PERSISTENT IDENTIFIERS OF TEXTUAL SEGMENTS AS A SCHOLARLY PROBLEM

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RDA meets Croatian researchers, 24 October 2017, Zagreb, Croatia

This page: croala.ffzg.unizg.hr/rda-citation-research

A COMMUNITY OF PEOPLE WORKING WITH TEXTS

CITATIONS ARE DATA

MARK 2:15

PLATO IN THE REPUBLIC CRITICIZES THE DIVISION OF LABOR BASED ON SEX (454D-456B).

CANONICAL TEXT SERVICES PROTOCOL (CTS)

A STANDARD APPROACH TO AUTOMATICALLY LINK CTS URNS WITH APIS WHICH RESOLVE THEM

The CTS-Handles Proposal

USE CASES 1: USER

As a user I want a CTS Work URN (with a passage reference) to resolve to a list of URLs serving editions and translations of this work.

As a user I want a CTS Edition/Translation URN with a passage reference to resolve to a list of URLs at which I can retrieve that passage.

As a user I want a CTS Edition/Translation URN which has been retired/replaced to resolve to a list of URLs for the replacement edition/translation.

USE CASES 2: PUBLISHER

As a publisher I want to be able to publish a edition or translation URN for a text that in a namespace that is managed by another publisher.

As a publisher I want to be able to provide a single URL at which all CTS URN identified texts I publish are available.

As a publisher I want to be able to provide URLs at which subsets of CTS URN identified texts I publish are available.

HANDLE / DOI

ARK

URN / URN:NBN

PURL

https://www.rd-alliance.org/rda-meets-croatian-researchers-24-october-2017-zagreb-croatia

SEMANTICALLY EXPRESSIVE BOTH FOR HUMANS AND FOR MACHINES

THE CTS-HANDLES PROPOSAL

a technical challenge: combine the Handle system
with the CTS protocol

a management challenge: add a governance structure for it

the goal: a consumer of a CTS URN can get to its text segment
without having to know where and how
a publisher resolves the URN

A STANDARD APPROACH WHICH ALLOWS FOR DISTRIBUTED PUBLISHING
BUT
CENTRALIZED MANAGEMENT
OF THE URN RESOLUTION

Centralized Handle System Provider (CHSP) - one or more organizations assuming responsiblity for registering and administering Handle prefixes for CTS Namespaces

Participating CTS Text Publisher (PCTP) - a publisher of CTS URN identified texts who wants their text URNs to be globally resolved by the Handle System

hdl.handle.net provider (HDL) - the provider of the global hdl.handle.net proxy service

Non-Participating CTS Text Publisher (NPCTP) - a publisher of CTS URN identified texts who does not want to participate in the centralized solution but wants to publish a Handle for their text

A DISCUSSION ABOUT
THE CROATIAN RESEARCH INFRASTRUCTURE
IN SOME OF THE PROPOSED ROLES