



JUMPER

Jumper is a new kind of knowledgebase built on Web 2.0 technology.

Our software provides an Intranet portal where user-created data profiles identify quality data resources, user-contributed information adds real-world knowledge about the data resources, and user-created reviews sort out the worthy resources from the inadequate. Other users can search the knowledgebase for this data. In addition, they can directly contribute what they know about this data to the knowledgebase. It allows the participants to act as a filter for what is valuable and build upon mainstream pursuits, but also uncovers valuable data hidden at the edge. Ultimately, Jumper is about using the wisdom of your organization, leveraging the know-how of those who do the work, providing simple and straightforward responses to user inclination, and sharing that knowledge so that others can build upon it.

Reference Any Kind of Data. Jumper allows you to create a reference and pointer to any data, in any format, in any location across your organization, partner organizations, or the public Internet. With our open framework you can literally reference any type of data; from a database to specific tables; from medical images to biological models; journal articles, scientific papers, or research notes; even web pages, video, and audio files can be profiled by users. These data profiles are catalogued to provide a unique reference to the data. The data profile is like a card in a card catalogue. Like a card catalogue in a library a Jumper provides a centralized reference to all your data resources. A Jumper grows organically with each new user contributing to the collective knowledge of the organization over time.

Link Data in Meaningful ways. Jumper also provides tools to interlink data between different data sources. When you create a profile that references a data object you can link it to other data that is important, valuable, and relevant. With Jumper you can link all your data together in meaningful ways based upon relationships and dependencies that exist between the data. Users share how data is connected to other data or information that describes and enriches the data. You can connect a new assay to the source table it was derived from, a 3D model of the data, important journal articles, MRI images, and clinical cases to create a web of connected data. With Jumper users directly build these data links based on their knowledge about relationships between the data. They uniquely define the RDF predicate that describes the relationship between objects and build hyperdata links that connect data objects in a web-style framework.

Capture Knowledge About the Data. With Jumper organizations can capture the knowledge that exists in abundance across the enterprise. It empowers users to describe, classify, annotate, audit, track, link, integrate, and discover information about any data. Jumper helps you build a higher level of collective intelligence that grows organically and self-organizes on your Intranet. Jumper delivers a more real-time, interactive, and participatory technology than traditional search engines and portals. The result is wider and more-inclusive search with much greater depth and detail about the data. Jumper creates this visibility from the bottom-up, in an emergent fashion from the sum of the knowledge of all the users. It shares the collective knowledge of the organization in a truly two-way, inclusive, comprehensive, real-time and democratic process. Start building powerful knowledge networks today with Jumper.

