Heading

2009-2010 Computer Science Senior Capstone

RapidGraph

By Michael Anderson and Rob McGuire-Dale

Eye-Catching Boxes (Listed horizontally across top, below the heading)

Rapidly Accessible

<image of address bar>

It's web-based which means it will work in any modern browser without needing to install any additional software.

Rapidly Createable

<image of main UI>

An intuitive, consistent, and easy-to-use interface encourages fast and accurate graph creation.

Rapidly Portable

<image of RG on several different systems>

RapidGraph is built with standard web languages and open-source technologies allowing it to be installed on and used with virtually any computer system.

Rapidly Modular

<image of puzzle pieces signifying different functionality>

A plugin system allows for fast and consistent functional extendibility.

Examples (In a box-of-four formation, below the eye-catchers, left justified.)

Shortest path

Map-coloring problem

Knight's tour

<One more example>

Technical Details (leftmost tall box)

Front-end built with jQuery and W3-complaint standard web languages.

Back-end built on Apache, Django, Python, and C++.

Installation space required

RAM required

Supported browsers

<dataflow diagram>

Administrative Details (rightmost tall box)

Class Details

Creators

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