

ASG-INFO/X® ENTERPRISE

Capture and Report Production Environment Data

In today's complex IT world, data centers require powerful, yet easy-to-use automation tools to manage their complex environments. In addition to the job validation that ensures syntactic correctness, there is also a need to maintain asset management for these jobs. ASG-INFO/X® Enterprise is designed to automatically capture, cross-reference, and make available current information about production environments. IT personnel can better analyze the impact of changes to production components and avoid mistakes that cause costly production outages with ASG Technologies.

DOCUMENT DATA CENTER BATCH ENVIRONMENTS

IT operations may have hundreds of thousands of Job Control Language (JCL) statements within their data center batch environment. In addition to this overwhelming volume, there may also be multiple LPARs where these batch jobs reside. To maintain current and accurate information in these complex environments, it is crucial to employ a sophisticated documentation system.

ASG-INFO/X can help any IT operation with this process. It extracts data from a number of sources and then processes it on a z/OS platform. During the analysis process, ASG-INFO/X resolves all overrides, refer-backs, and symbolics, and then stores this data in a repository. The repository is a DB2 database, which may reside on a different LPAR or UNIX server. It contains information about jobs, PROCs, programs, data set names, DB2 tables and views, and CICS system definitions. Since this information is stored in a central repository, all users have access to the same current information.



MAIN FEATURES

- Manages assets across multiple LPARs
- Enables efficient production JCL analysis and operations documentation
- Generates complete, reliable, and accurate job documentation
- Eliminates the manual work involved in documenting jobs
- Returns jobs to production faster due to reduced research and analysis time
- Interfaces with library management, tape management, change control, schedulers, security, and other datacenter software products
- Includes traditional ISPF, as well as a Windows interface (optional client-server component)

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File Help
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Option ==>                ASG-INFO/X Main Menu

                                Date   : 03/22/2019
                                Time    : 11:35
                                Release: R330 Build 0
                                RTS Mbr:

1 Query                    Query ASG-INFO/X Repository
2 Global XREF              Query ASG-INFO/X Global Cross Reference Information
3 DB2 XREF                 Query ASG-INFO/X DB2 Cross Reference Information
4 Nodenames               Query ASG-INFO/X Nodename Documentation
5 Reports                 Generate ASG-INFO/X Reports
6 Setup                   Setup and Maintain ASG-INFO/X Repository
7 Machine Definitions     Edit/View Machine Definitions
8 EPASS                   Generate EPASS
9 RTS Member              Configure ASG-INFO/X RTS Member
10 Administration         Define Product Access and Default Settings
X Exit                    Exit

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ASG-INFO/X Enterprise data can be viewed with ISPF panels or the optional GUI

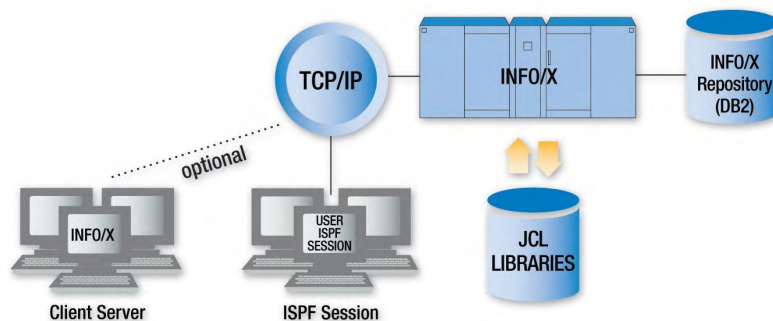
CROSS-REFERENCE APPLICATIONS ACROSS THE ENTERPRISE

Network connectivity makes it possible for information to be stored on several machines across the enterprise. Production JCL libraries may reside on one z/OS LPAR, while test JCL is stored on a separate LPAR. Cross-reference information can also be stored on a third LPAR, or even a UNIX server. The remote database update function enables ASG-INFO/X to update the cross-reference repository on a remote machine with data located on a local machine. Remote communication is established using a proprietary network protocol based on TCP/IP.

MODIFICATIONS AND MANAGEMENT

Efficient application programs are critical to all operations, as are efficient application tools. ASG-INFO/X's Automatic Incremental Update provides efficient updating of the repository. Changes at the record level are identified, and only those records that have changed since the last repository update will be updated. This process can be scheduled on a periodic basis, performed by users interactively, or be automatically initiated by a software change management system. Concise and accurate online cross-reference information is required by all application programmers.

Changes that are accurately analyzed the first time shorten the application delivery cycle and reduce the maintenance backlog. Knowing all the answers precludes unexpected results. If an existing data set changes, programmers need to locate every reference to that data set. Cross-references showing all uses of the data set enables the identification of all jobs, programs, and PROCs that are affected by that change. The revised elements can be returned to production with confidence. ASG-INFO/X produces an enterprise-wide cross-reference that parses the JCL, extracts key elements, and organizes them in a repository. The information is as current as the JCL and no special effort is required from the applications staff. The end-user is assured that the information is complete and accurate.



ASG-INFO/X Enterprise creates documentation from existing sources in your data center

TECHNICAL SPECIFICATIONS

MAINFRAME REQUIREMENTS

- z/OS or OS/390 (Version 2 Release 8 or later)
- TSO
- ISPF 4.1 or later
- ODBC-compliant middleware
- DB2 version 5.0 or later

PC REQUIREMENTS

- Windows 98se, 2000, NT 4.0, ME, or XP
- TCP/IP connection
- 5 MB free disk space
- 32 MB of RAM
- Pentium processor running at 200 MHz

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