

CPO Statement of IBM

Following the prerequisites of ProSTEP iViP's Code of PLM Openness (CPO) IT vendors shall determine and provide a list of their relevant products and the degree of fulfillment as a "CPO Statement" (cf. CPO Chapter 2.8).

This CPO Statement refers to:

| | |
|------------------------|--|
| Product Name | IBM Rational DOORS & IBM Rational DOORS Next Generation |
| Product Version | IBM Rational DOORS 9.6 IBM Rational DOORS Next Generation 5.0.2 |
| Contact | Full name of the CPO-related contact Richard Watson richard.watson@uk.ibm.com |

This CPO Statement was created and published by IBM in form of a self-assessment with regard to the CPO.

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1 Executive Summary

IBM® Rational® DOORS® family consists of requirements definition and requirements management solutions. These solutions allow you to capture, trace, analyse, and manage changes to information, while demonstrating compliance to regulations and standards. The portfolio consists of two offerings:

Rational DOORS: Includes requirements management, traceability and impact analysis capabilities for more formal, rigorous requirements engineering purposes. Rational DOORS is primarily suited for organizations creating manufactured systems and products in highly complex, safety-critical and high-compliance environments. (Rational DOORS Next Generation is available at no additional license cost for customers with active subscription and support for Rational DOORS).

Rational DOORS Next Generation: Offers support for a range of requirements practices from light-weight requirements to fully regulated systems engineering. Designed for collaboration, Rational DOORS Next Generation provides a single platform for managing requirements so that your teams can work more effectively across disciplines, time zones, and supply chains. Rational DOORS Next Generation is also ideal for Rational DOORS users who want a single-server or purely web-based requirements solution for stronger collaboration among multi-disciplinary product development teams.

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|----------------------|---|---|----------------|
| Company Name: | IBM | Contact Person: | Richard Watson |
| Product Name: | IBM Rational DOORS & IBM Rational DOORS Next Generation | | |
| CPO Term | Fulfilled (100%) | Comments because of deviations | |
| 2.1 Interoperability | <input checked="" type="checkbox"/> | Comments: Please provide your reasons for deviations Convergence Path: Please provide your plan for CPO convergence, if intended | |
| 2.2 Infrastructure | <input checked="" type="checkbox"/> | Comments: Please provide your reasons for deviations Convergence Path: Please provide your plan for CPO convergence, if intended | |
| 2.3 Extensibility | <input checked="" type="checkbox"/> | Comments: Please provide your reasons for deviations Convergence Path: Please provide your plan for CPO convergence, if intended | |
| 2.4 Interfaces | <input checked="" type="checkbox"/> | Comments: Please provide your reasons for deviations Convergence Path: Please provide your plan for CPO convergence, if intended | |
| 2.5 Standards | <input checked="" type="checkbox"/> | Comments: Please provide your reasons for deviations Convergence Path: Please provide your plan for CPO convergence, if intended | |
| 2.6 Architecture | <input checked="" type="checkbox"/> | Comments: Please provide your reasons for deviations Convergence Path: Please provide your plan for CPO convergence, if intended | |
| 2.7 Partnership | <input checked="" type="checkbox"/> | Comments: Please provide your reasons for deviations Convergence Path: Please provide your plan for CPO convergence, if intended | |

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| List of inherent supported neutral standards | API: <input type="checkbox"/> C/C++ / <input type="checkbox"/> Java / <input type="checkbox"/> .NET / <input type="checkbox"/> Web Services / Others: Please provide, if desired 3D: <input type="checkbox"/> IGES / <input type="checkbox"/> JT / <input type="checkbox"/> STL / <input type="checkbox"/> STEP / <input type="checkbox"/> VRML / Others: Please provide, if desired DX: <input type="checkbox"/> eCl@ss / <input type="checkbox"/> FMI / <input type="checkbox"/> IDX / <input checked="" type="checkbox"/> PDF / <input checked="" type="checkbox"/> ReqIF / <input type="checkbox"/> STEP / <input type="checkbox"/> VEC Others: JavaScript, HIS / Open Services for Lifecycle Collaboration (OSLC) for Requirements Management (RM), Change Management (CM), Design Management (DM) and Reporting – OASIS / ISO 26262 (intended use certification kit for Automotive industry) Remarks: Please provide information, if e.g. certain standards are not supported throughout the whole software suite for which you want to provide this statement |
|--|--|

2 Details of Self-Assessment

The following chapters summarize the results of the CPO-related self-assessment of IBM with regard to IBM Rational DOORS & IBM Rational DOORS Next Generation.

2.1 CPO Chapter 2.1: Interoperability

IBM Rational DOORS Offers support for two interfaces:

- DOORS eXtension Language (DXL) is a built in scripting language developed solely for DOORS and documented in the DOORS online help system (supplied with the product).
- OSLC server side services as controlled and specified by the OMG <http://open-services.net/workgroups/requirements-management/>

IBM Rational DOORS Next Generation offers two interfaces:

- Client side JavaScript API as detailed here: <https://jazz.net/wiki/bin/view/Main/RMExtensionsMain>
- OSLC server side services as controlled and specified by the OMG <http://open-services.net/workgroups/requirements-management/>

2.2 CPO Chapter 2.2: Infrastructure

Supported platforms for IBM Rational DOORS can be found here:

<http://www-969.ibm.com/software/reports/compatibility/clarity-reports/report/html/softwareReqsForProduct?deliverableId=1386338636857&osPlatforms=Windows>

Supported platforms for IBM Rational DOORS Next Generation can be found here:

<http://www-969.ibm.com/software/reports/compatibility/clarity-reports/report/html/softwareReqsForProduct?deliverableId=1384361722974&osPlatforms=Solaris>

2.3 CPO Chapter 2.5: Standards

IBM Rational DOORS Provides exchange support for both RIF 1.2 and ReqIF version 1.1. More detailed information can be found here:

http://www-01.ibm.com/support/knowledgecenter/SSYQBZ_9.6.0/com.ibm.doors.administering.doc/topics/c_aboutRIF.html

IBM Rational DOORS Next Generation provides support for ReqIF version 1.1

2.4 CPO Chapter 2.6: Architecture

The IT system's architecture is conforming CPO 2.6

Detailed deployment guidance can be found here:

<https://jazz.net/wiki/bin/view/Deployment/DeploymentInstallingUpgradingAndMigrating>

2.5 CPO Chapter 2.7: Partnership

2.5.1 Data Generated by Users

Data generated by IT users with an IT system is and remains the intellectual property of these IT users, according CPO 2.7.4

2.5.2 Partnership Models

Partnership models are offered according CPO 2.7.7

<http://www-304.ibm.com/partnerworld/wps/servlet/ContentHandler/partnerworld-public>

2.5.3 Support of User and Innovation Groups

IBM offers customers an extensive support agreement for their products including online, email and phone support. Online discussion forums are provided along with direct visibility into the development plans. More information can be found here:

<https://jazz.net/products/rational-doors-next-generation/>