SLOVENSKI STANDARD
oSIST ISO/DIS 23527:2021

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Informatika in dokumentacija - Informacijska tehnologija identifikatorja raziskovalne dejavnosti - Učenje, izobraževanje, usposabljanje in raziskovanje (RAiD)

Information and documentation -- Research activity identifier information technology -- Learning, education, training and research (RAiD)

Information et documentation -- Identificateur d'activité de recherche Technologies de l'information -- Apprentissage, éducation, formation et recherche (RAiD)

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Information and documentation — Research activity identifier information technology — Learning, education, training and research (RAiD)

Information et documentation — Identificateur d'activité de recherche Technologies de l'information — Apprentissage, éducation, formation et recherche (RAiD)

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Foreword

ISO (the International Organization for Standardization) is a worldwide 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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 46, Information and documentation, Subcommittee SC 9, Identification and description.

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.

Introduction

The Research Activity iDentifier (RAiD) is a persistent identifier for research projects and supports data management across all phases of research by placing the research activity (or project) at the centre of research workflows, creating a chain of provenance, improving discovery and access, and ensuring that output is attributable and reportable.

It also supports the F.A.I.R Principles [1] of making research data Findable, Accessible, Interoperable, and Re-usable.

A RAiD number is associated with a RAiD Data Management Record (DMR).

The RAiD DMR holds metadata including persistent identifiers that relate to research entities or objects encountered by or related to the activity. This includes participant institutions (by use of ISNI, GRID or ROR), researchers (email or ORCID ID), instruments (DOI or other), stored data (Handle, DOI or other), physical specimens (IGSN) and outputs (DOI or other).

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Information and documentation — Research activity identifier information technology — Learning, education, training and research (RAiD)

1   Scope

This document defines the use and structure of the Research Activity Identifier (RAiD) system. The Research Activity Identifier (RAiD) system includes a registry which supports the identification of research projects, i.e. projects managed in a scholarly or industrial environment which are expected to lead to specified outputs.

It also specifies the RAiD Data Management Record (RAiD DMR) which holds key metadata relating to the identified project and indicates relationships to other entities and their persistent identifiers and metadata.

RAiD is an identifier for an abstract research project. It is not itself an identifier for any individual, group or institution, it is not a repository for project documentation or deliverables, nor is it a repository, platform or storage method. It does not apply to research outputs.

2   Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

3   Terms and definitions *(mandatory)*

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at <ins>https://www.iso.org/obp</ins>

— IEC Electropedia: available at <ins>http://www.electropedia.org/</ins>

3.1
ORCID
Open Research and Contributor Identifier
non-proprietary alphanumeric numbering system designed not to collide with the *ISNI* (3.3) number system and hosted by the ORCID organization, aiming to provide a unique number to scientific and other academic authors so as to uniquely identify such authors' contributions to research

Note 1 to entry: ORCID is managed by ORCID, INC which maintains a webpage at <ins>https://orcid.org/</ins>" <ins>https://orcid .org/</ins>

3.2
registration
Assignment of a persistent, unique, and unambiguous *identifier*

3.3
ISNI
International Standard Name Identifier in accordance with ISO 27729

Note 1 to entry: The name and contact information of the ISO 27729 registration authority can be found at <ins>https://www.iso.org/mara</ins>.

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3.4
GRID
Global Research Identifier Database. An open, persistent identifier for research organizations.

Note 1 to entry: GRID is managed by Digital Science and Research Solutions Ltd which maintains a webpage at https://www.grid.ac/" https://www.grid.ac/

3.5
Digital Object Identifier name
DOI
persistent identifier for unique identification of objects of any type.

Note 1 to entry: A DOI name is specified in ISO 26324 and the name and contact information of the ISO 26324 registration authority can be found at https://www.iso.org/mara.

3.6
Research Organization Registry
ROR
Open, persistent identifier for research organizations

Note 1 to entry: The Research Organization Registry is managed by a group of cooperating organisations which maintain a webpage at https://ror.org

3.7
Registration authority
Entity appointed by ISO to fulfil the registration services in a registration authority standard

3.8
research activity
Identifiable package of work involving organized, systematic investigation

Note 1 to entry: A research activity is often described as a project but may be a program of smaller, subsidiary projects or a single task within a larger project.

3.9
research
organized, systematic investigation

3.10
researcher
person involved in *research* (3.9).

3.11
research organization
organization where *research* (3.9) occurs

3.12
research funding organization
body that supplied monetary or in-kind support for *research activities* (3.8) to occur.

3.13
grant
Money or in kind assistance provided by a *research funding organization* (3.12) to allow *research* (3.9) to take place

3.14
research data set
specific collection of data produced in the course of *research* (3.9)

Note 1 to entry: A research data set is a *research output* (see 3.15)

Note 2 to entry: research data set comprises research data.