

Webstructor Mine: Content Extraction Service and Solution

- ✿ World Wide
- ✿ Content Extraction
- ✿ Service and Solution
- ✿ for Enterprises
- ✿ and Individuals

Webstructor Mine: Goals and Use Cases

The **ABC company** has completed spin off of **subsidiary XYZ company** under the contract of **5 million dollars**.
CEO of the **ABC company John Doe** yesterday said that they are going to ...

Today, in its **Georgetown, TX** headquarters, **DEF corporation** has announced its new **spin-off UVW**. The sum of deal is announced to be **8.5 million dollars**.

ABC Subsidiary XYZ Spin-Off \$5M
Theme: Spin-Off
Parent Company: ABC
Child Company: XYZ
Asset: Subsidiary
Amount: 5

DEF Subsidiary UVF Spin-Off \$8.5M
Theme: Spin-Off
Parent Company: DEF
Child Company: UVF
Asset: Subsidiary
Amount: 8.5

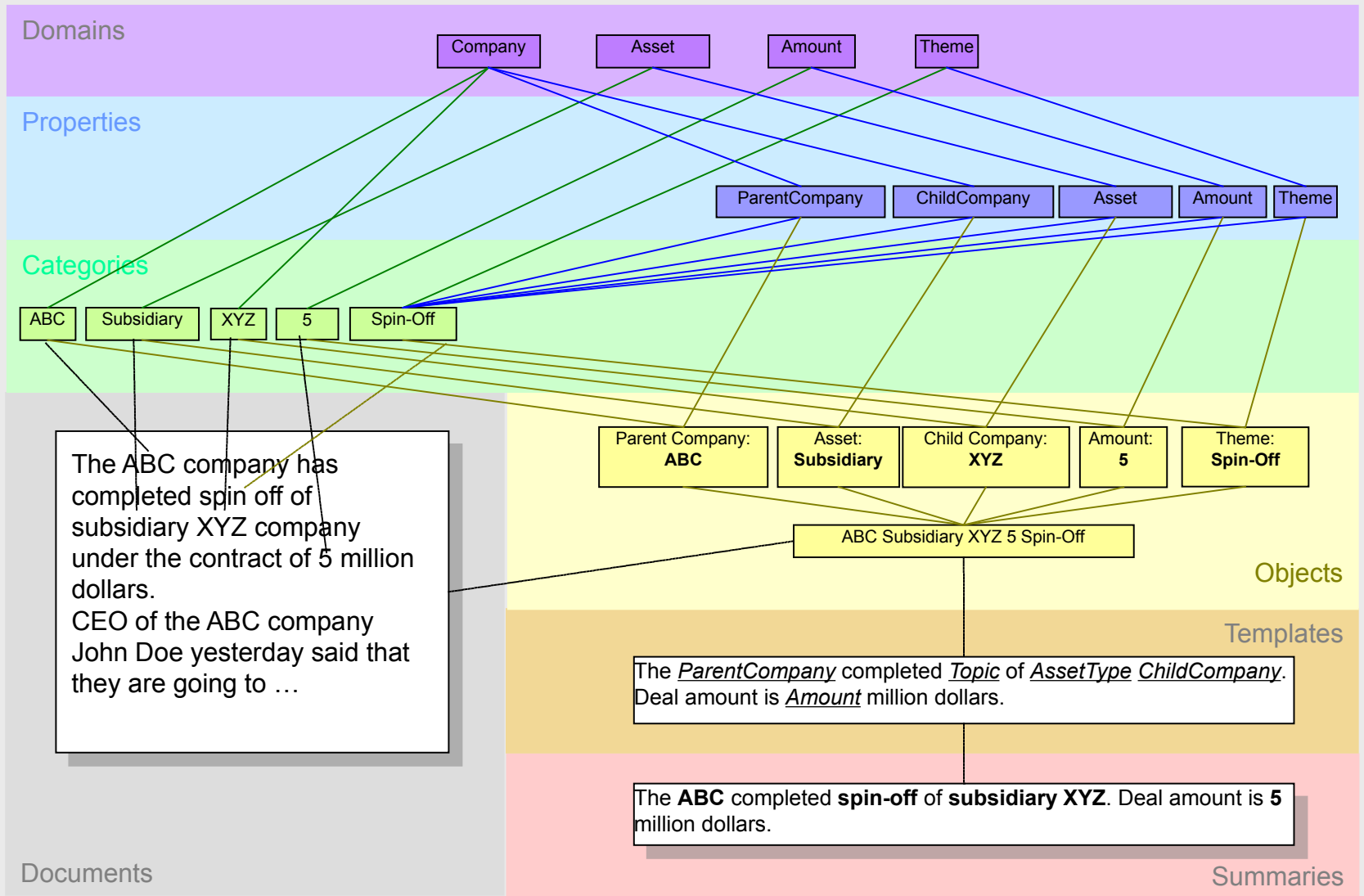
Train

Webstructor Mine

Extract

Explore

Webstructor Mine: Content Extraction Example



Webstructor Mine: Category View UI

Webstructor Mine: Category View

Asset View Categories & Features Documents Objects & Properties

Categories for with

Name
Subsidiary
Property
Facility

<New Category>

Documents for

DocSrc1

Name	Relevance	Confirm
http://1.2.3.4/news/doc77.txt	■■■	+
\\myhost\data\press\doc35.txt	■■	+
c:\documents\document89.html	■■	+

<New Document>

Features for Category

Name	Relevance	Confirm
spin off	■■■■	+
spun	■■■	+
subsidiary	■■■	+

<New Feature>

Document Highlights Original

The company ABC has **spin off subsidiary** company XYZ for 5000000 USD. CEO of the company John Belle yesterday said that they are going to compete with PQR subsidiary of DEF corp. spun off for 4 million euro year before.

Objects for Category Document

Comp	AssetType	Spun	Amount	Unit	Curr
ABC	subsidiary	XYZ	5	million	USD
DEF	subsidiary	PQR	4	million	EUR

Object Properties

Property	Domain	Category
Company	Company	ABC
Asset Type	Asset Type	Subsidiary
SpunOffCompany	Company	XYZ
Amount		
Unit		

<New Domain> <New Property>

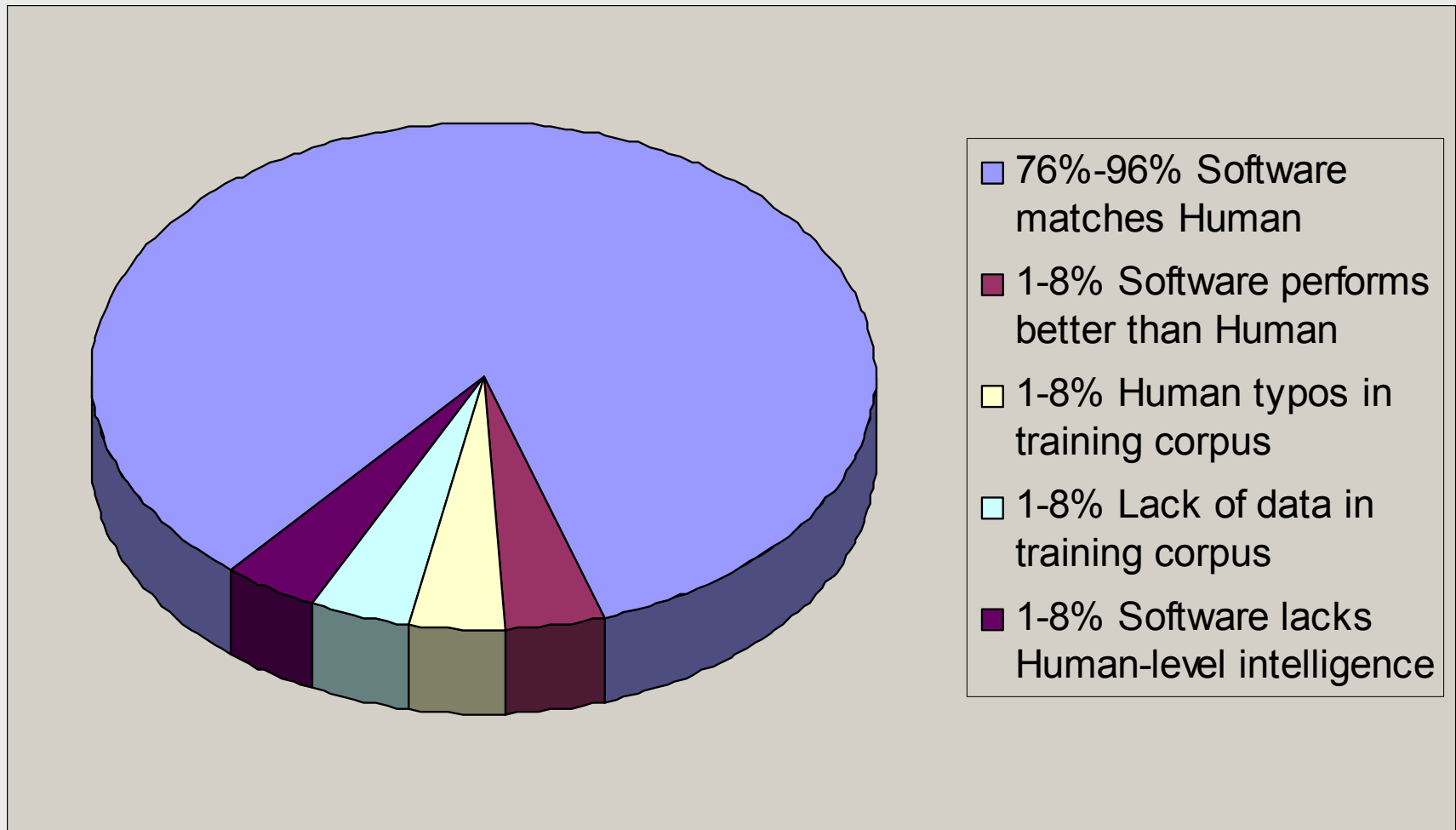
Property Categories

Name	Relevance	Confirm
Subsidiary	■■■■	+
Property	■	
Facility	■	

<New Category>

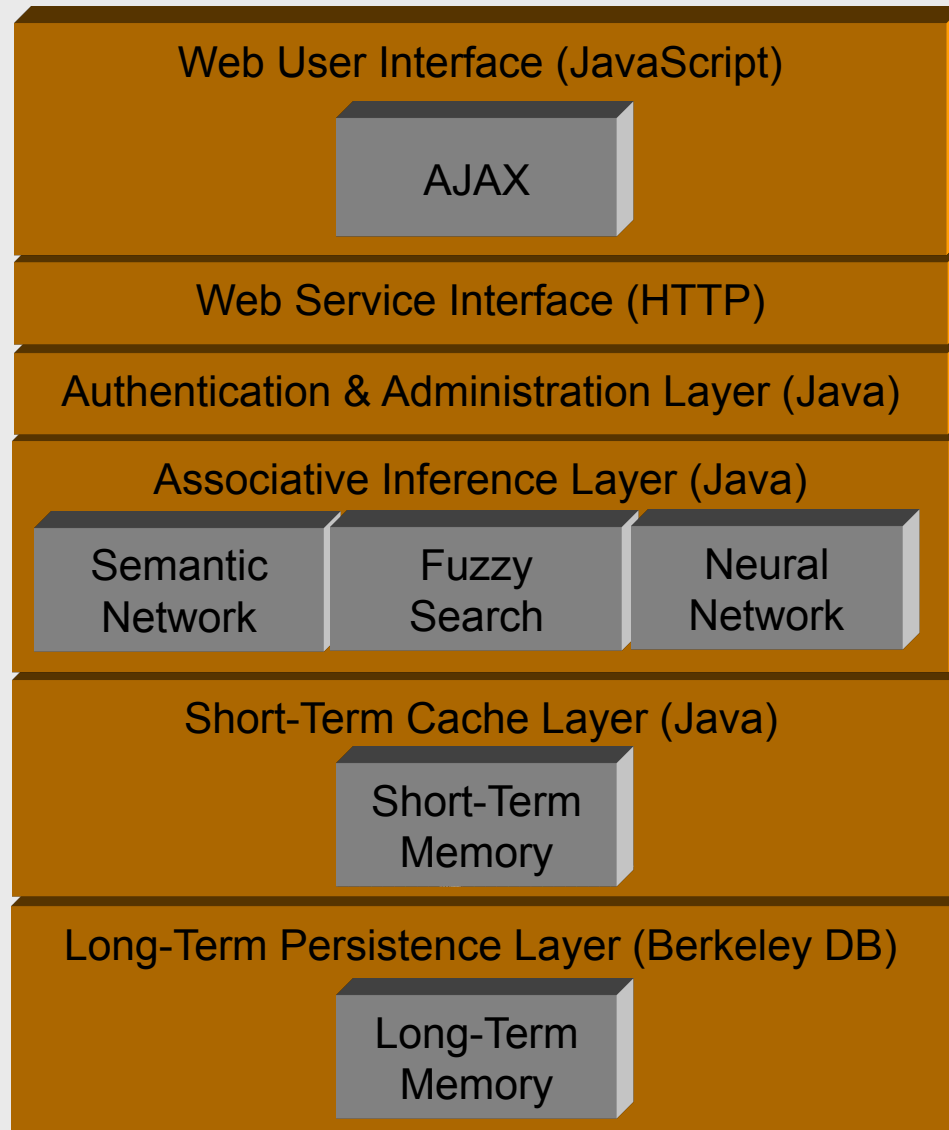
Category-centric user interface allows online users to search, browse and view existent categories, explore documents they are assigned to and objects involving them or associate new documents or create new objects.

Webstructor Mine: Content Extraction Precision



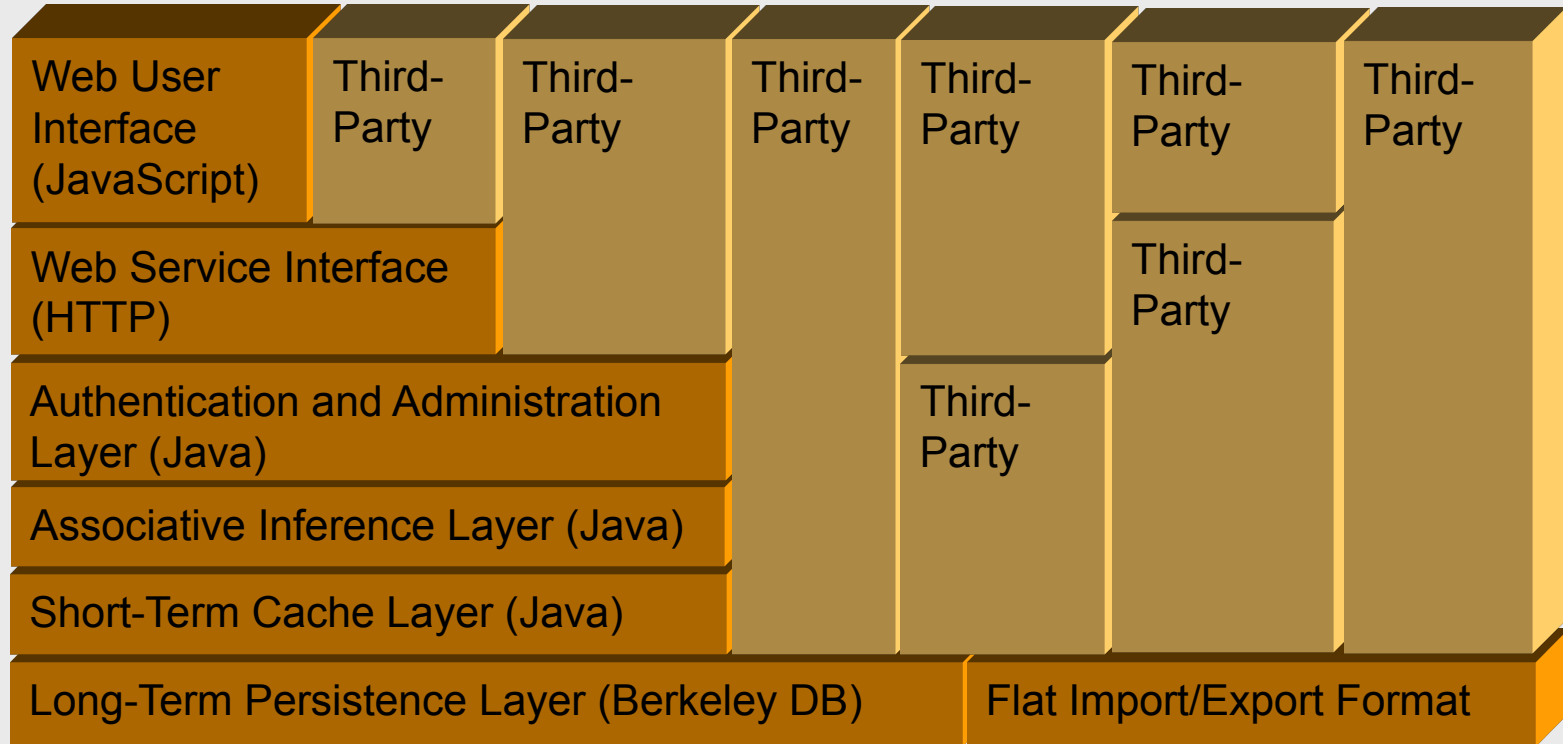
The approach has been tested with various training and testing sets of size such as 25 domains, 500 thousand categories, 2 million objects and documents, 25 million ternary and binary associations. Testing results unveil the automated extraction performance is comparable or better than performance of human specialists.

Webstructor Mine: Know-How Ingredients



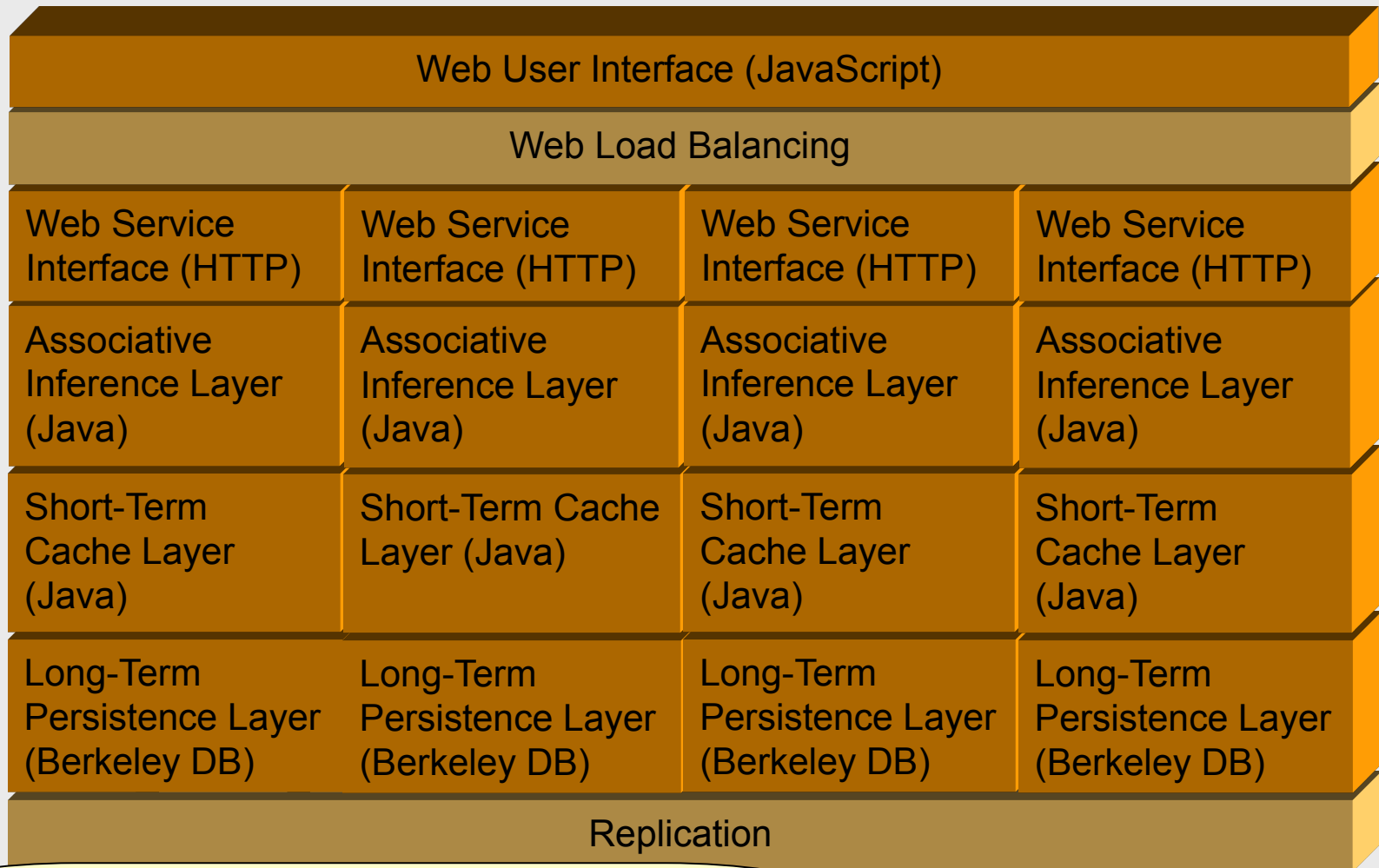
Represents synergetic combination of modern web development technologies and advances in artificial intelligence, knowledge management, fuzzy computing, text mining and neurophysiologic simulation.

Webstructor Mine: Platform Architecture



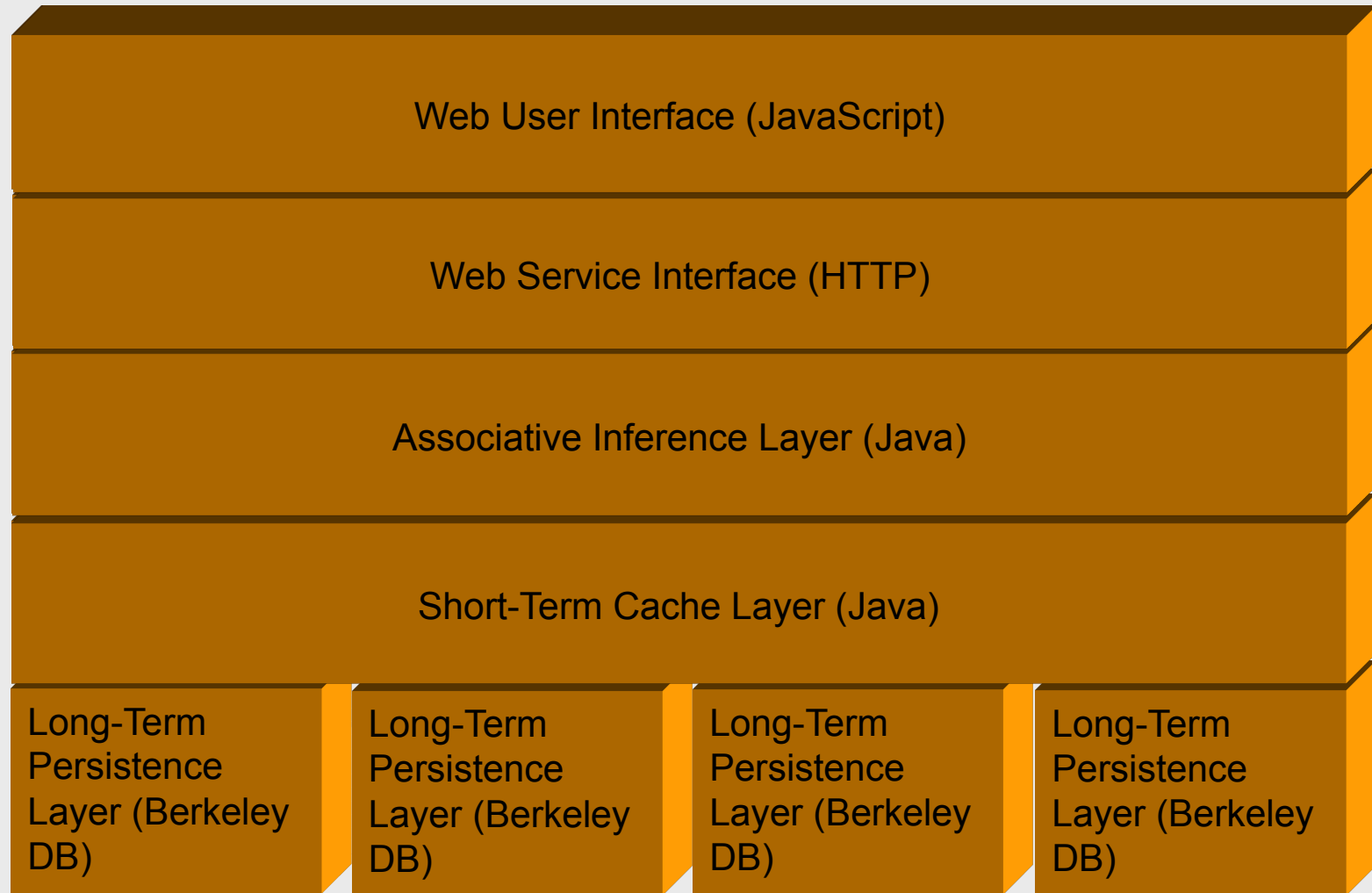
The employed platform architecture involves four isolated layers and enables seamless integration of the technology with and into any third-party solutions at any layer.

Webstructor Mine: Clustering Approach



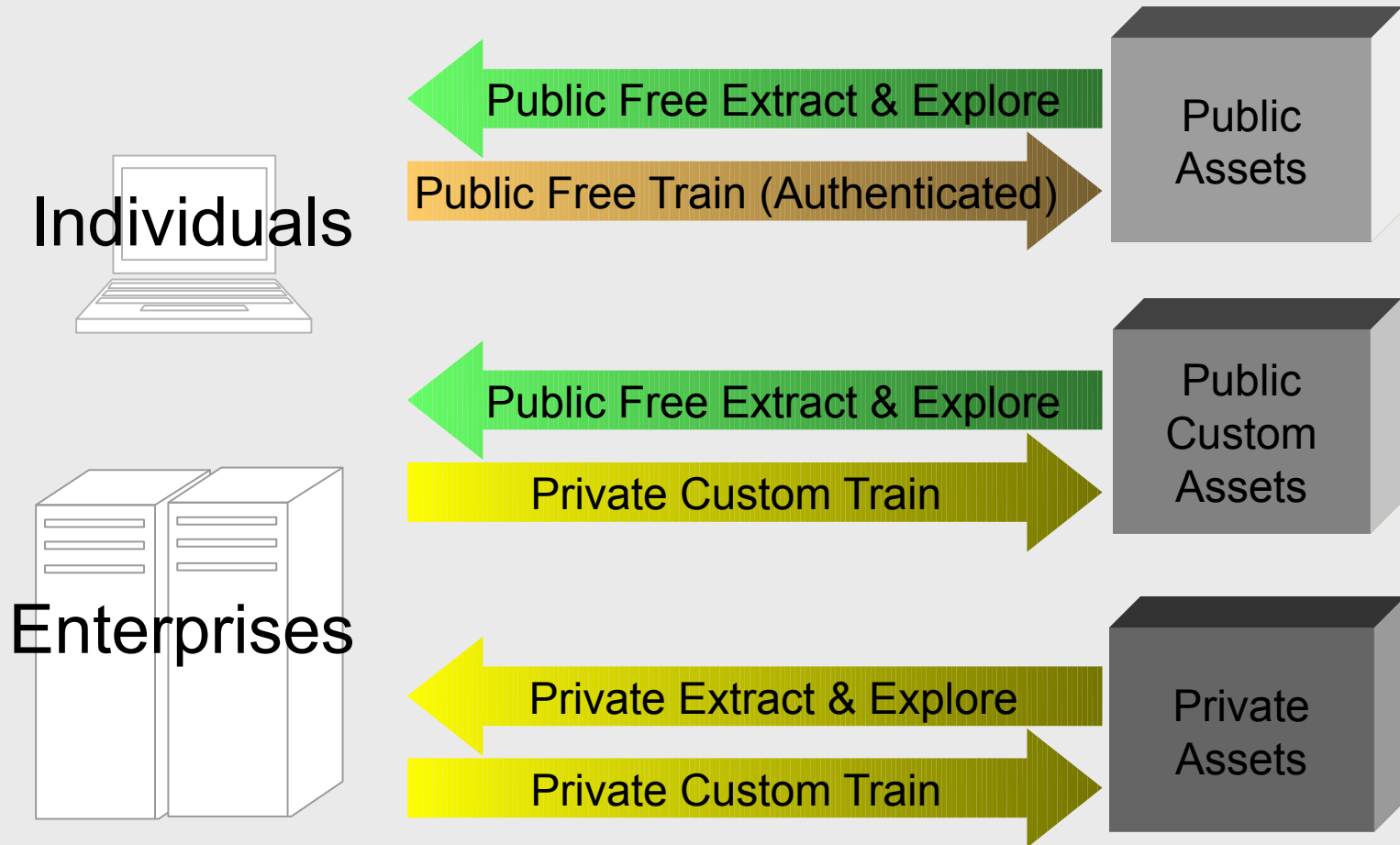
Industry-compliant clustering approach enables almost linear scalability of online solution based on web-level load balancing supported with low-level replication of the underlying data.

Webstructor Mine: Partitioning Approach



Low-level data partitioning technology makes it possible to face the problem with enormous data sets appearing once full web-scale document sets are involved in operation.

Webstructor Mine: Business Models



Several business models for usage of the service and solution make it cheap-to-free for both enterprises and individuals to use them for their specific and proprietary needs.

Webstructor Mine: Content Extraction Service and Solution

Thank you for your time!
Visit us at

<http://www.webstructor.net/mine>

E-mail us to
contact@webstructor.net