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reverse engineering research environment

Open-Source Project

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A set of specialized tools and technologies for research in the fields of reverse code engineering and low level binary analysis

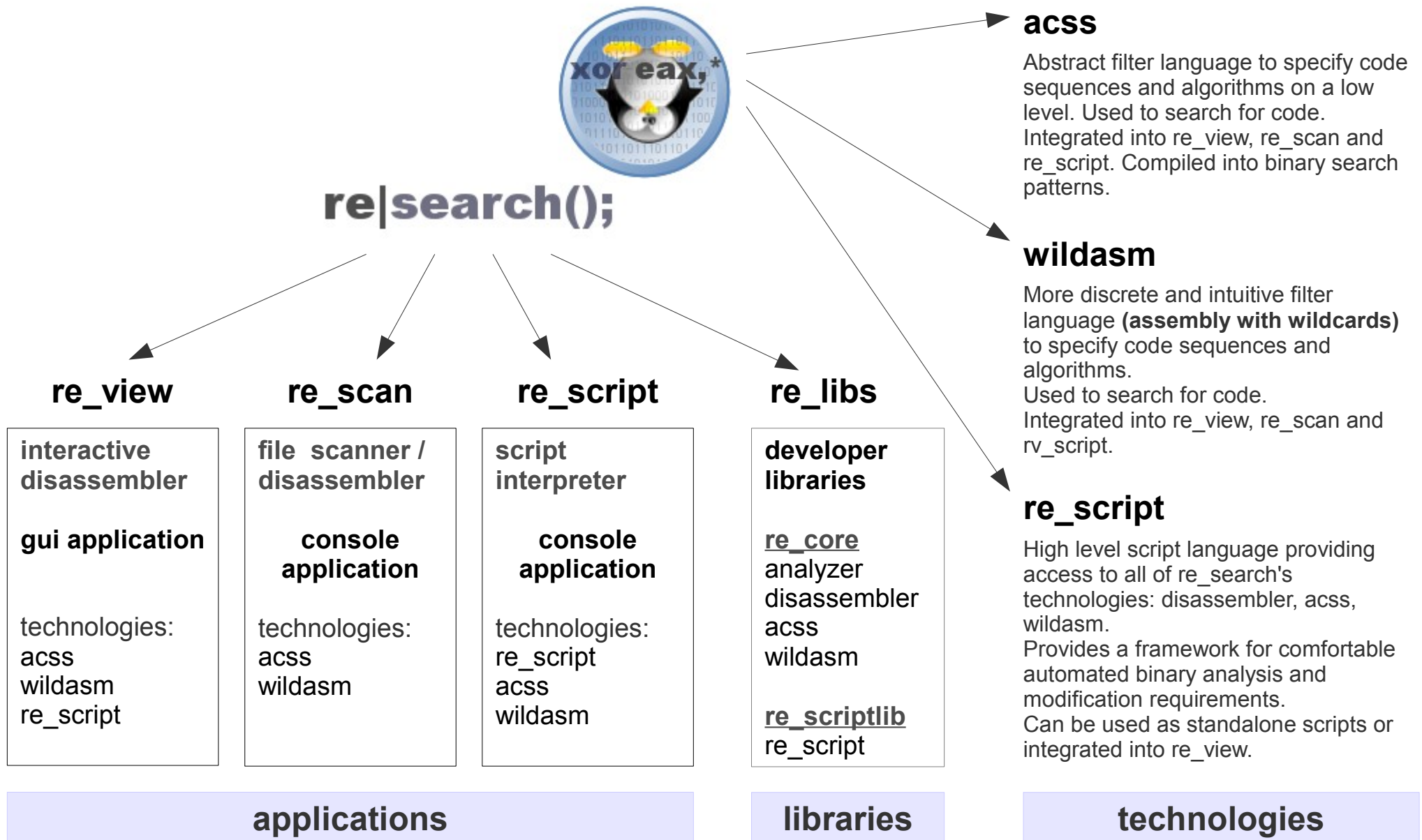
Intended purpose, operational area

General low level code analysis, malware analysis, binary auditing, education  
Security business, professional trainings, schools and universities, software-developers, ...

Tools, technologies

Interactive disassembler, commandline disassembler / analyzer / scanner  
Specialized object oriented scripting language, standalone script interpreter  
Integrated abstract code sequence / algorithm search facilities on 2  
abstraction levels – stronger and more flexible than any existing antivirus  
scan engine  
Shared libraries providing all functionality of **re|search();** for building derived  
own software easily

Open Source, platform independent, free



re_core	re_logger	re_acss_expression	re_wildasm_expression	
	re_file	re_acss_compiler	re_wildasm_compiler	
	re_file_elf32	re_acss_library	re_wildasm_library	
	re_file_pe32			
	re_file_raw32	re_acss_syntaxhighlighter	re_wildasm_syntaxhighlighter	
	re_target			
	re_disassembler	re_disasm_thread	re_address_descriptor	
re_scriptlib	re_script_engine	re_script	re_script_highlighter	
re_view	rv_target	rv_disasm_model	rv_elf32_shdr_model	rv_dynview_xrefs
	rv_disasm_view	rv_hexedit_model	rv_elf32_phdr_model	rv_dynview_insn
		rv_fileinfo_model	rv_elf32_ehdr_model	rv_dynview_hexdump
		rv_tag_processor	rv_pe32_nthdr_model	rv_tag_delegate
		rv_comment_processor	rv_pe32_shdr_model	rv_tag_editor
		rv_acss_lib_processor	rv_wildasm_lib_processor	
re_scan	...			
re_script	...			