Hypertrie

A fixed-depth Trie [Bra] is seemed to be a straightforward representation for an RDF sparse tensor. A *Tire* is a data structure for holding sequences. Concretely, a trie is a tree structure that is used to store sequences of characters a from an alphabet A. An example of an alphabet is ASCII codes, then strings are sequences of characters from this alphabet.

Tentris relies on a novel data structure called Hypertire for representing its RDF sparse tensor. Hypertrie is a trie-based data structure. What makes Hypertrie different from normal Trie is that, ….

The result of a slice is a *subtrie.*