

Digital Asset Assessment & Profiling



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INTEGER*4 TYPPAR, TYPANT, SNOGLE (9)

FOURTH

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Data that Works

How knowledge is retained and shared has evolved in a profound way. Today, data format management is increasingly necessary as the amount and types of information in use grow along with unwavering expectations of interoperability, sustainability, and flexibility.

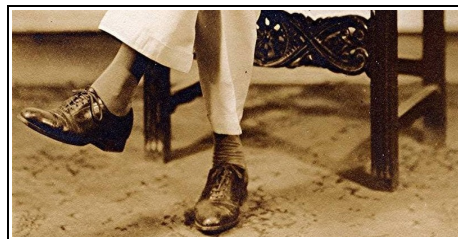
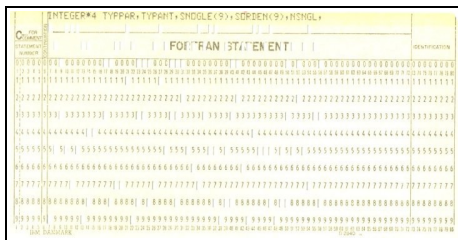
Data format management has matured to the point where established approaches, proven ROI, and long-term analyses justify its central role. The British Department of Trade and Industry recently found that data format management contributes \$5 billion annually to the English economy.

Through its work in managing the costs and use of data formats the Government of Denmark in one project alone, the eBusiness Initiative, is expecting to save over \$123 million per year.

Other governments, such as Australia, Japan, Chile, and the United States, are increasingly dependent on data formats to improve communications, bolster security, and future-proof their information against the onslaught of time and changes in the market.

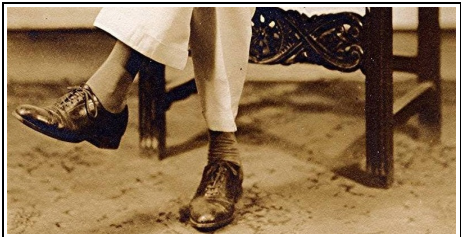
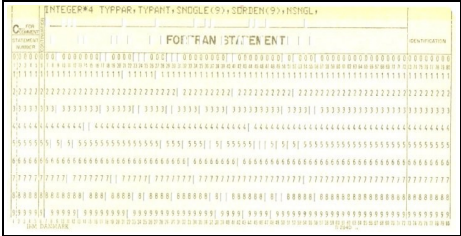
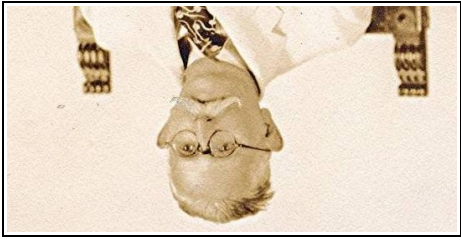
This global trend stems from the view that the quality of information is defined by its ability to communicate information to intended recipients, be they clients, auditors or business processes. In addition, many of the errors, risks and security threats that can hinder a wide array of objectives are directly tied to data formats.

Acumatic gives users the ability to assess and monitor the quality of the data formats with which they communicate, compete, store and report their mission-critical information.



The Challenge of Data Formats

Information is being created, stored and shared at a staggering rate. And just as the technologies we use to create information have changed, so have the ways we save it. Where people once used key punch cards we now use data formats, such as XML, to preserve and make sense of our information.



The sophistication and importance of data formats have helped usher in revolutions in technology and new challenges.

Recently, the U.S. Navy noticed that the information used in the maintenance of several of its nuclear powered vessels was irregular. A Navy investigation determined that while the data formats that contained the information were correct, the software that used them was incompatible.

Today, data formats are central to the integrity and security of most information systems in use and to ignore, misunderstand or mismanage them is to open the door to a variety of consequences such as

- ◆ censure or fines
- ◆ knowledge silos
- ◆ litigation and soaring legal discovery costs
- ◆ diminished market capitalization
- ◆ weak collaboration and interoperability
- ◆ regulatory suspension of business activities
- ◆ criminal penalties

Adding to the challenge is that non-technical considerations, such as data format patents, format royalty payments, or 'vendor lock-in', can further expose intellectual property and the people that manage it to a variety of legal, economic or technical pitfalls.

Acumatic can help with these challenges.

Critical Comes in Many Forms

Acumetric is guided by the understanding that all systems no matter the size potentially contain critical information and thus is designed to be a key component in aiding individuals, organizations, businesses or governmental agencies to audit their electronic assets.

Whether motivated by Sarbanes-Oxley, HIPAA, Federal Rules of Civil Procedure, a planned acquisition, or a some other requirement that information be as risk-free as possible, Acumetric can play a role in the information assessment and governance effort.



New Approach, Established Technology

Acumetric has developed the first comprehensive tool to assess and profile electronic assets by looking at how they are stored and whether a variety of errors, risks, and security issues can be detected. Acumetric bundles the following into its automated platform independent solution:



Identification

Analysis begins with the identification of how information is being stored in a system. This can be performed on over 400 different types of information.



File and System Attributes Scan

A variety of file and system attributes are scanned that inform regarding integrity, security and management.



Errors, Risks, and Security Assessment

Acumetric audits combine scanned attributes, sophisticated analyses, and established methodologies in the search for data integrity or security problems.



Industry Standards Metrics

In addition to objective measures, Acumetric applies an innovative review that provides a 'big picture' perspective of the data under inspection.



Executive and Technical Analyses

Acumetric presents its analyses in a series of reports that quickly and accurately lend themselves to either low level solutions or strategic planning.



Profiling

A profile is a specialized audit for describing what should or should not be present in a system. Acumetric profiles can act as aids in acquisitions, monitoring of policy compliance or in the measurement of benchmarked activity. Acumetric profiles bring users full circle from the identification of risks to remediation.

Trusted Building Blocks

Acumetric uses a wide array of established methodologies, technologies and guidelines in its enterprise-ready solution that approaches the question of data integrity and security from a detailed review to analyses intended for strategic baselines, benchmarks, and planning.



In addition to established, and in many instances open, technologies such as Java, the Derby database, and the Pentaho Business Intelligence Suite, Acumetric draws on the knowledge of state, national and international archival authorities who are dedicated to maintaining the integrity and security of the information with which they have been charged.

Acumetric also employs the latest research and development from educational institutions around the world in its efforts to present users with a clear understanding of the state of their critical electronic assets and intellectual property.

Within the software Acumetric has developed several key calculations which are derived from work done in the field of Information Theory and play a significant role in ascertaining whether the intellectual property under review is being maintained appropriately.

Acumetric is Different

Acumetric was conceived as part of an effort to improve the data storage practices of various governmental entities. Working at the friction point where politics, economics, technology, and the market intersect, Acumetric analyses clearly reflect that fact that many factors need to be carefully evaluated when looking at data assessment and preservation strategy. Acumetric is data format neutral in recognition of the fact that the world is complex, messy and unpredictable.

Acumetric is leading the way in automated data format analysis and is the first solution to advance data format management.

Learn More

To learn more about data format management and Acumetric, please contact

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More information is available at:

<http://www.acumetric.com>

