NESTOR—Integrated Tools for Active Navigation and Constructive Learning

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In order to involve learners in the meaningful cognitive processing of the delivered information, we need cognitive tools such as knowledge-based navigational aids. We present NESTOR Navigator, a graphical web browser, which allows constructive navigation with the help of a visual map and supports collaborative learning. NESTOR’s approach is to provide an interactive environment where users construct themselves their knowledge. One of the main objectives of NESTOR, beyond engaging learners in constructive browsing, is to support the asynchronous and synchronous exchange of browsing experience among a group of learners.