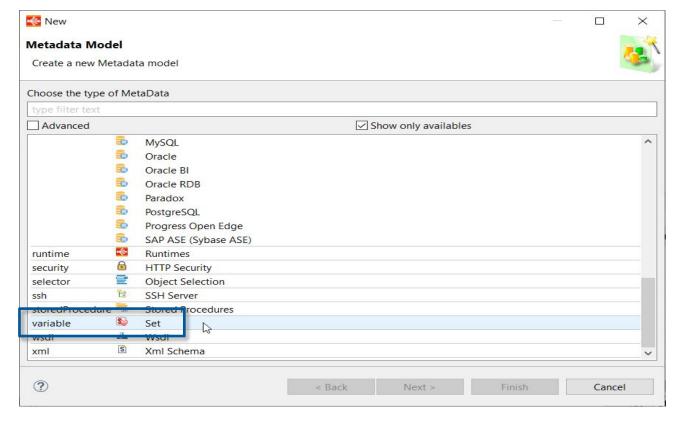






Variable Metadata may be used to store persistent values and re-use them

• Powerful way to define and use global variables in several processes





Palette

Link

Internet & Network

Miscellaneous

Empty action

Execute a delivery

Raise Error
Sleep

Operating System Command

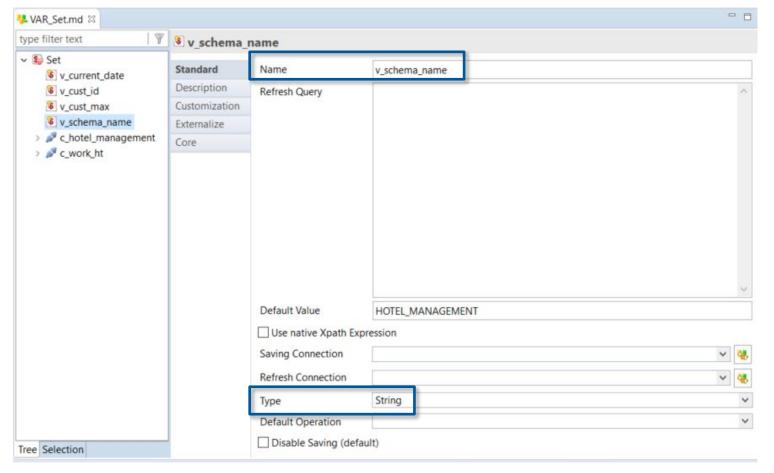
Variable Metadata

- Variables Metadata are fully objects
- They are reusable and configurable
- They are used in processes and mappings to parametrize executions
- They are managed through the palette action "Variable Manager"





Properties of Variable Metadatas must be defined to properly use them



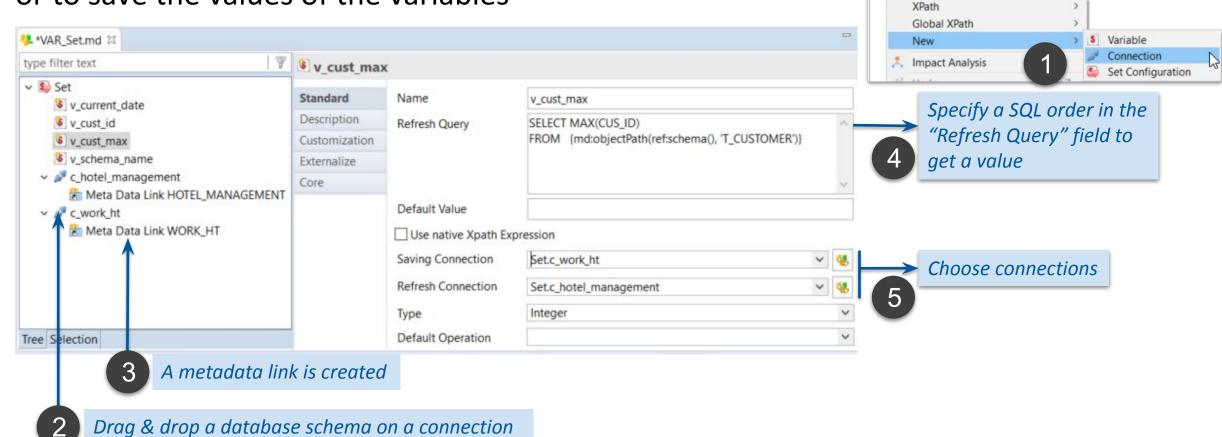


∨ 🔊 Set

Variable Metadata

Connection must be defined and used in case of "Refresh Query" specified

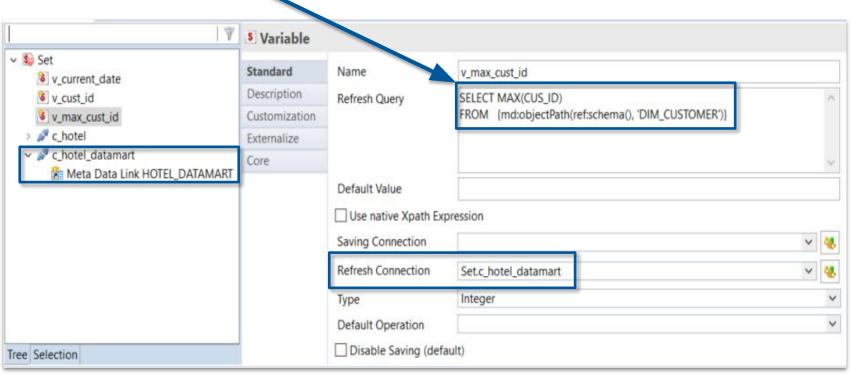
or to save the values of the variables





The syntax to refer to a schema in the "Refresh Query" of a metadata variable:

{md:objectPath(ref:schema(),'')}

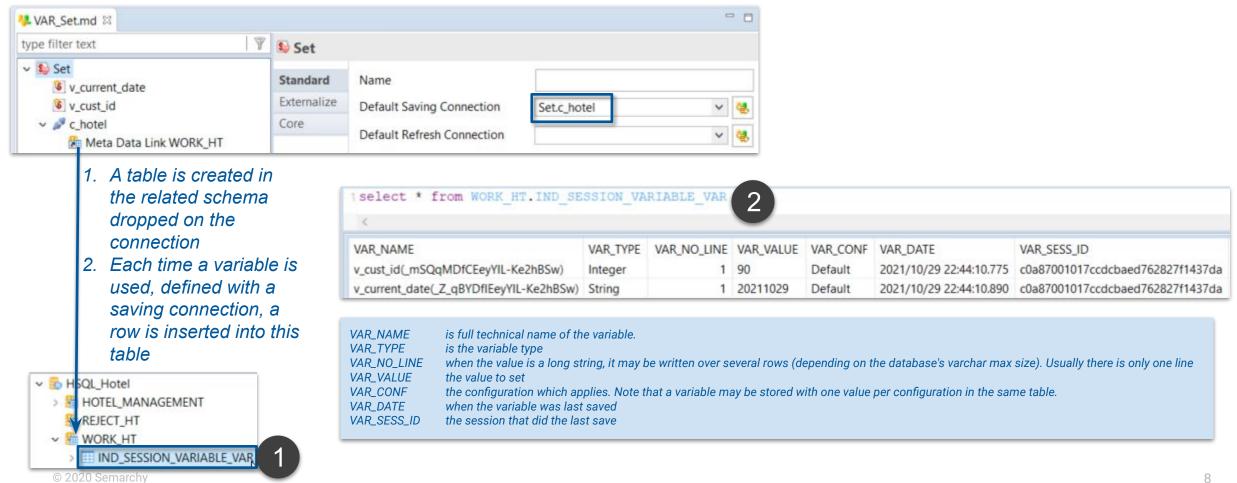




The schema will be the schema that is referenced (metadata link) in the Refresh connection

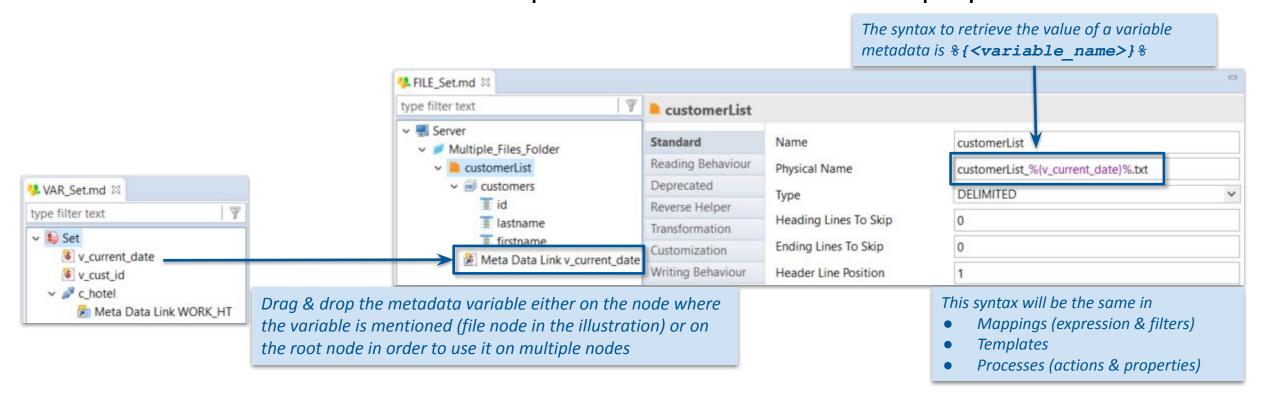


Saving connection can be defined on the "Set" node or on a "Variable" node





Variable Metadatas can be used to parametrize other Metadata properties



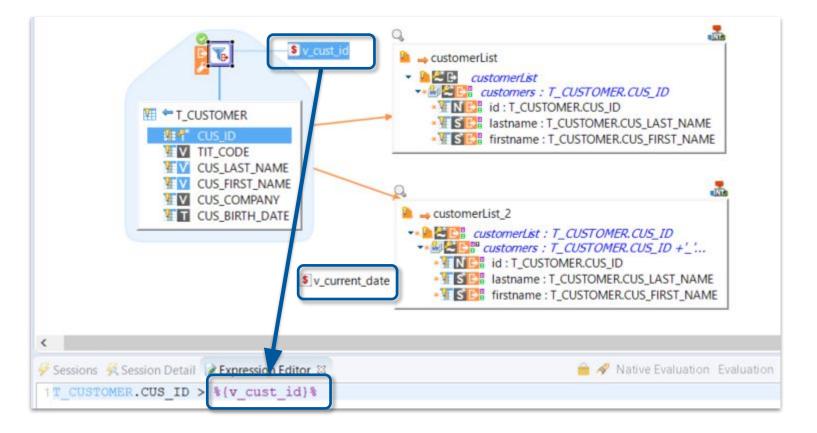


If the parametrized metadata is used in a mapping, the related variable Metadata must be drag & drop in this mapping



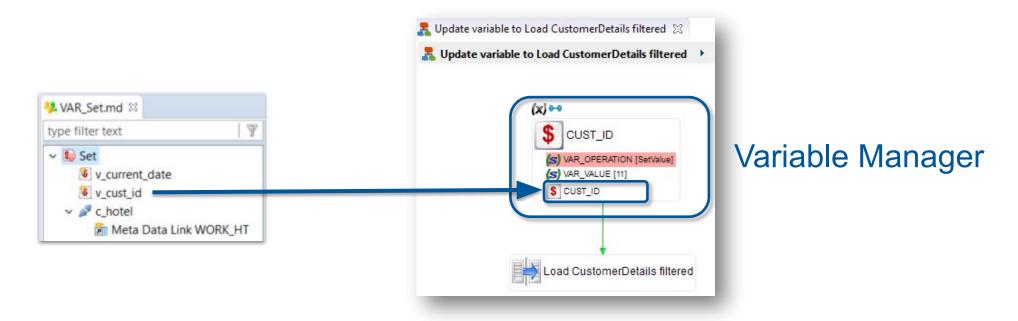


Drag & drop variable metadatas to use them in a mapping





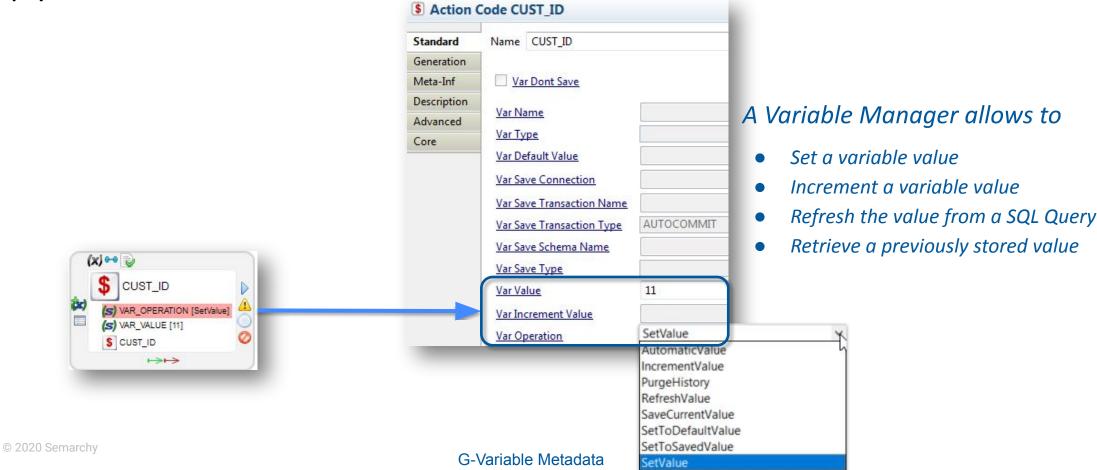
When the variable is drag & dropped into a process, an instance of a Variable Manager action is automatically created





In a Variable manager action, the "Var Operation" property drive the operation to

apply on the related variable metadata

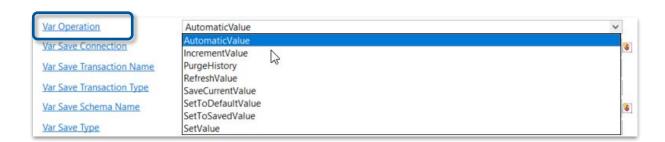


13



Choosing "AutomaticValue" in the "Var Operation" property of a Variable manager action will provide the following value, in order of precedence:





- 1. In-memory value of the Session
- 2. Latest saved value if any
- 3. Value returned by the Refresh Query if any
- 4. Default value of the Metadata Variable



If no value is found an error is raised!



Practice exercise

Create variable metadatas
Use them in a mapping and in a process







To go further

Document Type	Link
Stambia.org article Storing variables in a database for global use in several processes	https://stambia.org/doc/87-development-hints-and-tips/variables-and-parameters/how-t o/279-storing-variables-in-a-database-for-global-use-in-several-processes
Stambia.org article How to reference a schema in a variable's refresh query	https://stambia.org/doc/87-development-hints-and-tips/variables-and-parameters/how-to-o/61-how-to-reference-a-schema-in-a-variable-s-refresh-query
Stambia.org article How to use a variable as a table physical name	https://stambia.org/doc/87-development-hints-and-tips/variables-and-parameters/how-to-use-a-variable-as-a-table-physical-name

