

<b>Retrospective Iteration #8</b>	ends 09:00, 17-06-2016						
Context group: DART-N							
Group: PL 4							
User Story	Task	Member responsible for task	Member assigned to task	Estimated Effort (hours)	Priority	Actual	Done
As user, the GUI will be self explanatory and it will look good	GUI	Daphne	Daphne		C		Yes
	- Load recent: refactor, fix bug: the same string occurs multiple times in the list	Daphne	Daphne	5	C	1	Yes
	- Enable menu: help -> shortcuts	Daphne	Daphne	4	C	2	Yes
	- Disable/Enable buttons at right time	Daphne	Daphne	4	C	3	Yes
	- ZoomBox: create boundary for updating	Daphne	Daphne	4	C	0, already fixed	Yes
	- Build in steps for loading each file	Daphne	Daphne	5	C	6	Yes
	- Fix legend at about: mostly styling	Ricardo	Ricardo	4	C	0	No
As a user, I want to see all available information about a genome	Metadata (including bug fixing)	Arthur	Arthur	12	A	12	Yes
	- Show active filters	Arthur	Arthur	4	D	2	Yes
	- Show all the metadata next to tree (at least what is selected)	Arthur	Arthur	4	A	4	Yes
	- Put metadata in graph	Arthur	Arthur	8	A	8	Yes
	- Group filters by value	Arthur	Arthur	2	E	0	No
As a user, I want to be able to see which direction an edge is going.	- Edge direction	Ricardo	Ricardo, Arthur	10	B	0	No
As a user, I want the application to be fast and I want a small waiting time.	Rendering	Ties	Ties		A		
	- Enhancement: render only what is in screen, do no iterate over everything else	Ties	Ties	16	A	22	Yes
	- Fix Garbage Collector error	Ties	Ties, Daphne	6	C	4 / 0	No
	- Fix bug: update method called two times	Ties	Ties, Daphne	8	C	3 / 0	Yes
As a user, I want to scroll to the strain I searched for	Implement this	Ties	Ties, Daphne	2	B	1/1	Yes
	Fix all SIG remarks, refactor	Niek	Niek, Ricardo	16	B	24	Yes
	Increase the boundary of the dashed edge	Ricardo	Ricardo	0:10		0:10	Yes
	Node placement	Niek	Niek	12	B	14	Yes
	Phylogenetic Tree						
	- Scroll to the highlighted strain	Daphne	Ties, Daphne	4		2	Yes
	Annotations						
	- Fix deselect buttons	Niels	Niels	2		2	Yes
	- Search bar not clearing when switching scene	Niels	Niels	1		Daphne, 1	Yes
	- Go to the selected annotation	Ties	Ties, Niels	6		Ties, 2	Yes
	Improve code quality, and refactor	Niels	Niels	18	B	14	Yes
	Emergent architecture design	Niels	Niels	10	A	7	Yes
	Draft final report	Ricardo	Ricardo	12	A	8	Yes
	Code review	Niek	Everyone	20	C	20	Yes
<b>Additional hours</b>	<b>Hours</b>	<b>Done by</b>	<b>Justification</b>				
- Most recent not working in Jar	4	Daphne	Bug, unforeseen task with priority				
- Load Recent: an empty string was clickable	0:10	Daphne	Bug, unforeseen task with priority				
- Annotations: create pop-up when no file is loaded	4	Daphne	Bug, unforeseen task with priority				
- Bug when in meta data pop-up when selecting most recent tree	0:30	Daphne	Bug, unforeseen task with priority				
- Rewrite / fix incomplete annotation highlighting	2	Niels	Work in previous sprint was incomplete				
- Big refactor and change of the way we collapse	8 per person	Arthur, Niek, Ties	We figured that this would increase the usability of our application.				
<b>Problem:</b>	SIG's ruleset is quite strict which made it difficult to pass all the categories.						
<b>Description:</b>	Some of the rules necessary to satisfy SIG include limiting method length to a maximum of 30 lines. Because some features of our application require very complex blocks of code, breaking this up into smaller methods of max 30 lines was sometimes quite difficult. Similarly with the maximum number of parameters a method may have.						
<b>Solution:</b>	A massive refactor of a lot of our more complex codebase. Also in the future we will no longer allow methods longer than 30 lines by setting the maximum in our checkstyle preferences.						