

	Activity Name	Start Date	Finish Date	Sept 04				Oct 04				Nov 04				Dec 04				Jan 05				Feb 05			
				5	12	19	26	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23	30	6	13
1	Cytoscape 2.1																										
2	Development																										
3	VizMapper																										
4	▲ Node label color control (Nerius)	9/20/04	9/24/04																								
5	Graph Model and Operations																										
6	Layout features (Rob, Nerius, Chris W., Rowan)																										
7	▲ Layout selected nodes (Nerius, Rowan)	10/4/04	10/15/04																								
8	▲ Rotate selected nodes (Nerius, Rowan)	10/18/04	10/29/04																								
9	Edge Direction e.g., Undirected graph option -- This option would change the way certain API functions are handled (e.g. getNeighbors) and data are mapped (e.g. A pp B returns same data as B pp A).	1/10/05	1/21/05																								
10	Data																										
11	External Data [formerly Data Services] (Gary, Ethan, Chris, Mark, John Salama, Alex Pico)																										
12	▲ Direct cPath interface, Beta 2 (Ethan)	10/11/04	11/8/04																								
13	Species bundles (Gary)																										
14	Data and menu options (like GenMAPP)																										
15	Support for SOFT (Ethan)	10/25/04	11/9/04																								
16	Support for PSI-MI Level 1 (Ethan)	10/25/04	11/9/04																								
17	Support for PSI-MI Level 2 (Ethan)	12/27/04	1/7/05																								
18	Support for BioPAX Level 1 (Ethan)	12/27/04	1/21/05																								
19	Support for BioPAX Level 2 (Ethan)	12/27/04	1/21/05																								
20	Support for SBML (Rowan)																										
21	cPath Web Service Development, Version 1.0 - an external project, see: http://www.cbio.mskcc.org/cpath/ http://www.cbio.mskcc.org/dev_site/cpath/	10/18/04	11/5/04																								
22	▲ Performance																										
23	Goals																										
24	Development of a short list of performance measures (Rob)	10/26/04	11/3/04																								
25	Analysis/Design																										
26	Benchmarking, performance characterization (Rob, Mark)																										
27	Graph loading (Rob, Mark)	11/5/04 1/31/05	11/11/04 2/2/05																								
28	Visualization (Rob, Mark)	11/5/04 1/31/05	11/11/04 2/2/05																								
29	Optimization/Implementation																										
30	Performance Optiimization of GINY (Nerius)																										
31	Analyze run-time behavior and code for areas of improvement (Rob, Mark Nerius, Rowan, all)	11/12/04	12/3/04																								
32	Implement optimizations (Nerius, Rowan, all)	11/26/04	1/31/05																								
33	Benchmarking suite (also see #41)	1/18/05	1/31/05																								
34	Testing and Docs (Gary, Mark, Ethan, Rob,																										
35	Functional testing																										
36	J Unit - organize into test suites (Ethan will manage)	1/7/05	1/13/05																								
37	Technical documentation (Ethan)																										
38	Set-up Maven development site	12/27/04	12/31/04																								
39	▲ On-line help system (Mark)	9/15/04	9/22/04																								
40	Creation of developer checklist for new code: javadoc, junit, code review (look for architecture points, easy optimizations, and general style), error checking																										
41	Coverage and performance testing	1/31/05	2/7/05																								
42	Documentation of complexity (big O notation) for all algorithms in terms of time and memory, nodes and edges (-- partial --)																										
43	User documentation (Gary will manage)	2/9/05	2/15/05																								
44	Web site maintenance (Ethan will manage)	2/11/05	2/15/05																								
45	Core architectural design / Interoperability (Califano, Mark, Rob)																										
46	▲ Headless mode...	10/18/04	1/31/05																								
47	▲ Progress Bar manager / threading control (Nerius)	10/4/04	10/15/04																								
48	▲ Threading control / Task Framework (Ethan)	11/22/04	1/31/05																								
49	"Taskify" expensive operations (Ethan)																										
50	Load SIF Files (Ethan)	1/24/05	1/24/05																								
51	Load GML Files (Ethan)	1/24/05	1/24/05																								
52	Load Node Attributes (Ethan)	1/25/05	1/25/05																								
53	Load Edge Attributes (Ethan)	1/25																									