Securing Your Digital Life

Entrust Entelligence™ Content Analysis Toolkit

Rapidly Deploy Automatic Content Analysis Capabilities

Organizations are driven today by the need to extend the enterprise safely while achieving and maintaining corporate and regulatory compliance. Entrust solutions can secure your digital life by providing products that help enforce policy compliance via advanced content scanning. When policy is enforced using technology it can reduce reliance on the end user, compliance performance often improves through consistency of application and overall costs related to training or manual audits can decrease. The Entrust Entelligence™ Content Analysis Toolkit is a building block within the Entrust Secure Messaging and Secure Data Solutions suites, created for developers. It is ideal for rapidly deploying advanced content analysis capabilities in any C++ or Java environment—without requiring any infrastructure changes. The toolkit can be bundled into your diverse applications such as scanning email archives for non-compliance, categorizing documents for DM, CRM, help desk or email response. It is valuable for developing portal applications within your enterprise and can help you secure the digital lives of your customers, partners and employees.

The Product

The Entrust Entelligence Content Analysis Toolkit combines four key content analysis tools for email or documents. These tools provide categorization, compliance, summarization and search functionality.

Content Analysis Toolkit Categorization: The automatic classification engine can rapidly sort content into pre-defined taxonomies, work that could manually take hours or days. Highly sophisticated machine learning techniques typical of those found within intelligence communities, produce classification results comparable to published research, with a high degree of accuracy.

Content Analysis Toolkit Compliance: The concept-based engine is a sophisticated tool for mining context from content. Sophisticated filters perform optimized scans and then find and report the matches. Entrust can provide filters as a set of policy modules or concept libraries, or they can be customized with an easy-to-use policy editor. The editor supports the development of relational and hierarchical concept definitions, with custom matching thresholds. Each concept can be crafted with as much detail as needed, in context with other concepts.

Product Features
- Combines statistical and linguistic content analysis for faster and more accurate results

- Scans and understands context of email: pinpoints information in message body, header, signature, attachments, and threads

- Converts unstructured email and documents into structured format

- Provides four key content analysis capabilities in one toolkit

Product Benefits
- Makes queries easier for users with natural language analysis

- Designed to handle high-volume data or email stores

- Reduces human effort required to review high volumes of documents and email

- Enables rapid analysis of legacy email archives and document stores with concept-based filtering

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Content Analysis Toolkit Summarization: The summarization engine allows the rapid generation of key sentence-based summaries of documents and email. Optimized for unstructured content, it intelligently retrieves meaningful summaries from any text. Advanced lightweight algorithms in information retrieval, natural language processing and machine learning, analyze and interpret any text.

Content Analysis Toolkit Search: The search engine provides natural-language-based searching. Capabilities include natural/raw full text searches.

Technical Features:

- Provided as a packaged client-based toolset
- Uses standard software application programming interfaces (APIs) for easier integration
- Content analysis combines faster and more accurate statistical and linguistic analysis
- Small footprint is ideal for client or server deployments
- Robust, multi-threaded technology is easy to embed in most systems and applications
- Provides optional modules for automatic scanning of privacy-protected content, sensitive intellectual property, confidential documents, profanity, harassment, resumes with personal content, spam, etc.
- Provides multi-lingual support for English, French and German

File System and Email System Support:

- The Toolkit can be integrated with various file or email systems.

Complementary Entrust Products:

Entrust Entelligence™ Content Analysis Viewer
Provided as an optional viewer client tool for the Entrust Entelligence Content Analysis Toolkit. The viewer can be used to automatically categorize, summarize, search or scan email and documents.

Entrust Entelligence™ Policy Editor
A client-based tool that allows customers to customize purchased policy modules. A Policy Editor tool is provided as a component of both Entrust Entelligence Compliance Server and Entrust Entelligence Content Analysis Toolkit products.

Entrust Entelligence™ Compliance Server
Provides a scalable SMTP gateway that scans and quickly analyzes inbound and outbound email and attachments. Analysis is based on patented statistical and linguistic capabilities to monitor the context and intent of email. Provides optional "plug-and-play" modules that help enterprises in their compliance with corporate governance and industry regulations.

Supported Document Formats:

- Various email formats
- A variety of standard document formats such as Microsoft® Word, Excel, PowerPoint®
- Content analysis engine extracts rich meta-data from unstructured documents or emails for conversion to a structured format
- Plain text or HTML (with optional support for other formats)

Toolkit Environment Support:

- C++ developer environments: Microsoft® Visual Studio® or can be tailored for any C++ compiler
- Any Java® developer environment
- Run-time environment for Windows® and Linux

About Entrust

Entrust, Inc. [NASDAQ: ENTU] is a world-leader in securing digital identities and information. Over 1,400 enterprises and government agencies in more than 50 countries rely on Entrust solutions to help secure the digital lives of their citizens, customers, employees and partners. Our proven software and services help customers achieve regulatory and corporate compliance, while turning security challenges such as identity theft and email security into business opportunities. For more information on how Entrust can secure your digital life, please call us at 888-690-2424, or send an email to entrust@entrust.com. Visit us on the Web at www.entrust.com.

Entrust® Securing Digital Identities & Information