Cheat Sheet: Control and Orchestration with KNIME Analytics Platform

1. Use any of the nodes converting data into Flow Variables.
2. Use a Configuration or a Widget node to create a Flow Variable at any point in your workflow. Creating a Flow Variable
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Hidden Flow Variable Ports
Each node has hidden Flow Variable ports to accept incoming Flow Variables & propagate them to the upcoming nodes. To make them visible, right-click the node & select Show Flow Variable Ports. Only ports of the same type are connected.

Creating a Flow Variable
1. Use a Configuration or a Widget node to create a Flow Variable at any point in your workflow.
2. Use a Configuration or a Widget node to create a Flow Variable at any point in your workflow.

A Metanode or Component
1. Select all relevant nodes, right-click & select Create Metanode... for a Metanode or Create Component... for a Component. Right-clicking a Metanode or Component opens the context menu with a number of options such as open, expand, copy, or rename, and saves the template.

Orchestration

Node ports
Different types of data pass through different node ports. Only ports of the same type can be connected. There are some examples of ports for frequently used data types:

- Data Table:
- Flow Variable:
- Tree Ensemble Model:
- Database Connection:
- Spark Data:
- Image:
- HDFS:

Resources
- E-Books: KNIME Advanced Cover these advanced features & more.
- Practicing Data Science: A collection of data science case studies from past projects. Both available at knime.com/knimepress

KNIME Blog: Engaging topics, challenges, industry news, & knowledge nuggets at knime.com/blog

E-Learning Course: 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). Available at knime.com/learning

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
