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Advanced Software Engineering – Task 5

Abstract: This document is used to collect all assumptions/considerations used to develop the necessary artifacts of this task and also acts as the result report.

Assumptions and considerations are used in the following as synonymous, meaning an own interpretation of the actual situation has been applied

Implementation Status "View Counter Using Groovy"

The implementation is performed in line with the sample project provided. Task 4 results are used (even if incomplete, **this is not part of the hand-in as everything stayed unchanged**). The counting functionality is limited to "Article" elements, no other page content is counted or used.

For the counting functionality a map is introduced that holds as key the article name and as value the view count. This map is currently not persisted. Each transformation as triggered by a double-click on the tree is monitored and increases or initializes the article count.

The map is then sorted and printed in the console, only the top 5 elements if existing.