The Patchworks Code Editor: Toward Faster Navigation with Less Code Arranging and Fewer Navigation Mistakes

Scott Fleming

# Introduction

* Navigational efficiency is a problem.
  + Sensemaking - Evans2008CHI, Grigoreanu2012TOCHI
* File-based editors are the traditional means of navigation, but they stink.
  + Lots of time spent nav in Eclipse - Ko2005ICSE
* To help these problems, others have tried generating shortcuts, but the inefficiencies of the file-based paradigm remain.
* Still others have tried a new paradigm---canvas-based editors.
  + Here’s what they are
* But canvas-based editors may have problems too.
  + Here are some
* To address these concerns, we propose Patchworks.
* In this paper, we explore the following RQs regarding Patchworks.
  + List them here
* Our work makes several key contributions.
  + List them here