

# Space-time configuration for visualisation in information space

# 112

**Ava Fatah gen. Schieck**

University College London, UK

## Abstract

This paper investigates placing the time-history events of a project related folder produced by a project team in a virtual linear spatial configuration, in order to reveal the usually hidden relationships between separate strings of information. This demonstrates the possibility of exploring the history of the events that have taken place on documents in a project folder, as various members make changes to its content, through explicit spatial syntactic relationships. Furthermore we provide a tool for managing and inspecting the folders contents: the DocuDrama tunnel.

Here we present preliminary findings showing how spatialised time-history visualisation may lead to a better understanding of the project related events history. First we outline the motivation and strategy for this approach, followed by a description of the approach and the three-dimensional model with the representation of various DocuDrama elements. The section on implementation specifies a range of interfaces available in the DocuDrama architecture. Finally, we give an account of example configurations for different three-dimensional DocuDrama models generated, using data from the TOWER<sup>1</sup> application partners. This specification has been implemented as a full prototype, which forms a part of the TOWER environment.

## Keywords

Visualisation of events history, management tool, dynamic architecture, collaborative virtual environments

ucftajf@ucl.ac.uk

## 112.1

## Notes

<sup>1</sup> <http://tower.de>