

Software engineering — Product evaluation —

Part 3: Process for developers

ICS 35.080

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Summary of pages

This document comprises a front cover, an inside front cover, the ISO/IEC title page, pages ii to vi, pages 1 to 16, an inside back cover and a back cover.

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**Part 3:
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Ingénierie du logiciel — Évaluation du produit —

Partie 3: Procédés pour développeurs

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

International Standard ISO/IEC 14598-3 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 7, *Software engineering*.

ISO/IEC 14598 consists of the following parts, under the general title *Software engineering — Product evaluation*:

- *Part 1: General overview*
- *Part 2: Planning and management*
- *Part 3: Process for developers*
- *Part 4: Process for acquirers*
- *Part 5: Process for evaluators*
- *Part 6: Documentation of evaluation modules*

Annex A of this part of ISO/IEC 14598 is for information only.

Introduction

This part of ISO/IEC 14598 is intended for use during software development. It is applicable to all software development activities requiring a disciplined process. This part of ISO/IEC 14598 is particularly aimed at those measuring and evaluating the quality of software.

This part of ISO/IEC 14598 provides guidelines for clarifying quality requirements and for implementing and analysing software quality measures. This part of ISO/IEC 14598 applies to all software at all phases of the development life cycle. It focuses on the selection and reporting of those indicators that are useful to predict end product quality by measuring the quality of intermediate products. It also focuses on measuring end product quality.