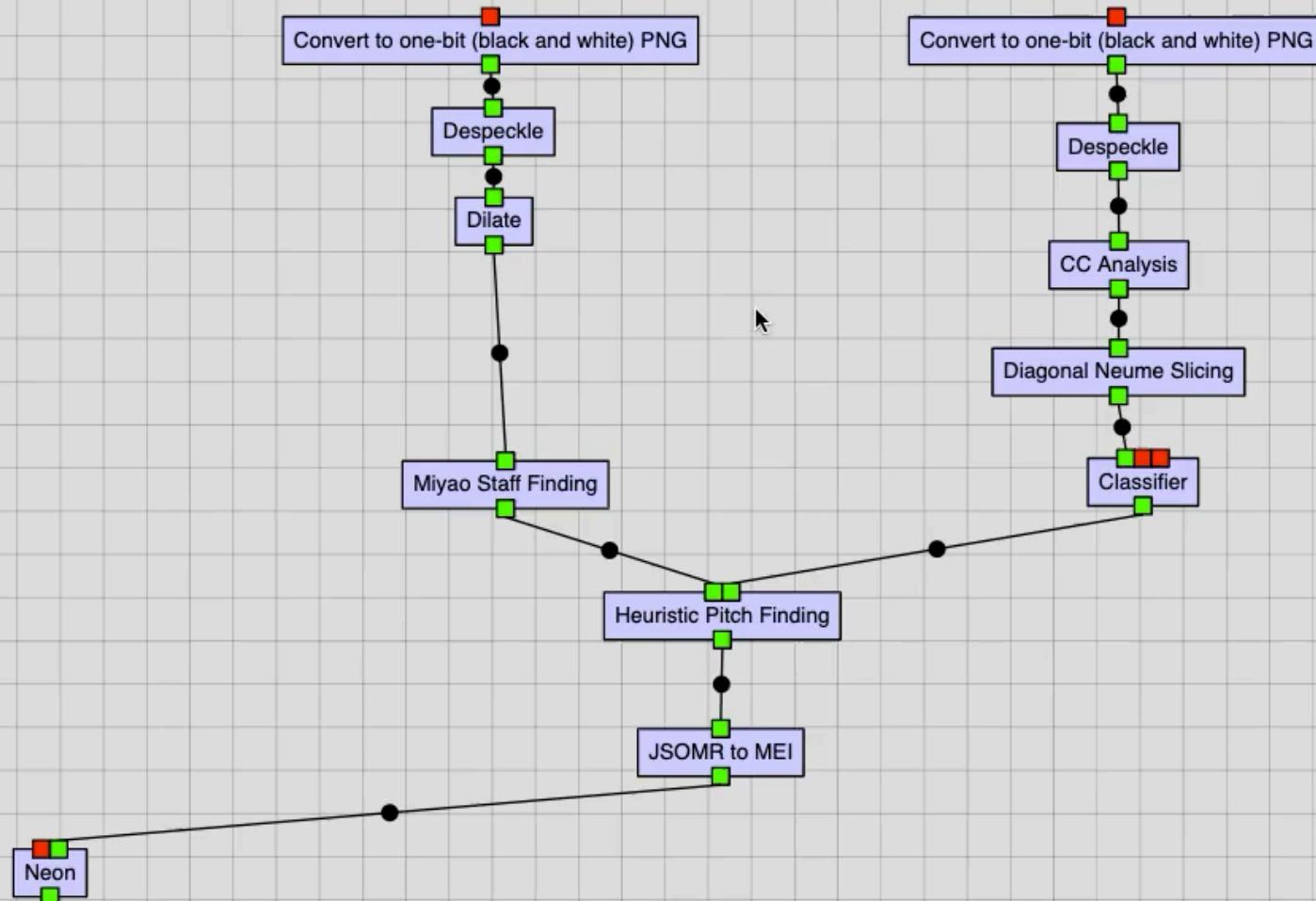
- Projects
 - Test Project
 - Resources
 - Workflows
 - Workflow Runs
 - Run Jobs



[About](#) [Dev](#) [Help](#) [Preferences](#) [Logout](#)

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
 - Matan Gover
 - Alex Daigle
 - Nicky Mirfallah
 - Andrew Hankinson
 - Peter Henderson
 - Andrew Horwitz
 - Rajarshi Rivu Khoda
 - Anton Khelou
 - Ruth Berkow
 - Brian Stern
 - Ryan Bannon
 - Deepanjay Roy
 - Wei Gao
 - Gabriel Vigliensoni
 - Wendy Liu
 - Ling-Xiao Yang
 - YiHong Luo



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