Appendix A: Dictionary of Terms

Term	Description	Source
`bs_search`	Main cgi-bin script used to access the PBS.	Holt Group
`cfx`	Extracts facts from C source code into an intermediary format that is readable by `fbgen`.	Holt Group
factbase	A database of facts (syntactic information) about a software system.	
`fbgen`	Converts data from `cfx` into a factbase.	Holt Group
GCL	--see General Concordance Lists	
General Concordance Lists	A general purpose query language for structured texts.	[Clarke95a, Clarke95b]
`grep`	A UNIX utility that matches regular expressions within a file; more generally, a family of tools with this functionality.	UNIX operating system
`grok`	Used for manipulating binary relations and can perform select, join, intersections, and transitive closure.	Holt Group
`lslayout`	A Java applet for drawing Software Landscapes inside the PBS.	Holt Group
PBS	--see Portable Bookshelf	
PL/IX	A variant of the PL/I programming language created by IBM.	
`plix2rsf`	Generates a factbase for PL/IX source code.	U. of Victoria
Portable Bookshelf	A web-based documentation repository that integrates Software Landscapes, system documentation, and other HTML files. Also known as PBS.	Holt Group [Farman97]
Refine	A reverse engineering tool design to automatically migrate code based on a formal specification.	Reasoning Systems [Markos94]
Rigi	A tool suite to explore and manipulate a software system represented as nodes and edges.	[Müller93]
Rigi Standard Form	A syntax for storing information about a software system based on triples. This format is a precursor to TA. Also known as RSF.	University of Victoria
RSF	--see Rigi Standard Form	
Software Bookshelf	A metaphor for a shared repository of information about a software system.	[Finnig97]

Term	Description	Source
Software Landscape	A visual representation of a software system that uses a nested box formalism.	[Penny92]
TA	--see Tuple Attribute Language	
Tuple Attribute Language	Syntax for describing coloured graphs, i.e. nodes, edges, and their attributes. Also known as TA.	[Holt97]