IBM Engineering Requirements Quality Assistant, formerly known as IBM Requirements Quality Assistant, uses IBM Watson to help developers accelerate requirements review process, remove risk and ambiguity in authoring phase, and improve overall product quality.

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At a glance

IBM Engineering Requirements Quality Assistant, formerly known as IBM Requirements Quality Assistant, is designed to help:

- Improve overall product quality by reducing ambiguous, incomplete, and poorly structured requirements in the early requirements definition phase of a project before they result in costly defects downstream
- Accelerate the requirements review process by providing the requirements authors with the capability to score the quality of their requirements and fix them before a review meeting
- Reduce training costs for junior requirements authors by packaging a pretrained artificial intelligence (AI) model that is designed to be consistent with industry best practices for writing high quality requirements, such as INCOSE Guidelines for Writing Good Requirements

Overview

Requirements management is critical to the success of any engineering project. The cost of errors in defining requirements increases exponentially as the project moves through subsequent stages. Poor requirement definitions results in project delays, cost overruns, and poor product quality.

Engineering Requirements Quality Assistant, formerly known as Requirements Quality Assistant, enhances the requirement management toolset of IBM DOORS Next Generation with IBM Watson AI, improving the requirements definition process by identifying poorly structured, incomplete, and ambiguous requirements and providing guidance to the requirements author on how to improve them.

Watson AI uses natural language processing and understanding to analyze a requirement's text, suggesting improvements that leverage industry best practices for writing high quality requirements, such as INCOSE Guidelines for Writing Good Requirements.

The Engineering Requirements Quality Assistant is embedded inside the DOORS Next Generation requirements management tool. By integrating Engineering Requirements Quality Assistant into DOORS Next Generation, requirements authors...
Engineering Requirements Quality Assistant can be downloaded locally as a plug-in to the DOORS Next Generation requirements management tool. Requirements authors can interact with Watson through this plug-in by selecting requirements for analysis. The plug-in scores the quality of the requirement and presents suggestions to the author on how to improve the requirement. Requirements reviewers in turn receive clear, consistent, and complete requirements from these authors, enabling them to review for technical intent instead of structural issues. Furthermore, Engineering Requirements Quality Assistant becomes smarter over time by capturing feedback from the requirements engineer, leading to more efficiency and accuracy in the detection of nuances and context.

Key requirements

- Internet connection
- Browser

Information about key requirements is available in IBM Knowledge Center.

Planned availability date

July 11, 2019

Section 508 of the US Rehabilitation Act

Engineering Requirements Quality Assistant is capable, when used in accordance with associated IBM documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it. A US Section 508 Accessibility Conformance Statement can be requested on the Product accessibility information website.

Program number

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<tr>
<th>Program number</th>
<th>VRM</th>
<th>Program name</th>
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<tbody>
<tr>
<td>5900-A32</td>
<td>Cloud Service</td>
<td>IBM Engineering Requirements Quality Assistant</td>
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Offering Information

Product information is available on the IBM Offering Information website.

More information is also available on the Passport Advantage and Passport Advantage Express website.

Publications

No publications are shipped with these programs.

Documentation is published in IBM Knowledge Center.
Services

Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of the lab-based software services team and the business consulting, project management, and infrastructure expertise of the IBM Global Services team. IBM provides the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

To learn more about IBM Software Services, contact your Lab Services Sales or Delivery Leader.

Technical information

Specified operating environment

Hardware requirements

None

Software requirements

• Internet connection
• Browser

The IBM Support Community

The IBM Support Community is your gateway to technical support tools and resources that are designed to help you save time and simplify support. Support Community tools can help you find answers to questions, download fixes, troubleshoot, automate data collection, submit and track problems, and build skills.

You can also access the Service requests and PMRs tool for more support.

Planning information

Packaging

This offering is delivered through the internet. There is no physical media.

Ordering information

For ordering information, consult your IBM representative or go to the Passport Advantage website.

This product is only available through Passport Advantage. It is not available as shrinkwrap.

Passport Advantage

IBM Requirements Quality Assistant (5900-A32)

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Charge metric

Definitions of the charge metrics for this cloud service can be found in the following Service Description document:

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<tr>
<th>Program identifier</th>
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</tr>
</tbody>
</table>

Select your language of choice and scroll down to the Charge Metrics section.

Follow-on levels of this cloud service, if any, may have updated charge metrics. See the Cloud Services terms website. Search using the four-digit base Service Description number and scroll down to the Charge Metric section.

Terms and conditions

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction for the acquisition of cloud services from IBM consist of either the IBM Cloud™ Services Agreement and the applicable offering Service Description or the IBM International Passport Advantage Agreement or the International Passport Advantage Express Agreement and the IBM Terms of Use - General Terms for Cloud Offerings and the applicable offering Service Description.

Technical support

Technical support is provided for cloud services and enabling software, as applicable, during the subscription period. Any enhancements, updates, and other materials provided by IBM as part of any such technical support are considered to be part of the cloud service, as applicable, and therefore governed by the applicable agreement as defined in client's quote or transaction document. Technical support is included with the cloud service and is not available as a separate offering.

Additional technical support information for this cloud service offering may be found in the IBM Support Guide or in service-specific documentation.

Service Description

The following Service Description document applies to the offering in this announcement.

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Follow-on levels of this cloud service, if any, may have updated terms. See the Cloud Services terms website and search using the four-digit base Service Description number.

Limited warranty

See the warranty defined in the applicable agreement governing client's acquisition for this offering.

Money-back guarantee

No
Volume orders (IVO)
No

Passport Advantage applies
Yes, information is available on the Passport Advantage and Passport Advantage Express website.

Educational allowance available
No

Statement of good security practices

IT system security involves protecting systems and information through intrusion prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a regulatory compliant, comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective.

Important: IBM does not warrant that any systems, products, or services are immune from, or will make your enterprise immune from, the malicious or illegal conduct of any party.

Prices

Passport Advantage
For Passport Advantage information and charges, contact your IBM representative. Additional information is also available on the Passport Advantage and Passport Advantage Express website.

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