

MANASYS JAZZ – UNLOCKS YOUR MAINFRAME APPLICATIONS

About 70% of current corporate applications are written in COBOL but COBOL skills are difficult to find, especially as IT staff and new IT graduates prefer to learn newer technologies such as Java and C#. Changes to these COBOL applications are thus slow, difficult, and expensive.

Yet there is an increasing need for these legacy applications to integrate with, and supply critical data to web and mobile application services. Business suffers because of cost and inflexibility.



Although many newer tools and technologies have emerged these are not always better at doing the job than the tried and true systems developed in the past. All of these newer technologies come with their own set of challenges, which ultimately means that the problem still exists.

So what do we do to solve the problem?

We need a new solution that takes direct aim at the real problem: Complexity

- We need a new programming system that can develop new applications and also maintain old legacy applications.
- We need a system that doesn't have the need for experienced COBOL programmers.
- We need a system that can develop batch programs, classical CICS programs, and web services.
- We need a system that eliminates Complexity

MANASYS JAZZ is just such a system

Manasys Jazz is a new approach to programming that slashes complexity and cost. It is:

- A revolutionary programming technology for mainframe systems
- A system that delivers dramatic productivity gains:
 - 1 line of Jazz delivers 10 to 40 lines of COBOL
- A system that uses the latest features of .NET
 - Integrates Windows development with Mainframe operation
 - Uses the Power, Flexibility and Convenience of Windows Programming
- A system that builds on the legacy of a successful, tried and proven mainframe application delivery platform that business has relied upon for decades



The IBM Mainframe - Still a critical delivery platform for 70% of Corporate Applications

MANASYS JAZZ Features

Manasys Jazz has a concise modern programming language that delivers enormous productivity gain compared with traditional COBOL programming techniques.

Manasys Jazz has Environment Awareness so it can:

- Discover Web Services
 - Automatic definition of message formats from service URL's
- Discover COBOL Record Layouts
 - Read and convert COBOL to Jazz descriptions, so users only have to add new features, not rewrite stuff that hasn't changed.
- Discover SQL Record Formats (future development)
 - Jazz will read SQL record layouts directly from the DBMS, ensuring consistency and reducing work.

Manasys Jazz will integrate with today's programming environments including:

- Open source Eclipse/Java
- Visual Studio/ASP.Net



With Manasys Jazz developers work off-mainframe with the full system description held on their local workstation.

Manasys Jazz then maintains an automatic and continuous syncing connection to the Mainframe development/test environment to ensure that the application is fully tested and verified before it is committed to release.

Learn more about MANASYS JAZZ at: <http://www.jazzsoftware.co.nz/>