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Systems and software engineering — Information technology project performance benchmarking framework —

Part 2: Requirements for benchmarking

*Ingénierie des systèmes et du logiciel — Cadre de conduite de tests de
performance de projet de technologies de l'information —*

Partie 2: Exigences pour le marquage de référence



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. 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.

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ISO/IEC 29155-2 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 7, *Software and systems engineering*.

ISO/IEC 29155 consists of the following parts, under the general title *Systems and software engineering — Information technology project performance benchmarking framework*:

- *Part 1: Concepts and definitions*
- *Part 2: Requirements for benchmarking*
- *Part 3: Guidance for reporting*
- *Part 4: Guidance for data collection and maintenance*

Further parts might follow.

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Introduction

This part of ISO/IEC 29155 identifies the required activities and tasks that are necessary to successfully identify, define, select, apply, and improve benchmarking for information technology (IT) project performance.

This part of ISO/IEC 29155 is intended to provide guidance for organizations which are preparing to introduce and implement benchmarking techniques to evaluate performance of IT projects. This part of ISO/IEC 29155 assists organizations to establish a well-defined process to perform benchmarking. The process includes activities and tasks not only for data selection and comparison in IT project performance benchmarking but also for data collection, benchmarking repository management, and providing benchmarking instruments.

This part of ISO/IEC 29155 is developed as the second part of multiple parts which will complete the IT project performance benchmarking framework as is shown in [Figure 1](#). This part of ISO/IEC 29155 provides the requirements for a benchmarking process.

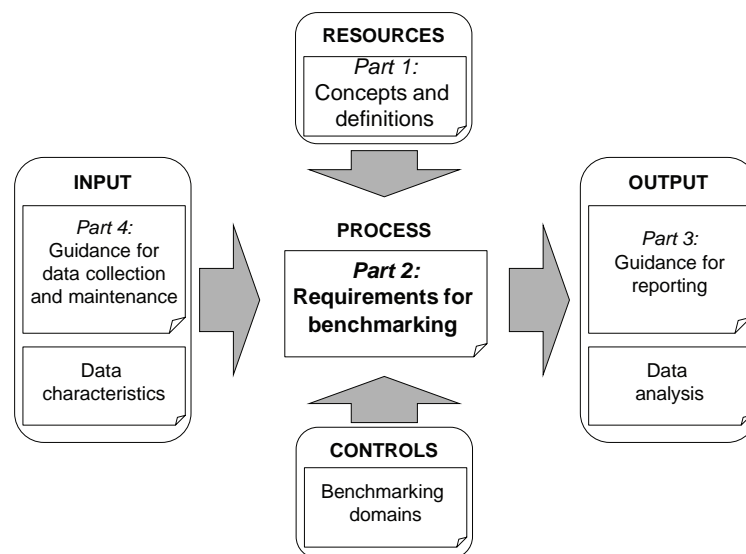


Figure 1 — IT project performance benchmarking standards overview