

# Example of Split Map Operator

## SciCumulus/C<sup>2</sup>

### 1. SPLIT MAP..... 1

This document is responsible to present an example, which we modeled a concrete workflow in SCC XML format to represent the behavior of Split Map operator. For this modeled workflow, it is possible to execute SCC, if the requirements were corrected installed and some parameters on XML file were changed, accordingly to your machine. Also, this example is composed of two activities. Figure 1 presents the structure of this workflow.

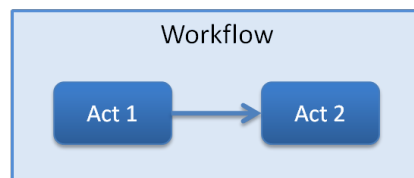


Figure 1. Default workflow structure for SCC example

### 1. Split Map

This example presents a workflow with two activities. The first activity is ruled by *Split Map* operator. Also, the second activity is ruled by *Map* operator. The *Split Map* operator is characterized by production of a set of tuples in the output relation from each tuple consumed in the input relation. The Figure 2 shows the input and output relations using a *SplitMap* operator.

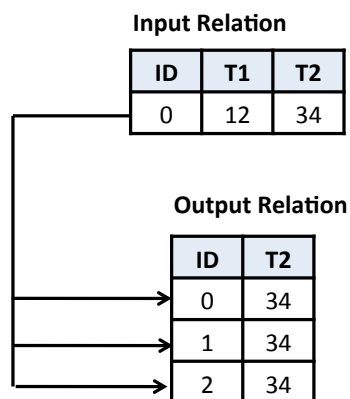


Figure 2. The input and output relations using *Split Map* operator