



seekda as IT Multiplier: The Web Services Portal

- Founded in 2007
- Management and Development Web services for e-commerce
- e-Tourism is the main focus
- Main Products:
 - ◆ Channel Connect
 - ◆ Dynamic Shop
 - ◆ Conference Management System
 - ◆ Web Services Portal

- Research:
 - ◆ Insemtives
 - ◆ Service Bundler
 - ◆ Service Detective
 - ◆ Smart Reality
 - ◆ COIN

- Enrich COIN's base services
- Investigate Web API detection techniques
- API to access the services
- Towards community building



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What is seekda?

seekda™ is the free search engine for **Web API** (Web Services at the moment) and their **providers**.

We run a **focused crawled** that gathers information about services available on the Web and we **monitor** these services daily. We also allow our users to **edit certain data** regarding providers or their services.

Insemtives



seekda! Web Services in development! Browse through service categories, seek for RESTful services, and more!

Within the context of the research project Insemtives, seekda! is working on the further development of its Web Services search engine. Check out new features, such as support for Web APIs (a.k.a. RESTful services), classification of services, enhanced service annotation options, and more.

Try [seekda! Insemtives Web Service search engine now!](#)

Recent News

Web Services Search Engine

[Advanced Search](#)

Web Services

seekda's Web Services Search Engine is a robust technology platform enabling search for public services offered by providers. You can find a **one-stop-shopping marketplace** for services offered by providers. You can also find **exclusive information** including an Interview with Klaus Bechthold of gpsies.com!

With Web Services Search Engine you can find and enhance your applications to truly Web-based solutions. Easy to use and immediately use new components as easily as you can use the traditional programming model is the ability to access functions and exchange messages not only within your local system, but with computer systems from all around the world. Web Services overcome problems of integration, as they were specifically developed to address problems of interoperability between applications.

The seekda **Web Services Search Engine** helps you to find Web Services based on a catalogue of more than 28,000 service descriptions. Services listed at seekda cover a wide range of functionality. For example, we have identified services that can send messages via fax or sms, validate addresses or allow you to translate some text. To find Web Services just type the keyword or the whole phrase into seekda [Web Services Search Engine](#) or alternatively [browse Web Services and their providers](#) by several other criteria defined by us.

Service Consumers

Service Providers

You are looking for services for your application? With seekda you can:

- find and browse for services
- review Web Services

Are you offering public services over the Web? You can use seekda to:

- submit your URL
- get in touch with customers

Get in Touch

Questions or suggestions about seekda Web Services Search Engine? Contact us via [mail](#). (no free agent available to chat)

Service Tags

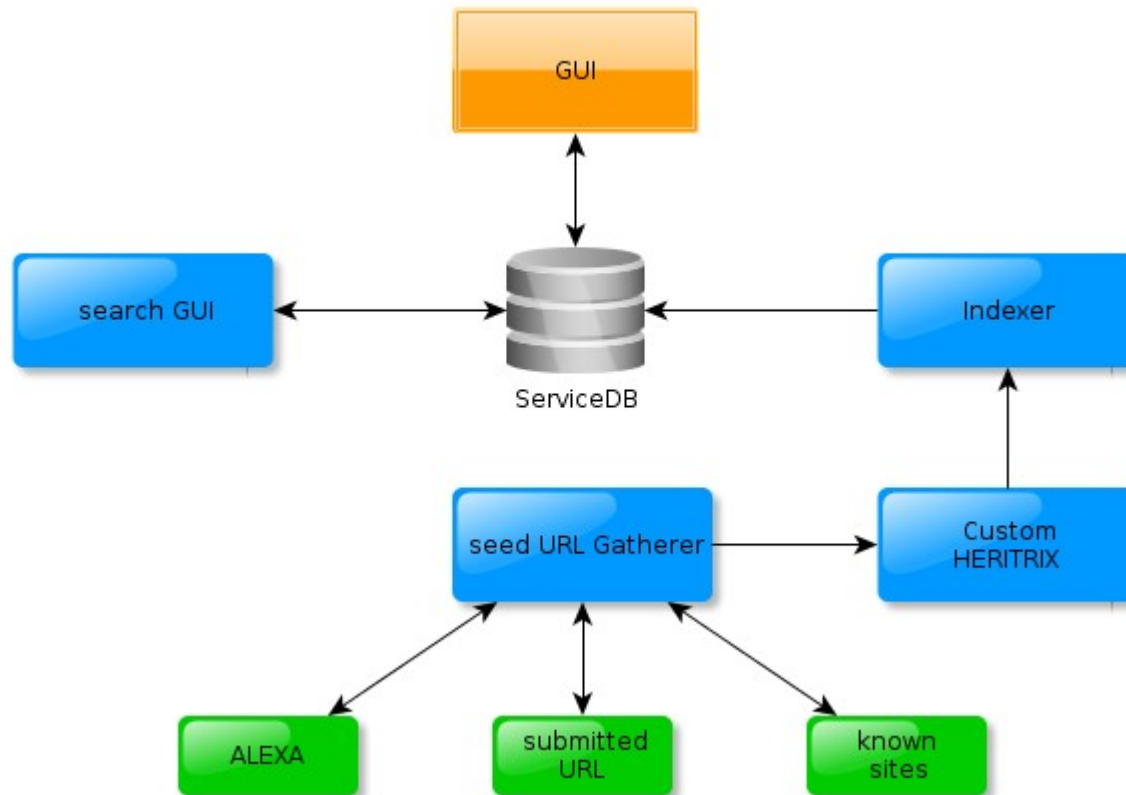
what are tags?

:business :science USA
_development _free_onsale
_unknown_unkown
bioinformatics commercial
company free
internal offline research
restricted sts test tourism
university

Featured

 **TaxIdWebService...**
 by: [hashnot.com](#)
 Service correctly verifies EU VAT IDs

 **MovieInformati...**
 by: [lgnyte.com](#)
 This service retrieves a list of current movies. Works for e.g.



- Two main domains:
 - Enterprise Collaboration
 - Enterprise Interoperability
- ~100 concepts
- ~230 keywords filtered
- >350 unique WSDL services extracted

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- Hard problem in general
- Relies on web page analysis
- Techniques
 - ◆ Automatic Classification
 - Supervised
 - Unsupervised
 - ◆ Term Frequency
- Tests are work-in progress

https://webservices.seekda.com/ssl/search_api?

Parameter	Description	Examples
q	Identifies the query whose values can be either keywords (connected with a '+') or qualified tag-value pairs as those below	q=enterprise+sms q=tag:enterprise
country (q-tag)	Returns services that pertain to the particular country code	q=country:de
sort (q-tag)	Sorts the results using the specified criterion. This criterion can be <i>documentation</i> , <i>availabilitylastweek</i> , <i>availabilitylastyear</i> , <i>provider</i> , <i>country</i> and <i>age</i> .	q=enterprise+sort:country
tag (q-tag)	Matches services that match the given tag	q=tag:sms
provider (q-tag)	Matches services from a given provider	q=enterprise+provider:http://mappoint.net
p	Indicates the page number of results to display (implicitly enables pagination)	q=enterprise&p=2
resultsPerPage	Determines the number of results per page if pagination is used.	q=enterprise&p=2&resultsPerPage=10

seekda Web Services


Services
Mashups
Add Service
Contribute
About

WSDL REST

seekda's Web Services portal provides a direct access to a robust technology platform enabling **search for public WSDL Services and Web APIs**

With Web Services technologies you enable, convert and enhance your applications to truly Web-based solutions. By using Web Services, you can plug-in and immediately use new components as easily as you already use software libraries today. The only difference in comparison to the traditional programming model is the ability to access functions and exchange messages not only within your local system, but with computer systems from all around the world. Web Services overcome problems of integration, as they were specifically developed to address problems of interoperability between applications.

The seekda **Web Services Search Engine** helps you to find Web Services based on a catalogue of more than 28,000 service descriptions. Services listed at seekda cover a wide range of functionality. For example, we have identified services that can send messages via fax or sms, validate addresses or allow you to translate some text. To find Web Services just type the keyword or the whole phrase into seekda Web Services Search Engine or alternatively browse Web Services and Service Mashups by several other criteria defined by us.



28.606
services

7.739
providers

Top Contributors


122.164.9.68	1
80.122.97.74	1
24.116.54.141	1
117.197.187.93	1
117.204.113.211	1

Newest Services

Service	wsdl
mainWSService	wsdl
areaWSService	wsdl
convertWSService	wsdl
MeteoWSService	wsdl
MyWebService	wsdl
Info	wsdl
Remote	wsdl
BannerCampaignService	wsdl
NotifierService	wsdl


We need your Feedback!

Co-develop this website with us and design it according to your own expectations! Join our OPD-...



Contribute Now!

Help us improving the quality of our index by annotating Web APIs using our simple 3-step Wizard!



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Within the context of the research project Insemvives, seekda! is working on the further development of its Web Services search engine. Check out new features, such as

- Annotation Crowdsourcing
- Mashups Challenge
- Long Term Competition

- Amazon Mechanical Turk
- Specify tasks
 - Web API yes/no
 - Provide and/or confirm tags
 - Provide and/or confirm category
 - Provide and/or improve description
 - Fill-in a short survey
- Optionally specify a qualification test
- Set Reward
- Get Results and approve

Description and Category

1



2



3

If possible, please provide a short (one sentence), but meaningful description of this Web API, such that other users can quickly get an overview of it's functionality. You may just copy a text snippet from the document to the right, if a good description is provided there.

Junge-search provides a way to do shopping online.

The following category has been **extracted automatically**. Please check if it is appropriate, and if possible provide a more detailed category by selecting it below.

- Shopping

Back

Next



The screenshot shows the homepage of JUNGLE-SEARCH.COM. At the top left is a logo of an elephant. The main navigation bar includes buttons for "Advanced Search", "Kindle Search", "Book Search", and "Quick". Below this is a section titled "ADVANCED SEARCH (US)" with an American flag icon. The text below reads: "Amazon offers thousands of great deals, but, sifting through the e your life easier. We offer the simplest, most thorough way to fin would like to search from the left hand column, then specify any c to be redirected to a new window containing your Amazon.com se". On the left side, there is a "Select a Category" dropdown menu with a list of categories: "All Categories", "Apparel", "Automotive", "Baby Products", "Beauty", "Books", "Cell Phones & Service", and "Electronics". On the right side, there are input fields for "Category:", "Keywords:", "Brand Name:", "Percentage Off", and "Price Range (F)".

- Three round performed
- 320 tasks in total
- Pretty good quality (80% acceptance)
- Fine tuned at every iteration
- Very good bootstrap

- Create and add mashups
- Annotate in the process
- Steps:
 - ◆ Announcement
 - ◆ Registration
 - ◆ Brainstorming
 - ◆ Implementation
 - ◆ Finalisation
 - ◆ Addition of services and APIs (if required)
 - ◆ Annotation
 - ◆ Submission

- Lasts 6 weeks
- Evaluation by seekda engineers and external experts:
 - ◆ User voting
 - ◆ Overall quality
 - ◆ Originality and usefulness
 - ◆ Technical details/implementation
 - ◆ Annotations of used services/APIs
- Presentation of top 3 submissions
- Winner gets a smartphone

- Provide annotations; become a top contributor
- Collect points by:
 - ◆ Changing and/or improving annotations
 - ◆ Providing new annotations
- Weight points based on annotation type
- Rank contributors
- Reputation is main award

- Web API detection is a cornerstone
- Annotations are needed to provide good results
- Incentivise to obtain annotations

Q&A