EASY RDF

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Introduction

- EasyRdf is a PHP library designed to make it easy to consume and produce RDF.
- It was designed for use in mixed teams of experienced and inexperienced RDF developers.
- It is written in Object Oriented PHP.
- During parsing EasyRdf builds up a graph of PHP objects that can then be walked around to get the data to be placed on the page.
Introduction

• Data is typically loaded into a EasyRdf_Graph object from source RDF documents.
• The source document could either be an RDF file on the web or the output of a Construct or Describe SPARQL query from a triplestore.
• It requires PHP 5.2.1
Features

- Choice of RDF parser:
  - Built-in: RDF/JSON, N-Triples, RDF/XML
  - ARC2: RDF/XML, Turtle, RSS, microformats, eRDF, RDFa
  - Redland Bindings: RDF/XML, N-Triples, Turtle, TriG, RSS Tag Soup
  - rapper: RDF/XML, N-Triples, Turtle, TriG, RSS Tag Soup

- Choice of RDF serialiser:
  - Built-in: RDF/JSON, N-Triples, RDF/XML, Turtle
  - ARC2: RDF/JSON, RDF/XML, N-Triples, Turtle, POSHRDF
  - rapper: RDF/JSON, N-Triples, RDF/XML, Turtle, RSS, Atom, Dot
Examples