



Solcara PRISM

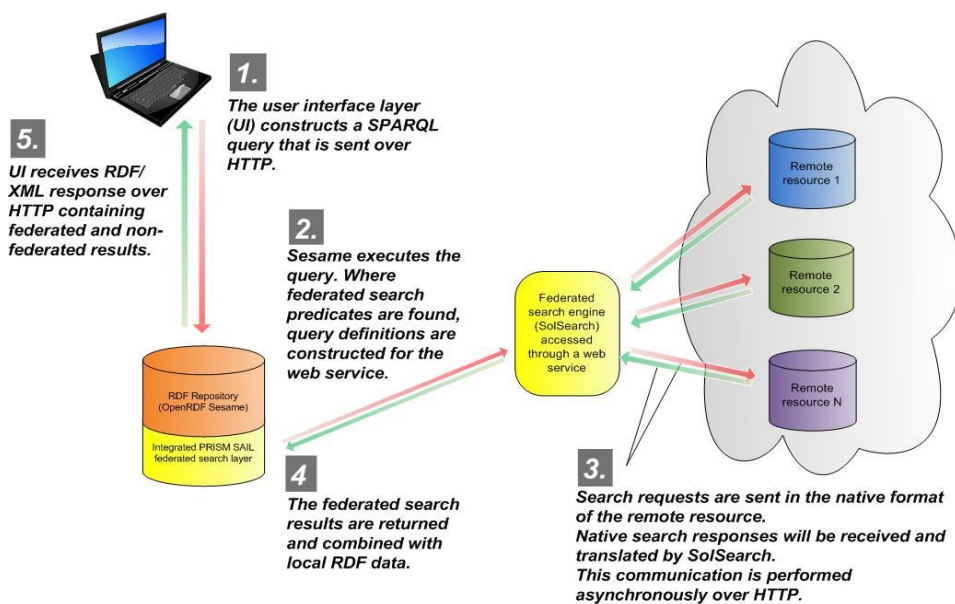
Precise retrieval of information using semantic methods

Product Brief

Solcara PRISM transforms the way in which we search and find information by enabling information held within multiple, different resources to be conceptually linked. Each resource is described using semantic methods and relating like data, making the resources semantically aware without the need for expensive conversion and tagging of their content.

Existing enterprise and federated search technologies support the indexing and searching of multiple internal and online systems respectively. These technologies do not, however, resolve the fundamental problem of targeting searches to specific resources, or segments within, based upon what the user is actually looking for. Knowing which system, database or online information service to search and how to search them, is a growing problem and one that results in frustrated users, wasted time, higher costs and increased risk of missing the important information. This problem is one that will not go away and the larger the organisation and the more resources and systems it uses, the bigger the problem.

How does Solcara PRISM work?



Solcara PRISM requires no additional aggregation, crawling, indexing, modification or translation of data. It empowers your users by enabling them to focus on **what they want to find** and not having to worry about **where the information is** and **how to search** each resource.

Semantic technologies and information mark-up are becoming more prevalent. Solcara PRISM can interface with semantic and non-semantic systems to provide a platform for your future integration and search needs. Solcara PRISM makes all of your information resources semantically aware and uses this knowledge to focus searches to the right resource.

Solcara PRISM is a step change in enterprise search and knowledge discovery. It has the capability to make existing internal systems and online services semantically aware today and makes finding information faster and easier than ever before.

Key features

- ✓ Linked Data - describe your information sources to deliver cross-resource linking
- ✓ Facilitate machine driven iterative knowledge discovery
- ✓ Benefit from semantic searches today
- ✓ No need to own, change, crawl, index or store the content
- ✓ Seamlessly integrate with existing semantic data
- ✓ Search any HTTP/API accessible content sources simultaneously
- ✓ Include information that is internal or external to your organisation, including subscription-based resources (the "Hidden" or "Deep" Web)
- ✓ No latency - results are as up to date as the sources being searched
- ✓ Low cost and low impact infrastructure
- ✓ Proven secure, extensible, scalable, multi-threaded technology

For more information on Solcara products and services contact us at:

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Solcara PRISM transforms how you search and find information by conceptually linking content across multiple different resources

✓ **Linked Data - describe *your* information sources for *your* business needs to deliver cross-resource linking**

Attain more efficient and effective searching by semantically describing information sources relevant to your business model – not requiring a semantic mark-up of the data. The system only has to understand the information source content, inputs and outputs to define the semantic descriptions. User’s queries are automatically targeted to relevant resources without having to personally determine which resources should be searched.

✓ **Facilitate machine driven iterative knowledge discovery**

The links you build between information sources can support iterative searches of sources using the output of one search to automatically search a second set of resources. Complex searches that require multiple queries of multiple different systems/indexes can now be submitted as a single search.

✓ **Benefit from Semantic Searches today, and integrate semantic data now or in the future**

The World Wide Web is undergoing a change – content is being “marked-up” as RDF but it will take time to come to fruition. Solcara PRISM enables you to benefit from the technology today without needing to mark-up your existing content.

✓ **No need for extra crawling or indexing - low cost and low impact of ownership**

Data integration is costly in manpower, technology and, often, consultancy fees. Rather than overhaul existing systems, re-index existing data in another form, or crawl online information and manage additional index storage, by defining PRISM connectors to search and deliver results pertinent to your business domain integration is easier to achieve. An easy to use and configurable interface means that you control what the solution looks like and how it works. This helps to deliver improved usage, reduce duplication of effort and keeps deployment and ongoing training costs low.

✓ **Include secure and subscription-based resources**

High value content is mostly accessible only through personal or corporate registrations, while internal content maybe be protected or controlled by LDAP or other security mechanisms. This “Hidden Web” is inaccessible to search engines, crawlers and aggregators, but PRISM will search on behalf of the user and maintain the security of each system.

✓ **Search any HTTP/API accessible content sources simultaneously**

Connectors can be configured to query internal databases, content/document management systems, file systems and intranets in conjunction with online search engines, news sites, journals, publishers and libraries.

✓ **Extensible and secure solution**

New connectors can be added quickly and advanced administration interfaces enable you to manage how and when they are deployed. Security across resources is maintained and for online services security can be configured at an office, group or individual level for any resource required. The asynchronous search technology is multi-threaded and performance managed.