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**Systems and software engineering —  
Capabilities of issue management tools**

*Ingénierie du logiciel et des systèmes — Capacités des outils de  
gestion des écarts*

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# Contents

Page

<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative reference</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Object model for issue management tools</b> .....	<b>2</b>
4.1 Overview of issue management.....	2
4.2 Use case of issue management.....	3
4.2.1 Use case.....	3
4.2.2 Use case scenarios.....	4
4.3 Object model of issue management entity.....	9
4.3.1 General.....	9
4.3.2 Common entities.....	9
4.3.3 Work Management entities.....	10
4.3.4 Defect Management entities.....	10
4.3.5 IT Service Management entities.....	11
4.4 Categories of capability of issue management tool.....	12
<b>5 Category of issue management entity</b> .....	<b>13</b>
5.1 Overview.....	13
5.2 Common entities.....	13
5.3 Work Management entities.....	13
5.4 Defect Management entities.....	13
5.5 IT Service Management entities.....	13
5.6 Summary of issue management entities.....	14
<b>6 Capabilities of issue management tools</b> .....	<b>19</b>
6.1 Overview.....	19
6.2 Common capabilities.....	20
6.3 Work management capabilities.....	23
6.4 Defect management capabilities.....	24
6.5 IT service management capabilities.....	25
6.6 Summary of capabilities.....	27
<b>Annex A (informative) How to use this document with ISO/IEC 20741</b> .....	<b>32</b>
<b>Annex B (informative) Overview of the approach for this document</b> .....	<b>33</b>
<b>Bibliography</b> .....	<b>36</b>

## Foreword

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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 7, *Software and systems engineering*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

## Introduction

Issue management tools have become increasingly important in project management and been applied to a wide range of lifecycle processes, from development process to operation process. Information managed by these tools has been expanded further than ever before, such as work items and claims as well as defects. These tools need to cooperate with many other tools such as configuration management tools, build tools, etc.

There are many issue management tools on the market but with no clear definition of their category and their capabilities. Therefore, it is becoming difficult for project managers to choose the right tool.

This document provides a framework of category of issue management tools and a list of their capabilities. The capabilities are gathered from existing tools (see [Annex B](#)). This document is prepared as one of the capability series to select the appropriate tool in combination with ISO/IEC 20741 "Guideline for the evaluation and selection of software engineering tools" (see [Annex A](#)).

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