FoodChain-Lab Overview

FoodChain-Lab
Overview

Available
Nodes

Tracing

Using GIS
data

Supply Chain Reader

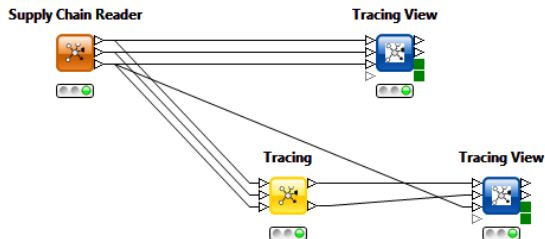**Tracing View**

Tracing

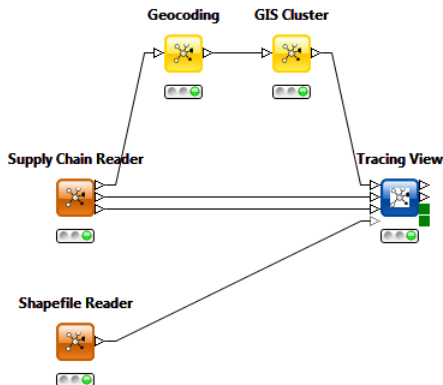**Shapefile Reader**

Geocoding

GIS Cluster

- Detailed descriptions all nodes are available in the **Node Description** view of KNIME.

- All inputs and outputs are either **data tables** (triangles) or **images** (green square). Therefore standard KNIME nodes (**Row Filter**, **Image Port Writer**, ...) can be used in FoodChain-Lab workflows.

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- Supply chain data is read from the internal database via the **Supply Chain Reader**.
- This data can be visualized with the **Tracing View**. The **Tracing View** also allows to perform a tracing on the data.
- The **Tracing** node performs tracing without visualization. Its output can be used in the **Tracing View** (e.g. to perform some tracings as a preprocessing step)

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- The **Geocoding** node allows to acquire latitude/longitude data from addresses.
- This data can be geographically clustered with the **GIS Cluster** node.
- The **Tracing View** allows geographical visualization, if GIS data is provided from the **Shapefile Reader**.