



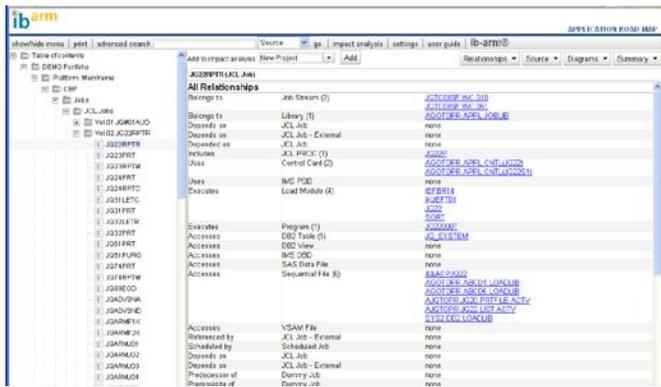
# Application Road Map

Discover, understand, document, assess and manage the application portfolio.

**Application Road Map (ARM)** is a comprehensive Application Portfolio Management / Application Discovery solution that provides IT staff with a repository of application intelligence that helps reduce everyday task cycle time. The **Analyst Workbench** delivers end-user functionality while the **Administrator Workbench** automates the creation of repository content.

## Analyst Workbench

The **Analyst Workbench** includes a rich set of functionality to assist with the understanding and analysis of the application portfolio.

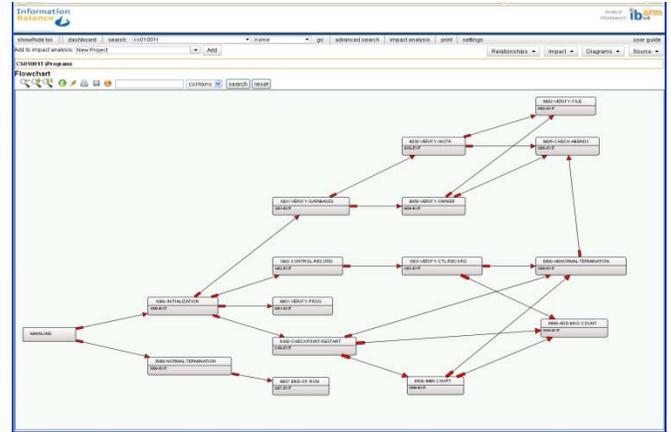


From the component (metadata) inventory to the series of relationship maps users can easily navigate and trace all captured component types and their relationships, intra- and inter-application. The tool's search facility allows fast access to metadata component and source references across all included technologies. From simple to complex searches users can use a variety of wildcards and filters to define very specific, precise search targets. The extended search facility eliminates step-by-step tracing along relationship paths and provides a one-click snapshot of related components.

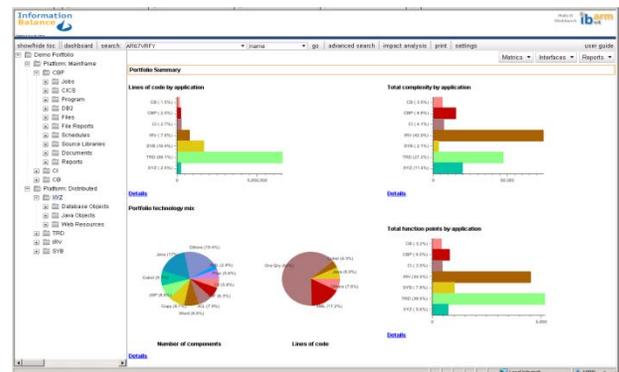
ARM's impact analysis facility is a sophisticated extension of the tool's extended search capability. It is based on tracing direct and transitive relationships via data-flows up and down stream as they exist in the application. It provides true impact based on configurable analysis rules. Impact can be quantified in terms of effort and cost.

IB-ARM delivers extensive visualization of the inherent application structure. Call trees, job flows, flow charts, inheritance diagrams, physical data model diagrams are generated dynamically to help enhance the application discovery and understanding process.

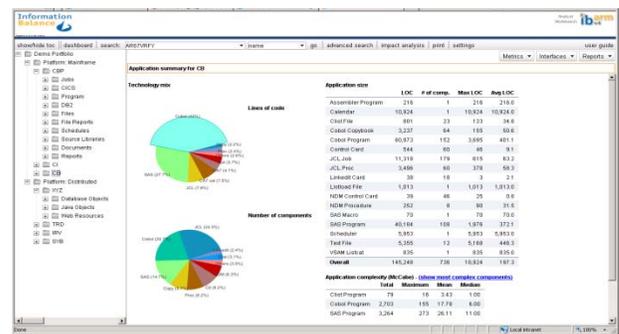
Diagrams are easy to navigate, and can be searched, printed and exported.



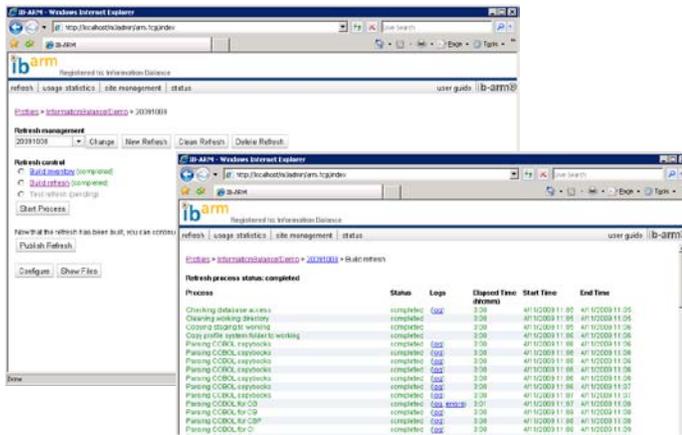
The portfolio and application dashboard-s present a variety of information that enable the critical assessment of applications and their subsets. The portfolio dashboard offers a series of top-down views of the application suite, focusing on interfaces and inter-application touch-points. Drill-down capability helps the user to dive into details in just a few clicks.



Application metrics – size, complexity and quality – are generated directly from parsed source code for each application and the portfolio as a whole, and presented on respective application dashboards.



## Administrator Workbench



The main function of the **Administrator Workbench** is automated content generation, utilizing ARM's extensive **parser set**, **relationship mapping engine** and **load facility**. A proprietary parser generator framework allows the creation of new parsers when new technologies are encountered. It is important to note that every source is PARSED, not scanned; ARM always generates a semantic interpretation of the parsed source based on pre-defined grammar. The standard parsers cover all mainstream mainframe, client-server and web technologies.

In addition to content generation, the Administrator Workbench also provides for a variety of housekeeping functionality: from **user administration**, log management, **site configuration** to performance monitoring and tuning.

### Features

- Multi-platform and multi-language support (mainframe, client/server, Web), all source elements parsed
- Connects documentation, models, diagrams, etc. to application source; application source and executables to infrastructure
- Provides automated discovery and complete inventory of all IT artifacts and their relationships
- Advanced search of meta-data and source code across platforms / languages / IT information silos
- Impact analysis, metrics, logging
- Extensive diagramming and visualization
- Fully extensible repository on any relational database platform

### Benefits

- Institutionalized application and process knowledge of systems; knowledge across the IT department – not by just a few
- Exposes application connectivity across heterogeneous technology platforms
- Single point access to all information, regardless of original source
- Reduced assessment, analysis, QA/Testing, maintenance costs
- Significantly reduced learning curve for new employees / contractors
- Faster project delivery, at a lower cost, with better quality
- Fact based metrics to support application assessment and evaluation

**Why ib-arm?** The benefit of **ARM** is transparent insight into the technology and application architecture of a single (or multiple) application(s) with accompanying and relevant metrics. This allows IT shops to effectively deploy resources and set their maintenance priorities. ARM delivers a seamless roadmap into applications across technology platforms significantly increasing productivity of most standard day-to-day tasks. ARM is particularly indispensable in shops with aging and diminishing application knowledge; the ARM repository serves as the shop's institutionalized knowledge base.

Industry and IB's own client benchmarks have confirmed **15-25% overall savings** of IT costs related to projects. Typical ARM implementations have complete **payback within 9-12 months**.

### About Information Balance, Inc.



**Information Balance, Inc.** develops software solutions to support large scale application development and maintenance practices across mainstream technology platforms. Its flagship product **Application Road Map (ARM)** is a unique Application Portfolio Management (APM) solution. The company's clients include leading financial services, insurance, telecommunications and retail organizations across North America.

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