Objectives

Refactoring

May 29, 2009

Wrapping up Software Tools





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Murphy-Hill, ICSE 0











Do Programmers Use Refactoring Tools																
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	Ŗ	Ŗ	Ŗ	\mathbb{R}^{2}	Ŗ	Ŗ	R	R	R	R	R	R	R	R	R	
	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
	R	R	R	0	89% of refactorings											
	R	R	R		were done without a tool											
	R	R	R	R	among toolsmiths.											
	R	R	R	R												
	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
2	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	- 09

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Goal: Productivity Many available tools UNIX & UNIX-like systems (e.g., Linux) Open-source (Gnu, Apache, Eclipse) Proprietary Variety of purposes Know what (free) tools are available, what they do, how to use them

- > Use a variety of Unix tools
- > Apply a variety of tools to automate many tasks
- > Describe the use of state-of-the-art software tools for developing and maintaining large software systems, based on hands-on experience
- > Discuss when best to use different tools, the limitations of the tools, and what they have to offer
- Discuss the challenges and strategies in building software tools
- > Communicate technical content in both oral and written forms Sprenkle - CS297

May 29, 2009

