Analizo: an Extensible Multi-Language Source Code Analysis and Visualization Toolkit

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Introduction









Related work

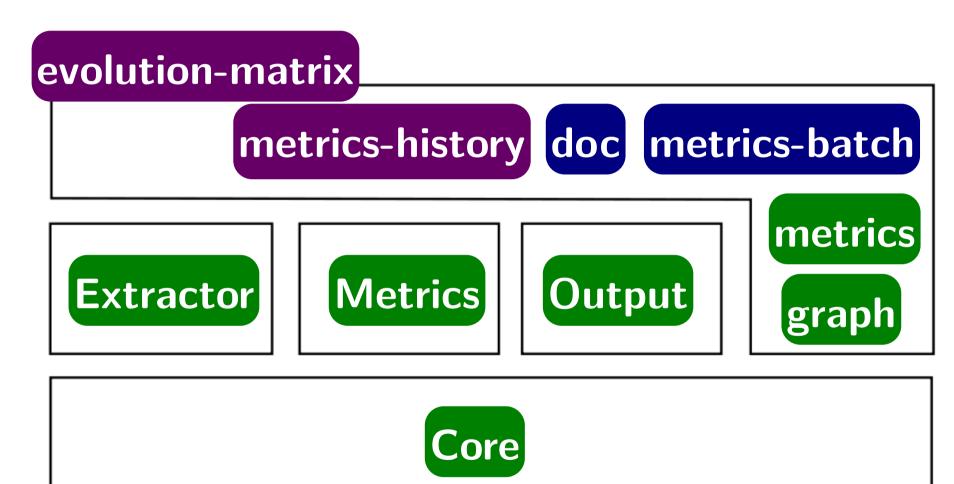
Requirement	CCCC	Cscope	LDX	CTAGX	CPPX
Language support	C++, Java	С	C, C++	С	C, C++
Extensibility	No	No	No	No	No
Maintained	Yes	Yes	No	No	No
Handles non-compiling code	Yes	No	No	No	No

Table 1. Found tools versus posed requirements



Architecture





Doxyparse (Doxygen)

Features



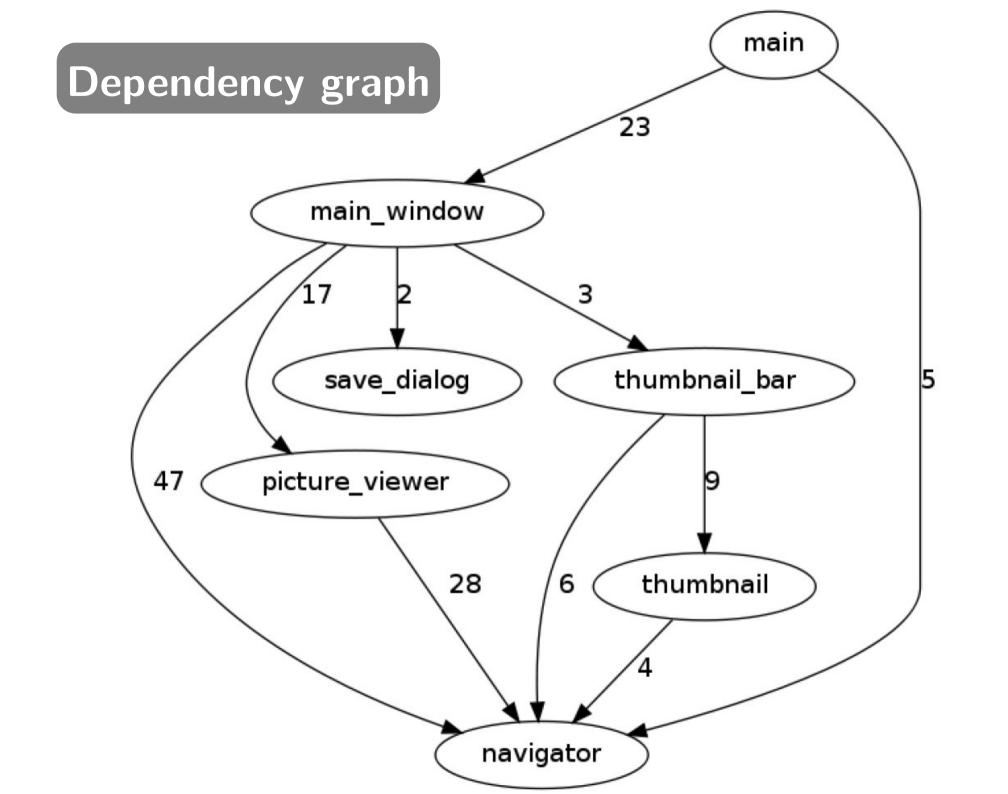
Metrics – batch processing

Metrics – history processing

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Evolution matrix

Module	0.0.2	0.0.3	0.0.4	0.0.5	0.0.6	0.0.7	0.0.8	0.0.9	0.0.10	0.0.11	0.0.12	0.0.13	0.0.14	0.0.15	0.0.16	0.0.17	0.0.18	0.0.19	0.0.20	0.0.21	0.0.22
thumbnail_bar																					
main_window																					
save_dialog																				-	-
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main					0	0	0	0	0	0	0	0	0	0		0			0		
picture_viewer																					
navigator																					



Final remarks

Some points

- Source code analysis for C, C++ and Java and others.
- Online documentation (--help)
- Free software!

calcula as métricas para um único projeto leva poucos minutos. Além disso, a Analizo já está testada para avaliar código C. C++ e Java, diferentemente de outras ferramentas que

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