

dANN Project Ideas

dANN's live development state: <http://bugs.syncleus.com/trac.cgi/dANN/report/3>

Graph Visualization API

Interactively view and edit dANN graphs (directed and undirected, including hypergraphs and trees).
JUNG2 <http://jung.sourceforge.net/> graph library's visualization system to dANN Graph API.
Swing - Using appropriate NetBeans <http://netbeans.org> APIs.
JOGL OpenGL (<http://opengl.org>) - Using OpenGL vector graphics and interactive zooming.

Neural Network API

Adapting Neuroph <http://neuroph.sourceforge.net/> to dANN Graph API

Genetic Wavelets Lab

Software for experimenting with and using genetic wavelets.

AI Demos and Visualization

Interactive applications that demonstrate functionality of dANN components.
Chess
Maze Robot
Cut-up Machine (Markov Chains similar to dadadodo)
etc...

Demos can eventually be expanded into full-fledged apps.

ScreenBot

Desktop vision system, described in more detail at: <http://wiki.syncleus.com/index.php/ScreenBot>

RDF Interface

Semantic web quad-store interface for graphs using OpenRDF (<http://openrdf.org>)

OpenCog Interface

For connecting to OpenCog (<http://opencog.org>) CogServers.