

Linked Data-driven Web Components

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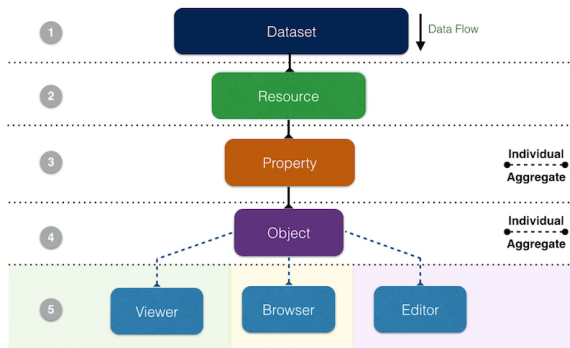


Figure 1: Architecture

ABSTRACT

This paper provides a ...

1. INTRODUCTION

The

The remainder of this article...

2. RELATED WORK

3. WEB COMPONENTS

Web Components are a set of W3C standards that enable the creation of reusable widgets or components in Web documents and Web applications. Web components aim to bring *Component-Based Software Development* (CBSD) to the World Wide Web.

4. LINKED DATA-DRIVEN WEB COMPONENTS

Definition

4.1 Features

Fine-grained Web applications

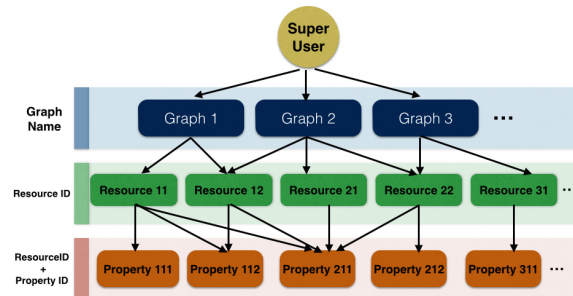


Figure 2: User Access Levels

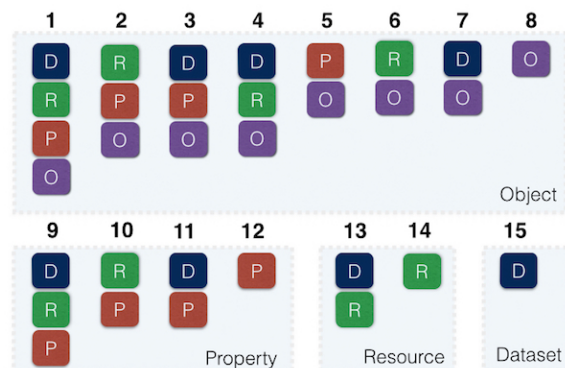


Figure 3: Scopes

- component architecture

- access control

Customization and Personalization

- scopes

Better content visibility reusability

- RDFa, Microdata

Better component visibility, reusability and assembly

4.2 Life Cycle

5. IMPLEMENTATION

<http://ld-r.org>

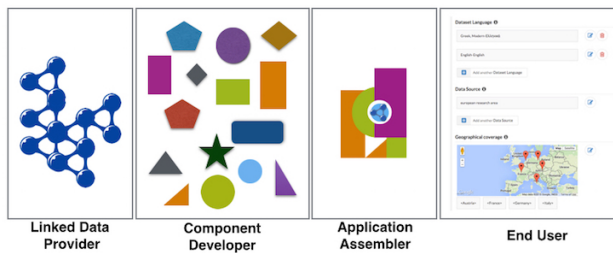


Figure 4: Life-cycle

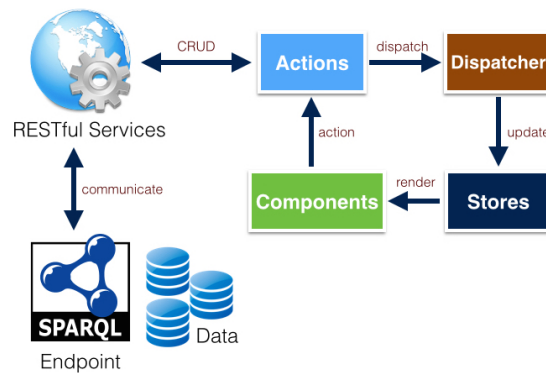


Figure 5: Data Flow

6. EVALUATION

RISIS

OpenPhacts

7. CONCLUSION AND FUTURE WORK

8. ACKNOWLEDGEMENT

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9. REFERENCES

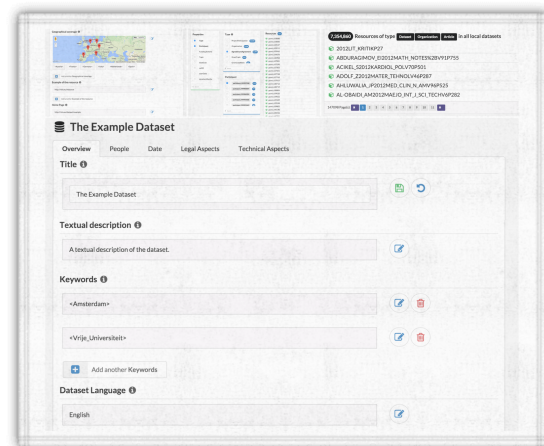


Figure 6: Screenshot