Rational SoDA

IBM

Communicating project information can be time consuming and difficult. Project lifecycle documentation and reports are often produced haphazardly or are neglected altogether because of the effort and time involved in creating and maintaining them. Rational® overcomes these issues by automating the creation and maintenance of comprehensive project documentation and reports. Unlike manual methods, Rational SoDA® generates complete documentation more easily and with greater consistency by automatically extracting data from various project tool databases.

Familiar Interface for Easy Adoption

Rational SoDA leverages the industry's most popular publishing tools — Microsoft Word and Adobe FrameMaker + SGML — making adoption straightforward.

Rational SoDA for Word appears as an additional menu item in the Microsoft Word menu bar, while all of the familiar Word commands remain intact and available to format and elaborate upon the generated information as required.

Rational SoDA with Frame leverages FrameMaker's powerful publishing capabilities to format and structure the generated information.

Extract Data from Multiple Sources

Producing documents that combine data from other project tools is easy with Rational SoDA. SoDA recognizes the data models of the tools you use and generates documents by extracting the requested data directly from the tools' data repositories. With this ability, you can now create comprehensive project documents, including complete status reports, requirements documents, use case specifications, design documents, and test plans.

The Rational SoDA for Word template builder creates a mapping between the document structure and the information source data. SoDA then generates a document by extracting the requested data, accessible from the source tools via their APIs.

Templates: Standardize & Customize

Rational SoDA facilitates the standardization of document types within a project or throughout a company through the use of templates. Document standardization can help achieve quality goals such as ISO, SEI CMM, and IEEE conformity. Rational SoDA also eases communication across the project team with an easy-to-use, intuitive graphical user interface on top of a WYSIWYG editor for creating document

HIGHLIGHTS

Familiar interface for easy adoption

Provides central access to documents and reports to all team members by publishing to the Web

Extracts data from various tool repositories

Provides customizable templates for promoting consistency and standardization

Regenerates precise, current documents while preserving additional data

Rational SoDA generates documents by extracting data from your project tool databases.

Rational software

Rational SoDA Integrations

Platform	Rational SoDA for Word	Rational SoDA with Frame		
	WINDOWS	WINDOWS	SOLARIS	HP
Rational Apex	●	●	●	●
Rational ClearCase	●	●	●	●
Rational ClearQuest	●	●	●	●
Rational RequisitePro	●	●		
Rational Rose	●	●	●	●
Rational Rose RealTime	●	●		
Rational TeamTest	●			
Rational TestMate			●	●
Adobe FrameMaker+SGML		●	●	●
Microsoft Word	●	●		
File System	●	●	●	●

templates. SoDA templates contain document format information, such as structure and style, and specify source locations and elements of information to extract from other tool repositories.

Rational SoDA provides over 70 templates that support Rational tools and the Rational Unified Process® in addition to industry standard template supporting MIL-STD-498. Furthermore, you can easily customize and create your own templates to comply with your project's standards. The template wizard in Rational SoDA for Word makes creation and maintenance of templates easy, saving valuable programming resources.

Regenerate Precise, Up-to-Date Documents Easily

For large, complex systems, software documents can range from hundreds to thousands of pages. The documents must be continuously updated to reflect changes as the software evolves to reflect changes. Rational SoDA makes regeneration very efficient by updating only the portions of the document or report that are affected by modifications to the software system. Supplemental information that was manually entered into a document is automatically maintained when the document is regenerated. SoDA protects your investment in the document preparation phase by preserving all manually entered data while keeping the document updated and consistent with all of its data sources.

When reviewing a document, you can navigate between a document section and the information source, or review changes in the information source, and then regenerate the section to reflect those modifications. This consistency

ensures that the documentation precisely depicts the project status at all times, making Rational SoDA the ideal tool to support quality initiatives such as requirement and design reviews, code walkthroughs, and test coverage.

Unify Your Team with Rational Suite

Rational SoDA is a member of the Rational Suite product family, available in Rational Suite AnalystStudio, Rational Suite DevelopmentStudio, Rational Suite ContentStudio, Rational Suite TestStudio, and Rational Suite Enterprise editions. The Rational Suite family provides a comprehensive development platform that will unify your team, optimize individual productivity, and simplify adoption of the Rational solution.

Accelerate Success with Rational Services

Like all Rational tools, Rational SoDA is supported by an extensive, worldwide service organization. Explore more than a thousand articles, whitepapers, courses, and artifacts online at the Rational Developer Network. Build your team's capability through expert consulting and technical support services. And take advantage of more than 60 courses available from Rational University to speed technology deployment and accelerate your project's delivery. Available where and when needed, Rational Services improve self-sufficiency as they build a foundation for continuous software development improvement.

SPECIFICATIONS

RATIONAL SODA FOR WORD
Hardware:
- PC with Pentium 350 processor; 64 MB RAM recommended
- Disk Space: 60 MB

Operating System:
- Microsoft Windows 98, Windows NT, Windows 2000, or Windows XP

Word Processor:
- Microsoft Word 97, Word 2000, or Word XP

RATIONAL SODA WITH FRAME FOR WINDOWS
Hardware:
- PC with Pentium 350 processor; 64 MB RAM recommended
- Disk Space: 100 MB

Operating System:
- Microsoft Windows 98, Windows NT, Windows 2000, or Windows XP

RATIONAL SODA WITH FRAME FOR UNIX
Hardware:
- 64 MB RAM recommended; Sun Sparc or Ultra Sparc workstation, HP 9000 Series workstation
- Disk Space: 200 MB to 400 MB depending on installed components

Operating System:
- Solaris 2.5.1, 2.6, or 2.7, HP-UX 10.2 or 11.0, and 11.11