Categorization &
Automated Semantic Knowledge (ASK)
Technology Overview

N-Dimensional

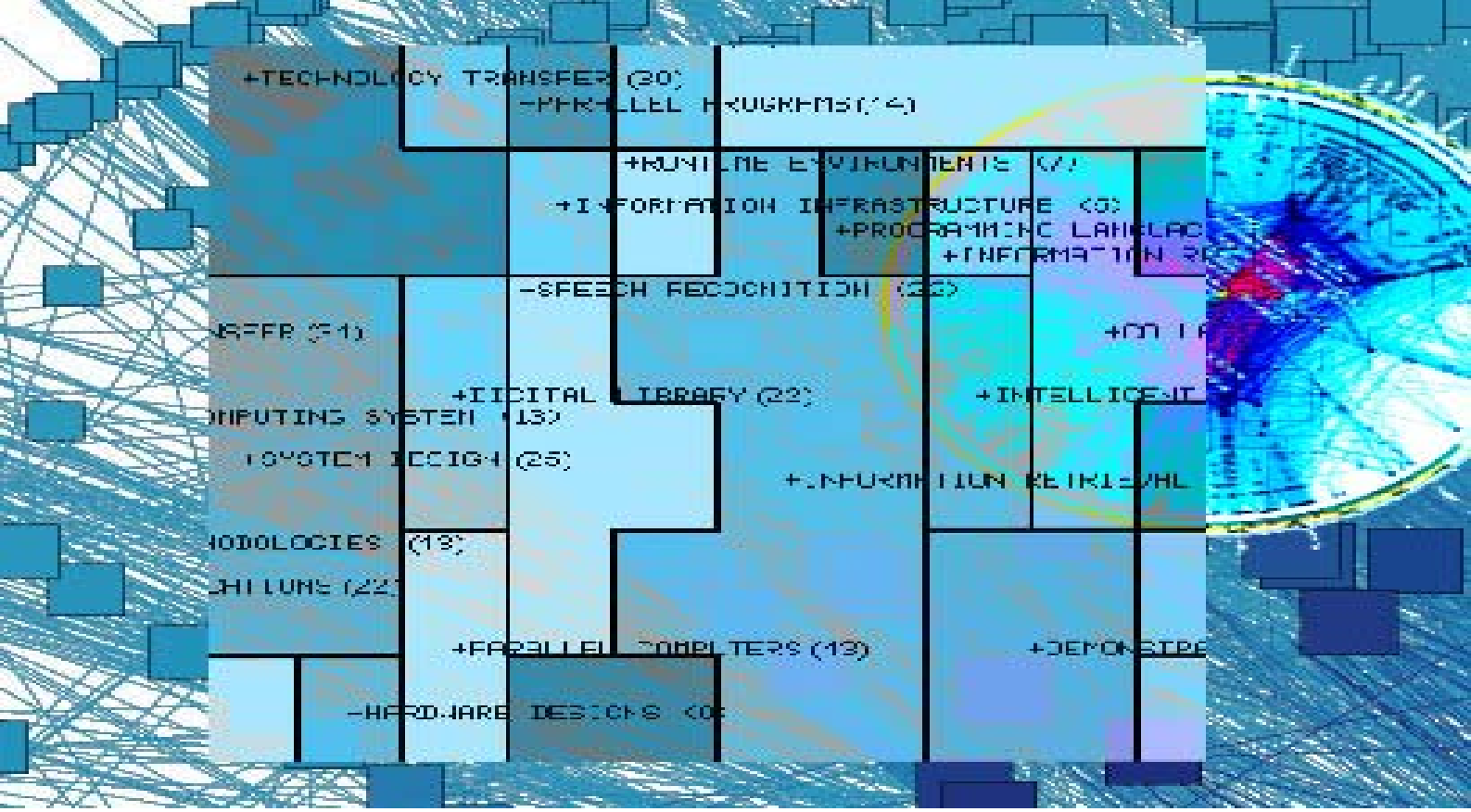
Automated order is one of the holy grails of modern computer systems. As millions of documents are generated each minute, quick and efficient manual organization is becoming impossible. Powerful automated methods of categorization have become essential. Without order, corporations are unable to leverage the insight buried within their content to make strategic, informed business decisions.

The process of building, extending, and filing categories is difficult. Maintaining, personalizing, and empowering categories is even harder. In addition, solutions differ from person to person, and usually need to change as more documents are added. The problem is simply N-Dimensional.

A fundamental element of any solution is the method of documents analysis used. 2028's Automated Semantic Knowledge (ASK) provides a clearer, better, and more humanistic document analysis, catalyzing categorization solutions to the next level.

2028's Automated Semantic Knowledge (ASK)

Designed to mimic human reading and analysis, ASK understands a document's semantic relevance by identifying and analyzing the concepts and their relationships via innovative data representations, set algorithms, and heuristics. Just as Link Analysis algorithms have propelled web search, ASK uses comparable insightful heuristics to dramatically improve intra-document analysis and corporate search. In addition, ASK amalgamates the individual pieces over a set of documents into a powerful new substrate – a contextual lattice of knowledge. The results simply speak for themselves.



The D Drive

ASK forms a basis that can be leveraged by numerous different categorization methods. Algorithms that automated the building, extending, and filing of categories rely on the individual document information available. With powerful conceptual semantic relevance metrics and a semi-structured semantic network on both a individual and aggregate document level, ASK provides the necessary infrastructure to galvanize categorization.

With humanistic relevance metrics and semantic networks, more intuitive rules and algorithms can be developed. The means to ease the difficulties of maintaining, personalizing, and empowering categories is here with ASK.