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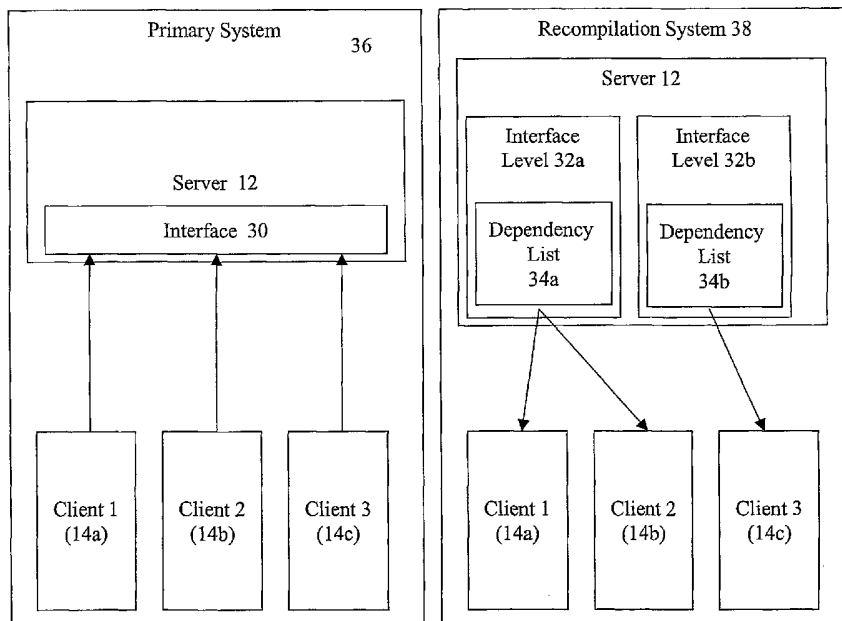
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(54) Title: REDUCING RECOMPILATION FREQUENCY



(57) Abstract: An article of manufacture and a method includes providing a system having an interface, dividing the interface into levels, associating a dependency list with a level, associating a client with the dependency list, and marking the clients associated with a dependency list for recompilation based on a change to a global component.

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# INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. G06F9/44

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>HELMUT HEROLD: "make - Das Profitoool zur automatischen Generierung von Programmen (Pages 36-57)" 15 March 2003 (2003-03-15), ADDISON-WESLAY, MÜNCHEN, XP002378407 ISBN: 3-8273-2095-X. page 37 - page 56; figure 2.4</p>	1-33
L	<p>[Online] XP002378405 Retrieved from the Internet: URL: <a href="http://www.pear-forum.de/amazond_382732095X.html">http://www.pear-forum.de/amazond_382732095X.html</a> [retrieved on 2006-04-24] Proves publication date of document XP002378407.</p> <p style="text-align: center;">----- -/--</p>	

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Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	STALLMAN R M ET AL: "GNU Make - A program for Directing Recompilation - Version 3.77 - Chapters 1-8" GSF, May 1998 (1998-05), XP002158175 Section 2.2, page 4 -----	1-33