Visualizing Parallel Workspace Activities
Anita Sarma and André van der Hoek
Institute for Software Research
University of California, Irvine
{asarma, andre}@ics.uci.edu
ISR Technical Report #UCI-ISR-02-8
January 2003

Abstract: Palantir is a configuration management workspace awareness tool that continuously informs developers of the changes that are made in parallel by other developers in other workspaces. In order to achieve its goal of reducing the number of merge conflicts when developers commit their artifacts, Palantir deliberately breaks traditional workspace isolation in order to promote better coordination of parallel activities. In this paper we examine four different visualizations that developers can use for visualizing the activities in other workspaces. We discuss their strengths and weaknesses, role within Palantir, and opportunities for future improvements.