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Industrial automation systems and integration — Parts library —

Part 26:

Logical resource: Information supplier identification

*Systèmes d'automatisation industrielle et intégration — Bibliothèque
de composants —*

Partie 26: Ressource logique: Identification des fournisseurs d'information



Reference number
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Foreword

ISO (the International Organization for Standardization) is a world-wide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75% of the member bodies casting a vote.

International Standard ISO 13584-26 was prepared by Technical Committee ISO/TC 184, *Industrial automation systems and integration*, Subcommittee SC4, *Industrial data*.

ISO 13584 consists of the following parts under the general title *Industrial automation systems and integration — Parts library*:

- Part 1, Overview and fundamental principles;
- Part 10, Conceptual description: Conceptual model of parts library;
- Part 20, Logical resource: Logical model of expressions;
- Part 24, Logical resource: Logical model of supplier library;
- Part 26, Logical resource: Information supplier identification;
- Part 31, Implementation resource: Geometric programming interface;
- Part 42, Description methodology: Methodology for structuring part families;
- Part 101, View exchange protocol: Geometric view exchange protocol by parametric program;
- Part 102, View exchange protocol: View exchange protocol by ISO 10303 conforming specification.

The structure of this International Standard is described in ISO 13584-1. The numbering of the parts of this International Standard reflects its structure:

- Parts 10 to 19 specify the conceptual descriptions;
- Parts 20 to 29 specify the logical resources;
- Parts 30 to 39 specify the implementation resources;
- Parts 40 to 49 specify the description methodology;
- Parts 50 to 59 specify the conformance testing;
- Parts 100 to 199 specify the view exchange protocol;
- Parts 500 to 599 specify the standardised content.

Should further parts of ISO 13584 be published, they will follow the same numbering pattern.

Annex A forms an integral part of this part of ISO 13584.

Annexes B and C are for information only.

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Introduction

ISO 13584 is an International Standard for the computer-interpretable representation and exchange of part library data. The objective is to provide a neutral mechanism capable of transferring parts library data, independent of any application that is using a parts library data system. The nature of this description makes it suitable not only for the exchange of files containing parts, but also as a basis for implementing and sharing databases of parts library data.

This International Standard is organized as a series of parts, each published separately. The parts of ISO 13584 fall into one of the following series: conceptual descriptions, logical resources, implementation resources, description methodology, conformance testing, view exchange protocol, and standardised content. The series are described in ISO 13584-1.

This part of ISO 13584 is a member of the logical resources series. It defines the identification of the information suppliers of the contents of a library in order to trace who supplied them and who is therefore responsible for them. This identification has to be easy and unambiguous for all supplied libraries whether they are based on external (e.g. national, international) or internal (e.g. company) standards. This part of ISO 13584 defines a code to identify the supplier within this International Standard, and, when the content of a library was already defined in a standard document, a code to identify this standard document. Basic knowledge of EXPRESS is required to understand this part of ISO 13584. No knowledge of the other parts of ISO 13584 is required.