

ASG-SMARTFILE™

For Powerful Data Management, Including Viewing, Editing, Searching, and Manipulation

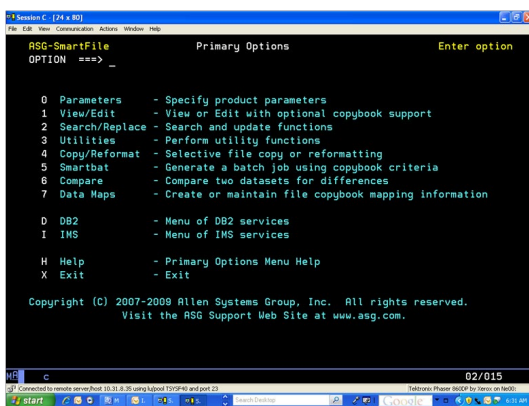
ASG-SmartFile™ is an effective and easy-to-use file and data management solution that can improve the speed and quality of testing. ASG-SmartFile provides data editing and manipulation for the most commonly-used file and data types for z/OS. Whether your organization needs to create or extract data for testing, or simply search for data within particular files, ASG-SmartFile simplifies the process and significantly reduces the time spent on test data management. It provides an efficient means to build and maintain test data environments that meet user requirements.

GENERATE TEST DATA AND REDUCE TESTING/QA TIME

Programmers constantly require test data in the creation, maintenance, and delivery stages of applications. Having sufficient and correct data and files to perform tests ensures smoother production turnover. ASG-SmartFile can generate test data from existing datasets or DB2 databases. It can significantly reduce the number of special programs that are written to correct or inspect data-related issues, and it allows automated dataset comparisons to validate tests. ASG-SmartFile also has the ability to count occurrences and compute total values from the actual data. This feature can save a significant amount of time.

ASG-SmartFile assists Quality Assurance testers by providing them with a tool to create test data without the need for programming knowledge or expertise to create that data. Testers can use it to manipulate existing data and create test data from production data by copying, extracting, and updating datasets. This provides substantial improvements in productivity.

Users can easily master ASG-SmartFile. It offers interactive and full-screen features, so developers and QA teams can perform data-related tasks without writing programs or scripts, coding SQL, or using multiple utilities.



ASG-SmartTeam includes ASG-SmartFile, ASG-SmartTest and ASG-SmartScope

MAIN FEATURES

- Enables personnel to easily view, edit, and create data with minimal training
- Builds test data environments quickly that meet developers' requirements
- Allows developers and operations staff to directly edit and inspect files without writing or testing programs
- Offers new field-level comparison functionality and flexible user exit support
- Provides enhanced search, replace, copy, reformat, and print utilities
- Enables selection, viewing, and editing of records using COBOL, PL/I, and Assembler copybooks
- Supplements and enhances the standard ISPF data oriented utilities
- Provides online and batch interfaces

EASILY INSPECT, EDIT, AND MANAGE MULTIPLE FILE TYPES

ASG-SmartFile provides formatted and unformatted views that allow users to view data as stored, or in context of the underlying data structure, via a COBOL, PL1, or Assembler record layout. It includes powerful operators and Boolean comparisons, as well as user-defined constants and counters, to build comprehensive search, replace, copy, and reformat criteria. Users can manage and manipulate files, including VSAM files, partitioned datasets (PDSEs), sequential files and Innovation Access Method (IAM) files.

Users can create test data from existing DB2 databases and manipulate and extract DB2 data through a SQL-based interface. ASG-SmartFile supports Adhoc SQL statement testing and interactive testing of SQL statements residing within COBOL and PL/I programs. The browse or edit hex character modes allow users to inspect data in native or enhanced modes.

A standardized approach to managing data from multiple databases and file types simplifies the complex task of managing data. ASG-SmartFile provides all of the benefits necessary for more efficient file and data management. There are full change, insert, and delete features to allow users to complete data management from a single tool. Run options allow users to execute interactively or in batch mode. ASG-SmartFile also includes a wide range of additional features, functions, and utilities that facilitate ease of use and streamline the process of application testing.

TECHNICAL SPECIFICATIONS

Operating Systems & Subsystems

- z/OS

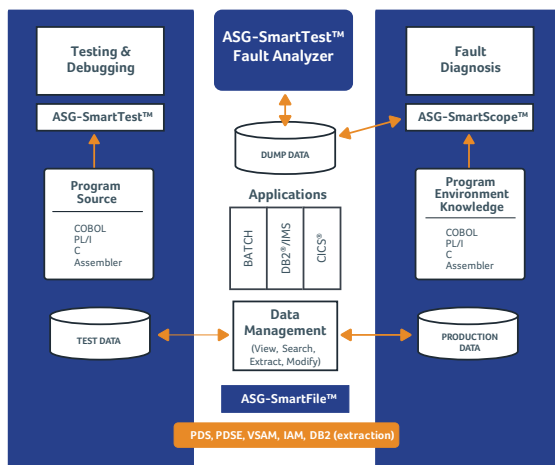
Languages

- COBOL
- PL/I
- Assembler

File Types Supported

- Sequential
- VSAM – ESDS, KSDS, RRDS
- IAM (Innovation Access Method)
- Partitioned Dataset
- Partitioned Dataset Extended
- DB2 Tables
- IMS Databases
- HFS

ASG SmartTeam Integrated Testing and Debugging Solution



ASG-SmartFile includes a wide range of standard features and options.

AN INTEGRATED APPLICATION TESTING SOLUTION

ASG-SmartFile is part of the ASG-SmartTeam™ integrated testing solution that includes ASG-SmartTest and ASG-SmartScope. ASG-SmartTest combines COBOL intelligence with automated testing and debugging facilities. It tests all languages and environments via a single user interface, increasing productivity and minimizing the learning curve. ASG-SmartScope is an interactive fault analysis solution designed to provide fast, consistent capture and rendering of dump data. It automates the complex and error prone process of problem determination by presenting raw dump data in relevant, meaningful, high-level and low-level ABEND analysis reports and online views.

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ASG Technologies | 1.239.435.2200 or 1.800.932.5536 | 708 Goodlette Road North, Naples, Florida USA 34102 | www.asg.com

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