1 Cytoscape 2.1 2 Development 3 VizMapper 4 Node label color control (Nerius) 5 Graph Model and Operations 6 Layout features (Rob, Nerius, Chris W., R 7 Layout selected nodes (Nerius, Rowan) 8 Rotate selected nodes (Nerius, Rowan) Edge Direction e.g., Undirected graph option This way certain API functions are handled (e.g. getNeig	Start Date 9/20/04	Start Date	Finish Date	Finish Date	% Complete	5 12		26 3	10 17	24	31 7	14 21	28	5 12	19 26	2 9 16	23 30	
2 Development 3 VizMapper 4 Node label color control (Nerius) 5 Graph Model and Operations 6 Layout features (Rob, Nerius, Chris W., R 7 Layout selected nodes (Nerius, Rowan) 8 Rotate selected nodes (Nerius, Rowan) Edge Direction e.g., Undirected graph option This way certain API functions are handled (e.g. getNeig	9/20/04																	6 13 20
<ul> <li>VizMapper</li> <li>Node label color control (Nerius)</li> <li>Graph Model and Operations</li> <li>Layout features (Rob, Nerius, Chris W., R</li> <li>Layout selected nodes (Nerius, Rowan)</li> <li>Rotate selected nodes (Nerius, Rowan)</li> <li>Edge Direction e.g., Undirected graph option This way certain API functions are handled (e.g. getNeig</li> </ul>	9/20/04			'														
4 Node label color control (Nerius)  5 Graph Model and Operations  6 Layout features (Rob, Nerius, Chris W., R  7 Layout selected nodes (Nerius, Rowan)  8 Rotate selected nodes (Nerius, Rowan)  Edge Direction e.g., Undirected graph option This way certain API functions are handled (e.g. getNeig	9/20/04																	
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Rotate selected nodes (Nerius, Rowan)  Edge Direction e.g., Undirected graph option This way certain API functions are handled (e.g. getNeig	owan)																	
Edge Direction e.g., Undirected graph option This way certain API functions are handled (e.g. getNeig	10/4/04		10/15/04		100.0%					_								
way certain API functions are handled (e.g. getNeig	option would change the	10/18/04	10/29/04	10/29/04	100.0%													
9 mapped (e.g. A pp B returns same data as B pp A).	nbors) and data are																	
40 Dete																		
10 Data  External Data [formerly Data Services] (G	ary, Ethan, Chris, Mark,																	
John Salama, Alex Pico)  12 Direct cPath interface, Beta 2 (Ethan)	10/11/04	10/11/04	11/8/04	11/8/04	100.0%													
13 Species bundles (Gary)																		
Data and menu options (like GenMAPP)  Support for SOFT (Ethan)	10/25/04	10/25/04	11/9/04	11/9/04	100.0%													
16 Support for PSI-MI Level 1 (Ethan)				11/9/04	100.0%													
Support for SBML (Rowan)  cPath Web Service Development, Version 1.0 - a	n external project see: 10/18/04	10/18/04	11/5/04	11/5/04	100.0%													
http://www.cbio.mskcc.org/cpath/ http://www.cbio.mskcc.org/dev_site/cpath/	To royal	10/10/01	1170701	1110101	100.070													
19 Performance																		
<ul><li>20 Goals</li><li>21 Development of a short list of performance measurement</li></ul>	res (Roh) 40/26/04	10/26/04	11/3/04	11/3/04	100 0%													
<ul><li>Development of a short list of performance measurement</li><li>Analysis/Design</li></ul>	10/20/04	10/20/04	11/3/04	11/3/04	100.0%													
Benchmarking, performance characterization (Ro Graph loading (Rob, Mark)		11/5/04	11/11/04	11/11/04	100.0%						<u> </u>							
24	1/31/05	1/31/05	2/2/05	2/2/05	100.0%													
Visualization (Rob, Mark)		11/5/04 1/31/05	11/11/04 2/2/05	11/11/04 2/2/05	100.0% 100.0%													
26 Optimization/Implementation 27 Performance Optimization of GINY (Nerius)																		
Analyze run-time behavior and code for areas of Nerius, Rowan, all)	improvement (Rob, Mark 11/12/04	11/12/04	12/3/04	12/3/04	100.0%													
29 Implement optimizations (Nerius, Rowan, all)	11/26/04	11/26/04	1/31/05	1/31/05	100.0%													
Benchmarking suite (also see #41)	Dob Iliana)																	
<ul><li>Testing and Docs (Gary, Mark, Ethan,</li><li>Functional testing</li></ul>	KOD, IIIana)																	
J Unit - organize into test suites (Ethan will manage	e)																	
34 Technical documentation (Ethan) 35 Set-up Maven development site																		
36 On-line help system (Mark)		9/15/04	9/22/04	9/22/04	100.0%													
Creation of developer checklist for new code: java for architecture points, easy optimizations, and ge																		
38 Coverage and performance testing	1/31/05	1/31/05	2/11/05	2/11/05	100.0%													
Documentation of complexity (big O notation) for a time and memory, nodes and edges ( partial)	II algorithms in terms of																	
40 User documentation (Gary will manage)		2/9/05	2/21/05	2/21/05	100.0%													
Core architectural design / Interopera Rob)	onity (Califano, Mark,																	
42 Headless mode	40/40/04	10/18/04	1/31/05	1/21/05	100.0%													
Headless mode infrastructure (Nerius)  True headless mode (Rowan, Nerius)		10/18/04		1/31/05	100.0%													
Task Framework (Nerius / Ethan)  Taskify" expensive operations (Ethan)	11/22/04	11/22/04	1/31/05	1/31/05	100.0%													
47 Load SIF Files (Ethan)	1/24/05	1/24/05			100.0%													
48 Load GML Files (Ethan) 49 Load Node Attributes (Ethan)	1/24/05	1/24/05 1/25/05		1/24/05	100.0% 100.0%												<b>A</b>	
Load Node Attributes (Ethan)  Load Edge Attributes (Ethan)		1/25/05	1/25/05	1/25/05	100.0%													
<ul><li>51 Load Expression Data (Ethan)</li><li>52 Save to SIF (Ethan)</li></ul>	1/25/05 1/26/05			1/25/05	100.0% 100.0%												*	
53 Save to GML (Ethan)	1/26/05	1/26/05	1/26/05	1/26/05	100.0%												*	
<ul><li>54 Spring Embedded Layout (Nerius)</li><li>55 Y-Layouts (Nerius)</li></ul>		1/27/05 1/27/05		1/28/05	100.0% 100.0%													
55 Y-Layouts (Nerius)  56 Build system (ant) maintenance and management (		1/17/05	2/4/05	2/4/05	100.0%													
<ul><li>57 Enhancements</li><li>58 JAR file dependencies, manifest, nesting ( partial</li></ul>	-)										_							
58 JAR file dependencies, manifest, nesting ( partial -	2/4/05	2/4/05	2/21/05	2/21/05	100.0%													
60 License check of libraries (Ethan)	1/31/05 2/4/05	1/31/05 2/4/05	2/4/05 2/11/05	2/4/05	100.0% 100.0%													
61 Release Notes (Mark) 62 Features List (Mark)	2/4/05		2/11/05		100.0%													
Create Official Beta Releases (Nerius: every few days	2/21/05 2/21/05				100.0% 100.0%													
Testing (Anyone and Everyone)  Bug Master (Gary)	2/21/05				100.0%													
<ul><li>Bug Fixing (anyone who is available)</li><li>Change Cytoscape2_0.pdf to Cytoscape2_1.pdf (Ethan</li></ul>	2/21/05 n) 2/21/05		_		100.0% 100.0%													
67 Change Cytoscape2_0.pdf to Cytoscape2_1.pdf (Etha Copy new manual to cyto_web, so it will be available of					100.0%													
69 Update the cyto_web to reflect Cytoscape 2.1 (Ethan)	2/21/05	2/21/05			100.0%													
70 Official Release 71 Modify Version # in Build.xml (Ethan)	2/21/05	2/21/05			100.0%							+ +						
72 Officially tag the release (Ethan)  Create the final release files: tar oz and zin (Ethan)	2/21/05				100.0%													
73 Create the final release files: .tar.gz and .zip (Ethan)  74 Create the Mac OS X Release (Ethan)	2/21/05 2/21/05				100.0%							+ +						
75 Create the InstallAnywhere release [ISB folks)	2/21/05				100.0%													
76 Deploy the new release files to cbio.mskcc.org  77 Deploy latest javadocs to cbio.mskcc.org	2/22/05 2/22/05				100.0%													
78 Deploy new cyto_web files to cytoscape.org	2/22/05	2/22/05			100.0%													
<ul> <li>Send out official announcements (Trey, Gary, etc.)</li> <li>Update WebStart tutorial [(eferred until a later date)</li> </ul>	2/23/05	2/23/05			100.0%													
81 Cytoscape 2.1 Release (FCS)	2/23/05	2/23/05			100.0%													
						5 12	2   19	26 3	10   17	24	31   7	14   21	28	5   12	19   26	2 9 16	23 30	6 13 20