SWRL ⟷ SQWRL

language

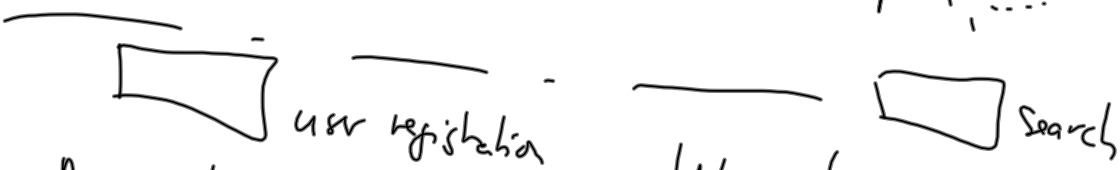
Query

action: change of status property

↳ list of something values

show, export, ...

Web:



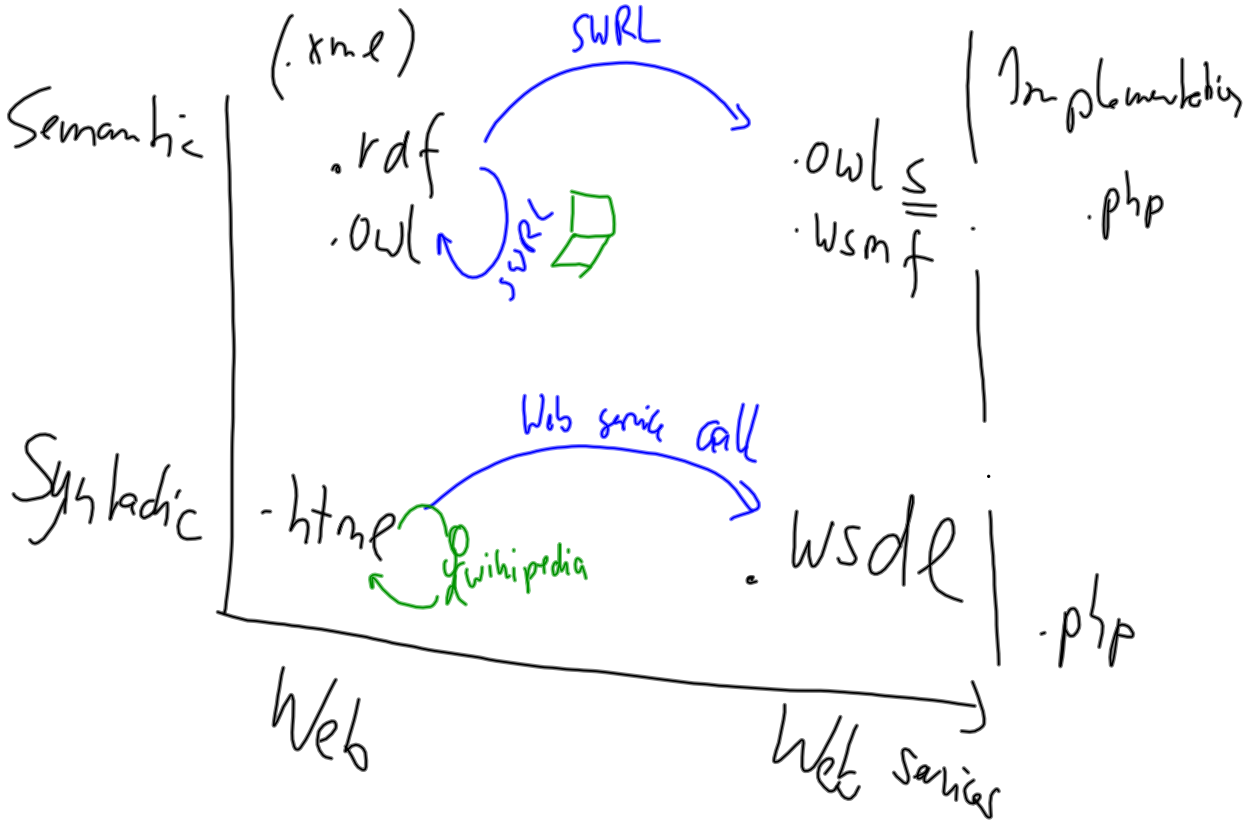
manipulate database..

execute functionality (Web service)

User list

booking of flights

List of flights


(.xml)
SWRL
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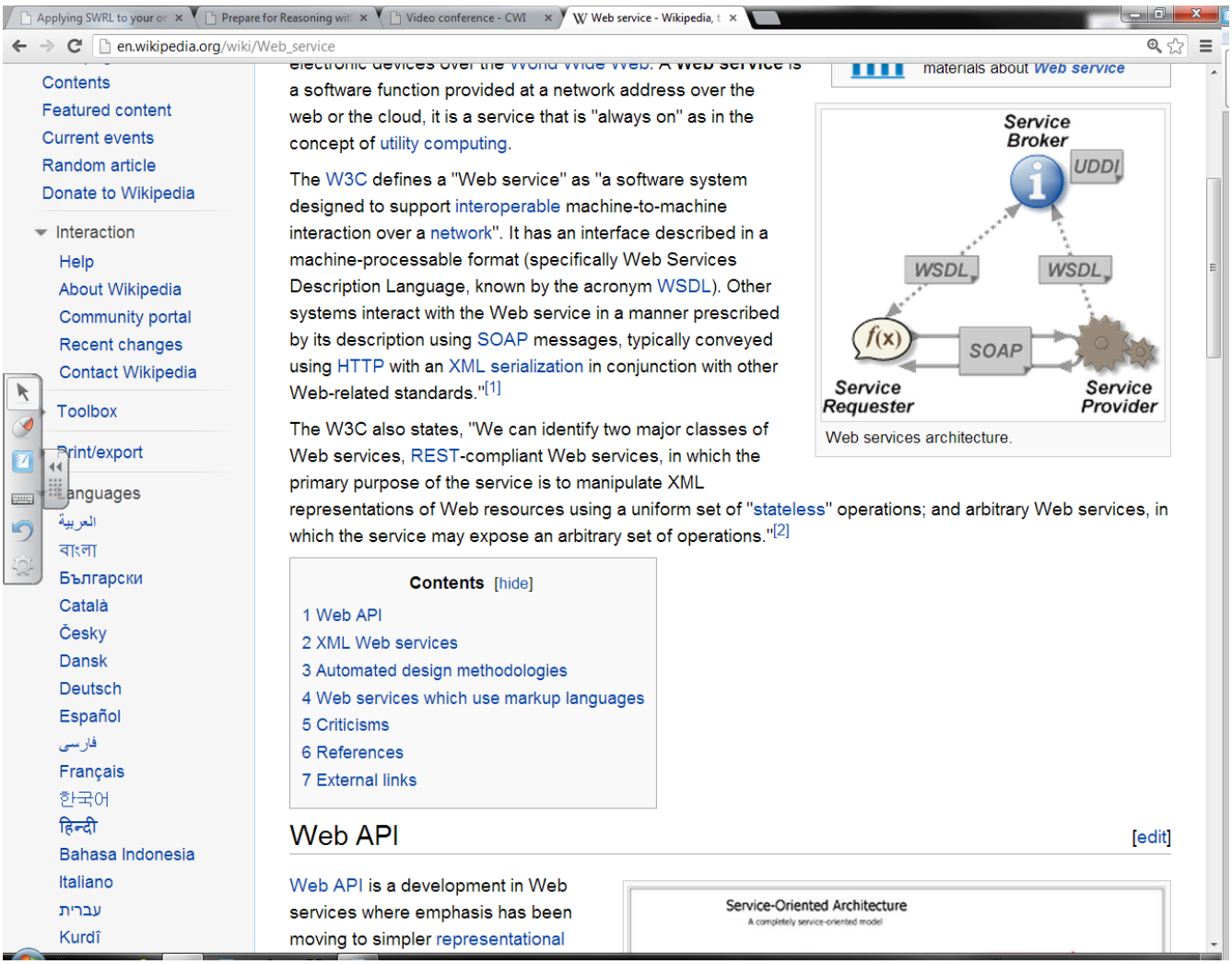
.rdf
.owl
.owl ≤
.wsmf
Implementation
.php
SWRL
Web service call
Syntactic
.html
Wikipedia
.wsdl
.php
Web
Web services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en.wikipedia.org/wiki/Web_service
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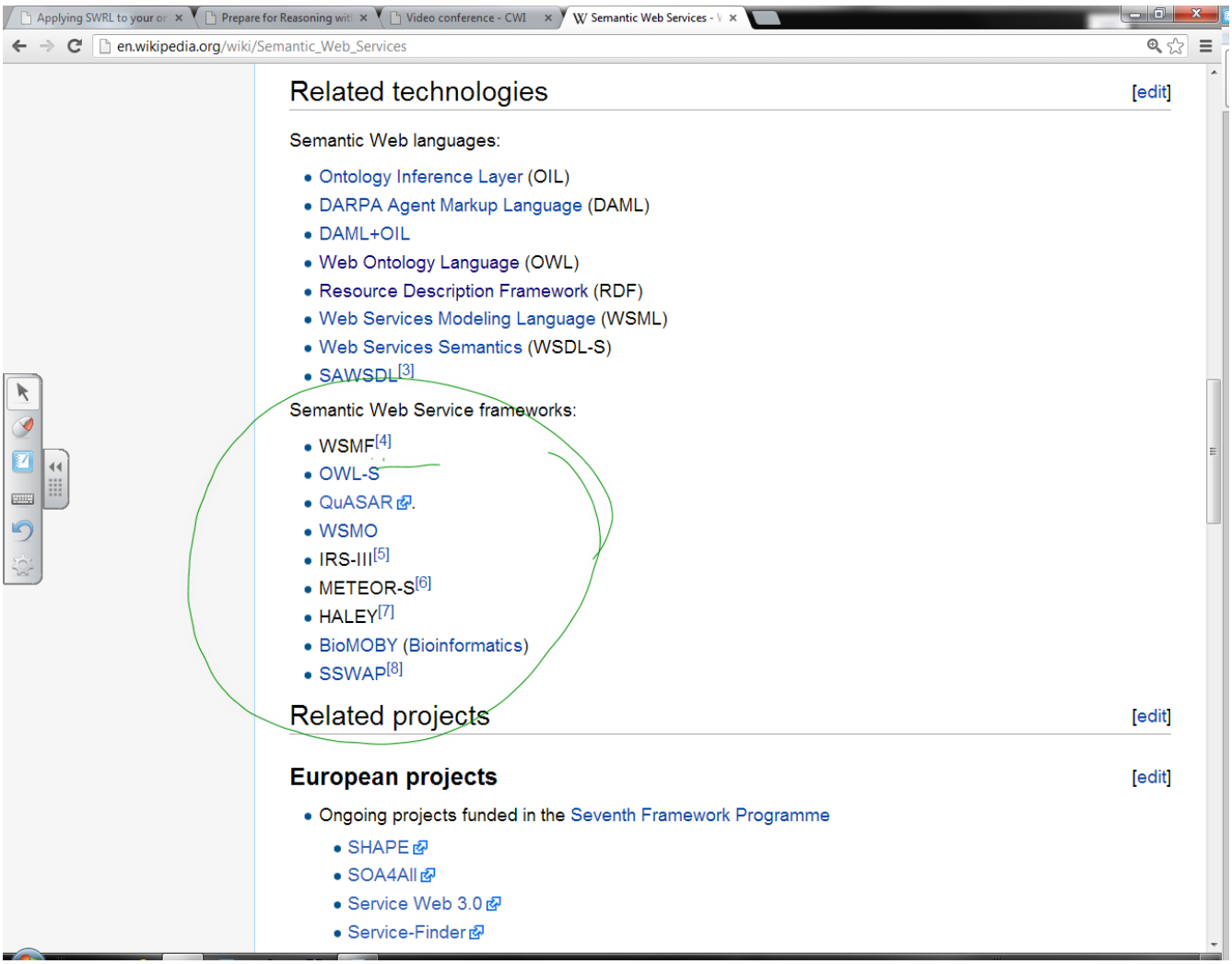
한국어
हिन्दी
Bahasa Indonesia
Italiano
עברית
Kurdî
materials about Web service
a software function provided at a network address over the web or the cloud, it is a service that is "always on" as in the concept of utility computing.
The W3C defines a "Web service" as "a software system designed to support interoperable machine-to-machine interaction over a network". It has an interface described in a machine-processable format (specifically Web Services Description Language, known by the acronym WSDL). Other systems interact with the Web service in a manner prescribed by its description using SOAP messages, typically conveyed using HTTP with an XML serialization in conjunction with other Web-related standards."[1]
Service Broker
UDDI
WSDL
WSDL
f(x)
SOAP
Service Requester
Service Provider
Web services architecture.
The W3C also states, "We can identify two major classes of Web services, REST-compliant Web services, in which the primary purpose of the service is to manipulate XML representations of Web resources using a uniform set of "stateless" operations; and arbitrary Web services, in which the service may expose an arbitrary set of operations."[2]
Contents [hide]
1 Web API
2 XML Web services
3 Automated design methodologies
4 Web services which use markup languages
5 Criticisms
6 References
7 External links
Web API [edit]
Web API is a development in Web services where emphasis has been moving to simpler representational
Service-Oriented Architecture
A completely service-oriented model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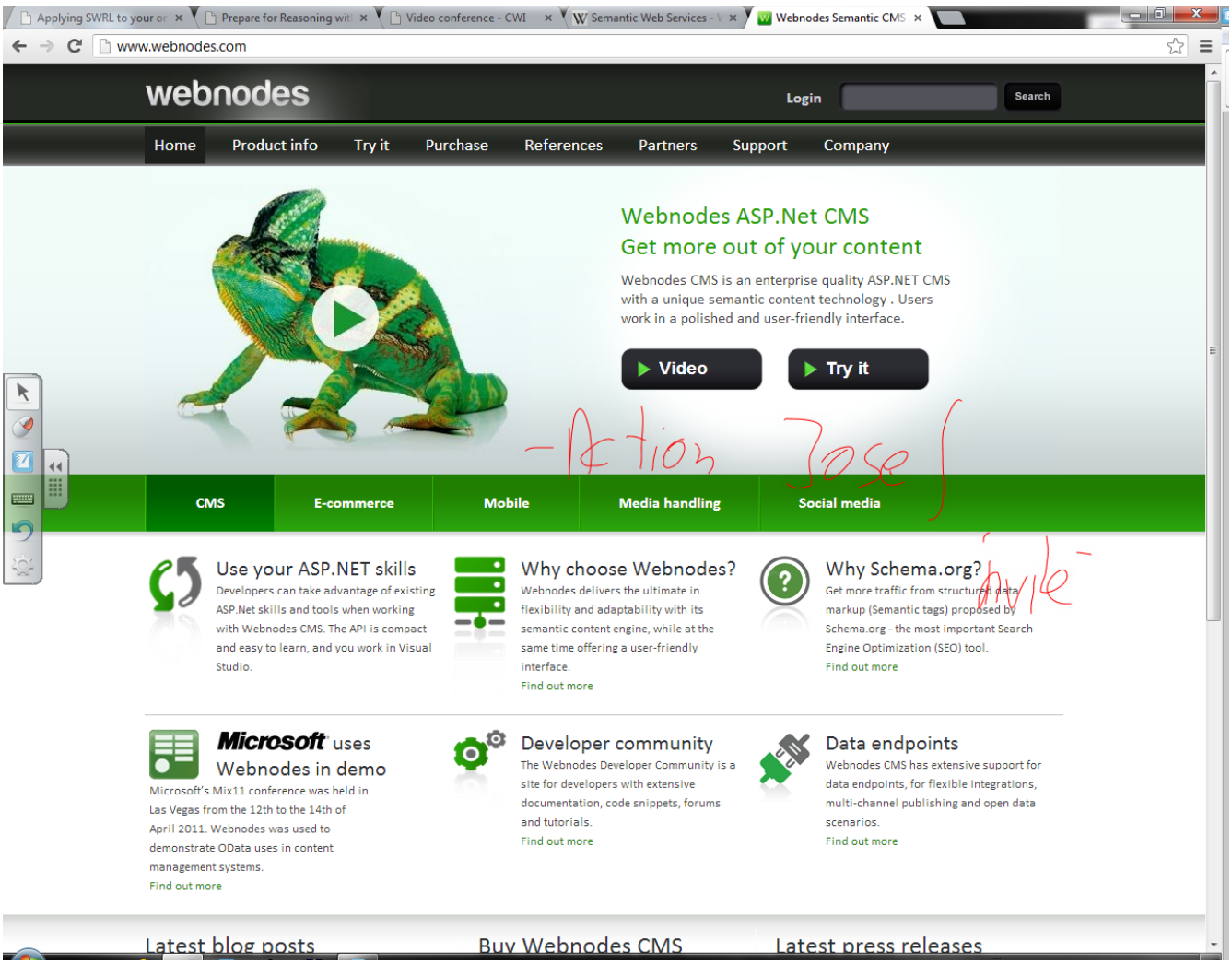
Semantic Web Services -
en.wikipedia.org/wiki/Semantic_Web_Services
Related technologies [edit]
Semantic Web languages:
Ontology Inference Layer (OIL)
DARPA Agent Markup Language (DAML)
DAML+OIL
Web Ontology Language (OWL)
Resource Description Framework (RDF)
Web Services Modeling Language (WSML)
Web Services Semantics (WSDL-S)
SAWSDL[3]
Semantic Web Service frameworks:
WSMF[4]
OWL-S
QuASAR.
WSMO
IRS-III[5]
METEOR-S[6]
HALEY[7]
BioMOBY (Bioinformatics)
SSWAP[8]
Related projects [edit]
European projects [edit]
Ongoing projects funded in the Seventh Framework Programme
SHAPE
SOA4All
Service Web 3.0
Service-Finder

What is ODada?

Framework,

- protocoll execution of services
- presentation of knowledge (atom tml)
- tml representation of data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Try it
Purchase
References
Partners
Support
Company
Webnodes ASP.Net CMS
Get more out of your content
Webnodes CMS is an enterprise quality ASP.NET CMS with a unique semantic content technology . Users work in a polished and user-friendly interface.
Video
Try it
CMS
E-commerce
Mobile
Media handling
Social media
Use your ASP.NET skills
Developers can take advantage of existing ASP.Net skills and tools when working with Webnodes CMS. The API is compact and easy to learn, and you work in Visual Studio.
Why choose Webnodes?
Webnodes delivers the ultimate in flexibility and adaptability with its semantic content engine, while at the same time offering a user-friendly interface.
Find out more
Why Schema.org?
Get more traffic from structured data markup (Semantic tags) proposed by Schema.org - the most important Search Engine Optimization (SEO) tool.
Find out more
Microsoft uses Webnodes in demo
Microsoft's Mix11 conference was held in Las Vegas from the 12th to the 14th of April 2011. Webnodes was used to demonstrate OData uses in content management systems.
Find out more
Developer community
The Webnodes Developer Community is a site for developers with extensive documentation, code snippets, forums and tutorials.
Find out more
Data endpoints
Webnodes CMS has extensive support for data endpoints, for flexible integrations, multi-channel publishing and open data scenarios.
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