

ExtractFromList

Summary

This block only works in the combination of a [SourceSelectionTag](#) (btibStructure > NodeTag > SourceSelection). It is used to extract its generated tag values and to convert them as artifacts.

Implementation

- Drag and drop the block from the palette
- Link the "execute" action from the "executed" topic of the previous block

Example

This block creates two artifacts:

- **master**: contains the selected entities by the SourceSelection tag contained in the origin (an office or a meeting room)
- **slaves**: contains all the other entities of the list of the SourceSelection tag

The screenshot shows the 'ExtractFromList' block configuration dialog. At the top, a small block icon is visible with the text 'ExtractFromList', 'Extract From List Block', 'Execute', and 'Executed'. The main dialog has a title bar 'ExtractFromList' and a subtitle 'ExtractFromList (Extract From List Block)'. It contains three input fields: 'Artifacts' with a '+' icon and two dropdowns (Selected: master, Unselected: slaves), 'Target' with the value '{origin}' and a help icon, and 'Slot Name' with the value 'b:masterSelection'. At the bottom are 'OK' and 'Cancel' buttons.

Properties

- **Artifacts**: Artifacts created by this block
 - **Selected**: component selected in the list created by the SourceSelection tag
 - **Unselected**: all the other components in the list
 - **All**: all components in the list (including both selected and unselected)
- **Target**: [SFormat](#) to define the component that contains the SourceSelection tag
- **SlotName**: [SFormat](#) to define the name of the tag in the target that is given by a SourceSelectionTag

Behavior: DO & UNDO

Creates artifacts with values given by the SourceSelection tag.