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The Concept Web Alliance

CWA's Value Proposition

- A distributed public-private partnership of academics and enterprises addressing the increasing problem of information overload by designing tools for interoperability across databases, thereby enabling efficient global knowledge discovery.
- Interoperability is achieved through allocation of global unique object identifiers linking concepts and meaning enabling the usability of massive, dispersed and complex data.
- The ultimate goals are to drive consensus towards a collaborative way of managing information overload, providing reasoning tools for an ever-growing, unmanageable amount of data.
- Beyond data-mining, this concept-based approach enhances the accuracy and credibility of results of knowledge discovery efforts.

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Mission

To enable an open collaborative environment to jointly address the challenges associated with high volume scholarly and professional data production, storage, interoperability and analyses for knowledge discovery.

CWA's Founding Principles

- CWA recognizes the need for strong international collaboration and has developed a robust partnership model fully inclusive of leading faculty and thought-leaders in the field of concept web-based knowledge discovery technologies.
- CWA's novel, entrepreneurial model is designed to streamline research efforts and avoid inefficiencies often inherent in the current academic system.
- In addition, CWA advocates Open Source and Open Access for interoperable data according to the El Salvador Declaration on Open Access.
- CWA has a strong commitment to include developing country partners, maximizing the available intellectual capital and fostering a global set of stakeholders.

CWA's Products

- A global 'Concept Wiki' for uniquely identifying content and people allowing for annotation by the community, thus establishing Professional Knowledge Networking with strong links to international Wikipedias.
- The Knowledge Linker fully implemented at 2 research data sources
- The first fully interoperable Open Access Knowledge Exchange Platform across languages [Software as a Service].
- The first Web 4.0 Knowledge Discovery Solutions Platform, powered by a concept-based semantic indexing and matching engine.

Sustainability Model

Revenues accrue to the organization for collective projects and goals from the following sources:

- Sponsorship and membership fees
- Public Funding: grants and donations
- Indirect support from the Public Private Partnership
- An estimated 2.5% of gross revenues from spinoffs

Key Outcomes

- Knowledge Discovery for academia and industry
- Demonstrated efficiency in science management
- Enhanced allocation of public research funding
- Connecting experts around the globe

Signatories from over 90 organizations:



The Pitch

In 2009 CWA successfully overcame the major challenge of uniting all relevant partners in support of this common vision. Focused execution of the vision requires that incentives are aligned for all parties to dedicate sufficient resources to the Alliance. CWA's Secretariat is seeking additional funds to manage this process efficiently and accelerate execution.

Funding Requirements 2010 to 2015

\$3,000,000

Support through 2009

\$800,000 (NBIC and Bill Melton Foundation)

Contact

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