Abstract
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Re-using open literature: The NeuroCommons

The Open Access movement reserves the right to re-use the peer reviewed literature: translation, republication, annotation and analysis. This talk will lay out a specific re-use of the open literature - the NeuroCommons.

The first stage of the NeuroCommons project is underway. Using natural language processing and other automated technologies, we are extracting machine- readable representations of neuroscience-related knowledge as contained in Open Access Literature and taxpayer-funded databases. We will use standard Semantic Web markup languages to assemble those representations into a "graph" that we will re-publish with no intellectual property rights or contractual restrictions on reuse. Our goal is to demonstrate that the rights of re-use, combined with new technologies, can dramatically increase the value of knowledge on the web.