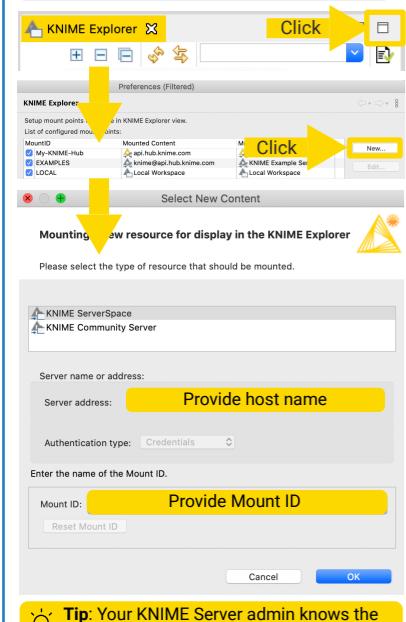


## Cheat Sheet: Working with KNIME Server: How to...

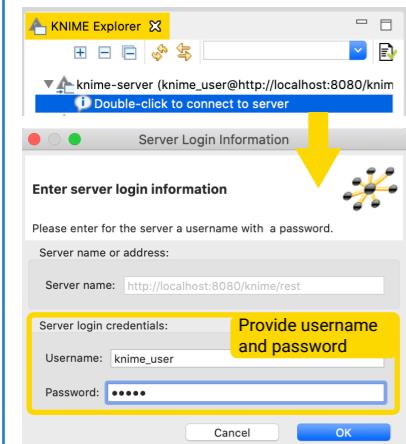
...connect to KNIME Server from KNIME Analytics Platform?

Step 1: Set up a connection (only the first time)

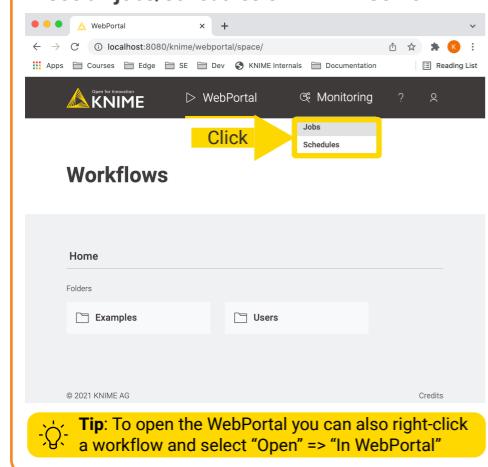


**Tip:** Your KNIME Server admin knows the host name

Step 2: Sign in



...see all jobs/schedules on KNIME Server?



**Resources**  
E-Books: KNIME Advanced Luck covers advanced features & more.  
KNIME Blog: Engaging topics, challenges, industry news, & knowledge nuggets from past projects. Both available at knime.com/knimepress

E-Learning Courses: Take our free online self-paced courses to learn about the different steps in a data science project (with exercises & solutions to test your knowledge) at knime.com/knime-self-paced-courses

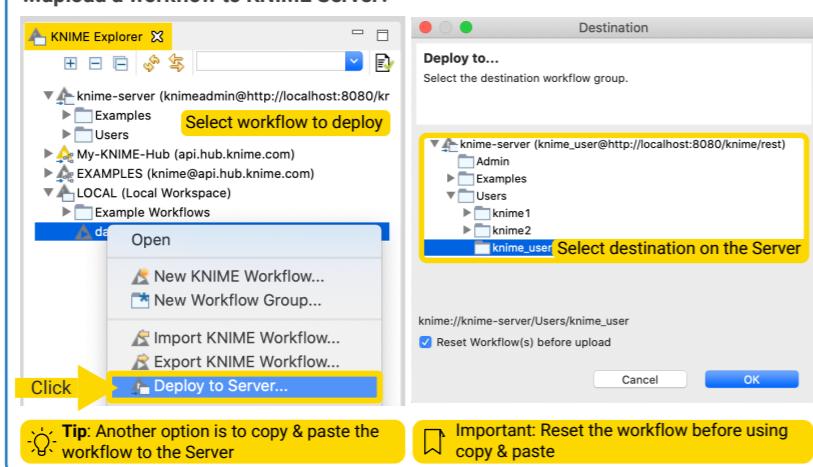
KNIME Hub: Browse and share workflows, nodes, and components. Add ratings, or comments to other workflows at hub.knime.com

KNIME Forum: Join our global community & engage in conversations at forum.knime.com/knime-server

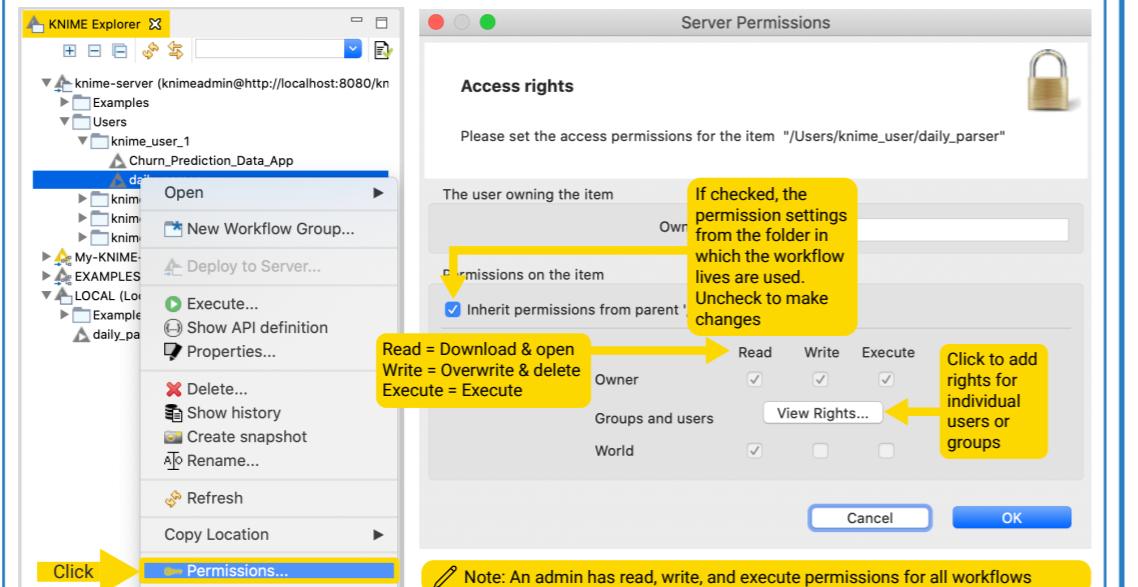
KNIME Server: For team-based collaboration, automation, management, & deployment check out KNIME Server at knime.com/knime-server

## COLLABORATION

...upload a workflow to KNIME Server?



...control who can see, execute, and overwrite a workflow?

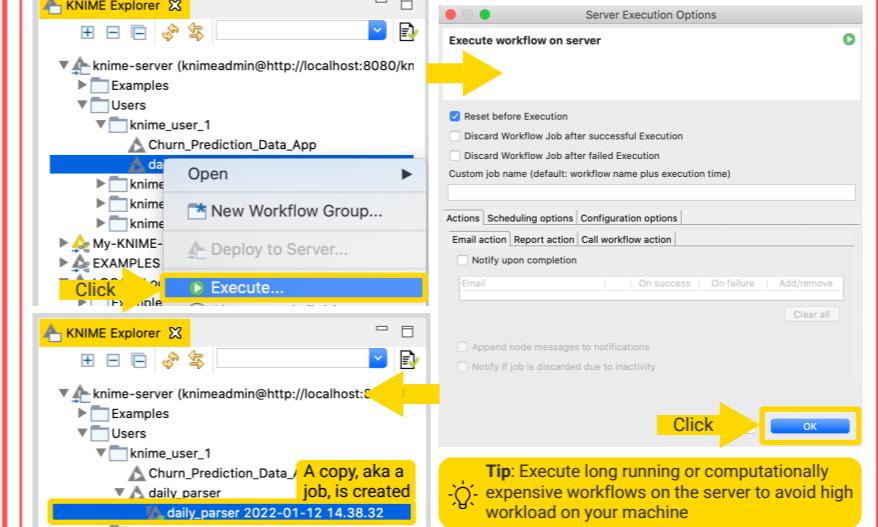


Checklist: Is your workflow Server-ready?

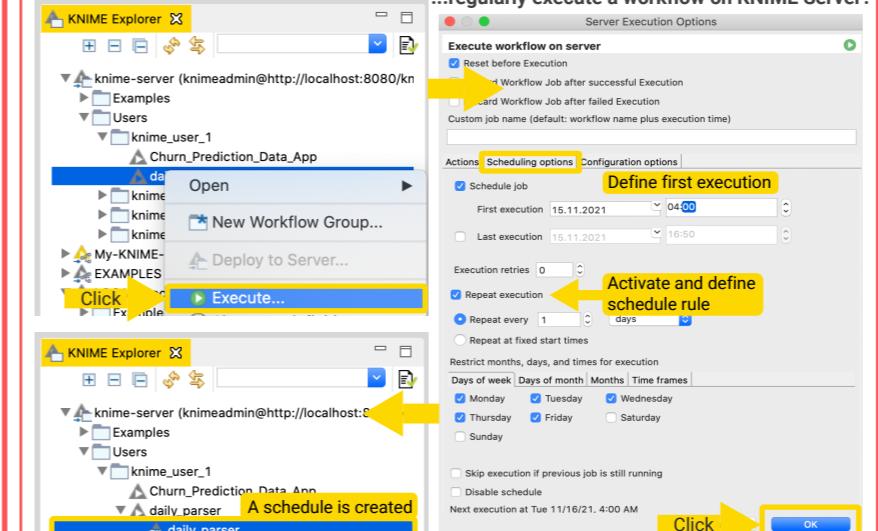
- Do all reader nodes use non-local file paths?
- Do all writer nodes use non-local file paths?
- Is your workflow documented so that your colleagues can understand it?
- Did you reset your workflow before or while uploading it?
- Does your workflow close all DB Connections?
- Do you pass all your credentials via credentials configuration / widget nodes?

## AUTOMATION

...execute a workflow on KNIME Server directly?

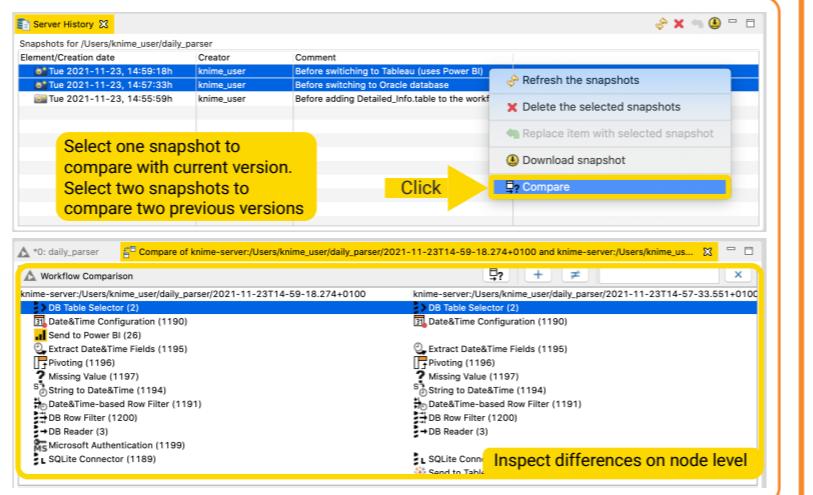
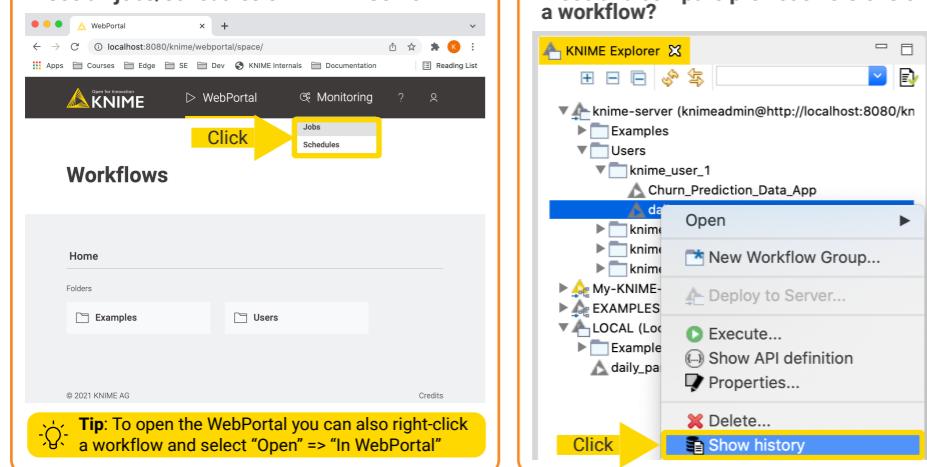


...regularly execute a workflow on KNIME Server?



## MANAGEMENT

...see and compare previous versions of a workflow?



...build and share a data app / a workflow that can be executed and shared via a Web Browser?

Step 1: Build the workflow with default values  
Step 2: Define the values / selections / tables / visualization a user wants to change / see  
Step 3: Think about when a user's input in the workflow is necessary, add a widget node before, and use the output to control the workflow  
Step 4: Define which input options and views should be on one page  
Step 5: Define which parts of a page should be updated after a user input and implement that via a Refresh Button Widget node or the Re-execution tab of a widget node (optional)  
Step 6: Create for each page of your data app one component with the widget and view nodes that should be included in the view, plus intermediate nodes  
Step 7: Define the layout for each component  
Step 8: Upload the workflow to KNIME Server and open it on the KNIME WebPortal via right click "Open" => "In WebPortal"  
Step 9: Test your workflow on the WebPortal  
Step 10: Share the link to the workflow with your colleagues

Login to the KNIME WebPortal, click the "?" in the header and open the KNIME Server REST API documentation to get an overview of the REST endpoint and their usage.

...build and deploy a REST Service?

Step 1: Define the input for your REST Service via a Container Input node  
Step 2: Define the output for your REST Service via a Container Output node  
Step 3: Upload your workflow to KNIME Server  
Step 4: Right-click your workflow and select "Show API definition" to try out your REST Service and to copy the URL for other applications

...change/ update a workflow on KNIME Server?

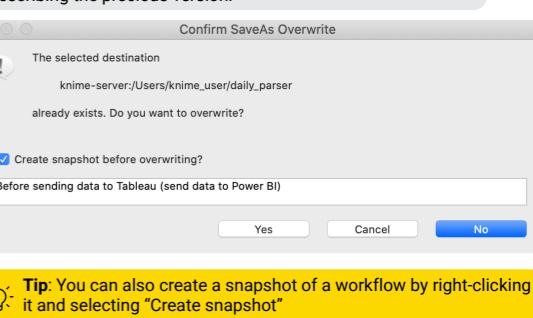
Step 1: Search for your workflow/job in the KNIME Explorer  
Step 2: Double-click the workflow to open local copy

Step 3: Change / Update the workflow

Step 4: Click on "Save As..."

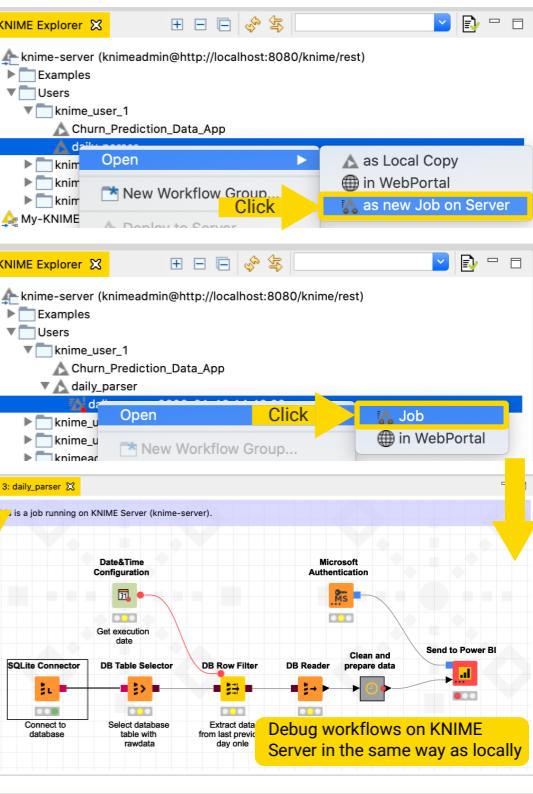


Step 5: Save the previous version as Snapshot. Add a comment describing the previous version.



...change / debug a workflow or job on KNIME Server?

Step 1: Install the extension "KNIME Remote Workflow Editor"  
Step 2: Search for your workflow/job in the KNIME Explorer



Extend your KNIME knowledge with our collection of books from KNIME Press. For beginner and advanced users, through to those interested in specialty topics such as topic detection, data blending, and classic solutions to common use cases using KNIME Analytics Platform - there's something for everyone. Available for download at [www.knime.com/knimepress](http://www.knime.com/knimepress).

