

Next-Viz: A Literature Review and Web-Based Visualization Tool Proposal

Authors : Raily Hugo, Igor Aguilar-Alonso

Abstract : Software visualization is a powerful tool for understanding complex software systems. However, current visualization tools often lack features or are difficult to use, limiting their effectiveness. In this paper, we present next-viz, a proposed web-based visualization tool that addresses these challenges. We provide a literature review of existing software visualization techniques and tools and describe the architecture of next-viz in detail. Our proposed tool incorporates state-of-the-art visualization techniques and is designed to be user-friendly and intuitive. We believe next-viz has the potential to advance the field of software visualization significantly.

Keywords : software visualization, literature review, tool proposal, next-viz, web-based, architecture, visualization techniques, user-friendly, intuitive

Conference Title : ICSVSE 2023 : International Conference on Software Visualization in Software Engineering

Conference Location : Amsterdam, Netherlands

Conference Dates : May 04-05, 2023