



Application Analyser Understanding Your Applications

Developing a fact-based Application Roadmap: to take the next step, you need to understand where you are now.

The challenge

Your applications are very valuable to your business – that is why you still use them. Mature systems are typically very complex and have been developed over many years. It is often the case that the first generations of developers have moved on. Whether you stay on older applications or look at options to move functionality, it is critical that you have the ability to analyse, maintain and enhance the business logic.

Application Analyser provides an interactive solution that allows any developer to understand, maintain and enhance your legacy applications. As a result, the viability and business value of your legacy applications are dramatically enhanced and your costs and time to production are reduced.

The benefits

Analysts estimate that 30% to 50% of IT budgets are spent on application development and maintenance (ADM), but only 56% of ADM projects are completed on time, with as little as 27% considered a complete success.

Maintaining the systems and data to support strategic planning, business analysis, ongoing IT maintenance and modernisation is a continuous and time consuming task. Utilising Application Analyser can significantly reduce ADM efforts reducing project costs and timeframes by 25% or more. The more complicated the applications being worked on the greater the savings.

The solution

Application Analyser is a comprehensive application understanding tool covering all of your application sets. Your ability to interact with your applications is complete – from bottom-up source code parsing and inspection to top-down strategy planning.

By parsing the production source code to identify and categorise every single language component, it maps and identifies the inherent relationships between those components. Semantic relationships between languages, technologies and platforms are connected and the end result is a complete inventory and relationship map of every application element within the portfolio across Linux, Unix, Windows, OpenVMS and more.

Application Analyser



Features

- > Portfolio metrics
- > Complexity ratings
- > Function point analysis
- > Relationship analysis
- > Comprehensive connectivity diagrams
- > Application flowcharts
- > Portfolio technology analysis
- > Orphaned code review
- > Embedded source views of linked code
- > Application portfolio metrics and technology inventory
- > Visual program and data relationship analysis
- > Change impact analysis
- > Development task estimation
- > Dead and orphaned code analysis
- > Source code display

Benefits

Parser calibration / customisation

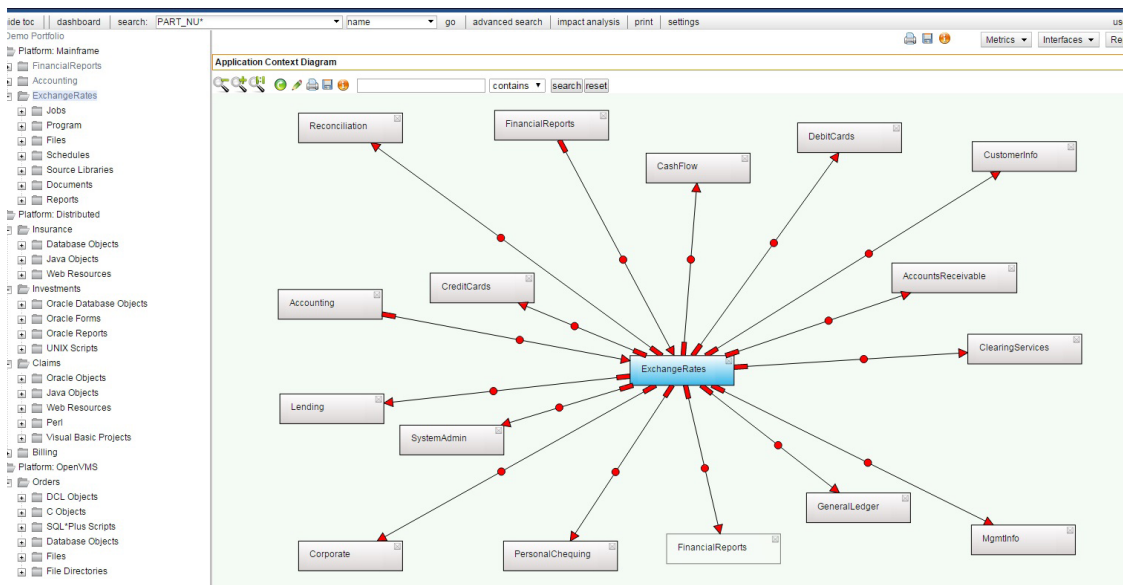
Any non-standard, client specific language constructs, extensions or pre-processors will be calibrated into the APM analysis. Other “out-of-the-box” parsers either trip up on such non-standard programming, or simply ignore it. The end result of Application Analyser is that true insight into your applications is achieved.

Cross-Platform coverage

Multi-platform relationships are automatically mapped: Front-end to back-end

- > Messaging protocols – FTP, MQ Series, SOA
- > Custom mapping rules
- > Continuous cross-system, cross-application flow discovery
- > Linux, Mainframe, OpenVMS, Unix, Windows, etc.

Every item within the portfolio is seamlessly integrated



Application Analyser

Application technologies				
Languages	IMS DC including MFS	TAL (HP Tandem) Tiles	Sybase	SOA Artifacts
ACMS	Java	UBL	T-SQL (Sybase)	SOAP
ASP / ASP.Net	JavaScript	Umbrella	UDB	UDDI
Assembler	JCL	VBScript	Rbd	WSDL
Awk script	JSP	Visual Basic / VB.Net	ETL Tools	XMI
*Basic	Makefile	Unikix TPE	CA Advantage Data	XML
C	Mark IV	*Some configuration required.	Transformer	XPath
C#	MQ Series		CA InfoRefiner	XQuery
C++	Natural		Cognos Data Manager	XSLT
CICS including BMS Maps	NDM scripts	Databases	DataStage	Infrastructure - Schedulers
CL (AS/400)	Netron Cap	Adabas	Informatica	AutoSys
CLIST	Oracle Forms	Alpha		CA-Jobtrac
COBOL	Oracle Reports	DB2	Documents	CA-7
CSS	*Pascal	DDL	CA Gen (AllFusion, COOL:Gen, AdvantageGen, IEF)	Control-M
DCL	Perl	DTS Packages (SQL Server)	DCF	cron
DCR	PL/1	Image/SQL (HP)	JavaDocs	ECS
DDS (AS/400)	PowerBuilder	IMS DB – PSB, DBD	MS Office	ESP
DOS Scripts	Pro*C	Informix MS Access	PDF	Maestro
Easytrieve	QMF	ORACLE	RTF	NetBatch (HP Tandem)
Focus	REXX	PL/SQL (Oracle)	VBA	Robot (AS/400)
*Fortran	RPG / RPG LE (AS/400)	Postgres	Visio	Zeke
FTP scripts	SAS	SQL	Rdb	
GDF	Shell script	SQL Server		
Hibernate	Struts	Supra		
HTML	TACL (HP Tandem)			
Unlisted technologies can be added as required				

Application Analyser

Where can Application Analyser help?

Application Analyser helps development managers to:

Remove the risk of knowledge loss



Remove the risk of knowledge loss due to 'brain drain' by providing ready access to information typically accessed through tribal knowledge

Save time and money



Save time and money by improving developer productivity

Provide visibility



And give management the visibility to make accurate plans about your application portfolio and other IT related initiatives.

More information

w oneadvanced.com
t +44(0) 8451 605 555
e hello@oneadvanced.com

Ditton Park, Riding Court Road, Datchet, SL3 9LL

Advanced Computer Software Group Limited is a company registered in England and Wales under company number 05965280, whose registered office is Ditton Park, Riding Court Road, Datchet, SL3 9LL. A full list of its trading subsidiaries is available at www.oneadvanced.com/legal-privacy.