

Visual Navigation of Complex Information Spaces

Sarah North, Max North, Max North, Nazir Warsi, Nazir Warsi

Abstract

The authors lay the foundation for the introduction of visual navigation aid to assist computer users in direct manipulation of the complex information spaces. By exploring present research on scientific data visualisation and creating a case for improved information visualisation interface utilizing dynamic slider, called Visual-X, incorporating icons with bindable attributes (glyphs). Exploring the improvement that these data visualisations, make to a computing environment, the authors conduct an experiment comparing traditional interfaces and Visual-X. Methodology is presented and conclusions reveal that the use of Visual-X appears to be a promising approach in providing users with a navigation tool that does not overload their cognitive processes.

Full Text: [PDF](#)