


Update




Previous Experience



Recommendations

Connectedness


Packing

Annotations

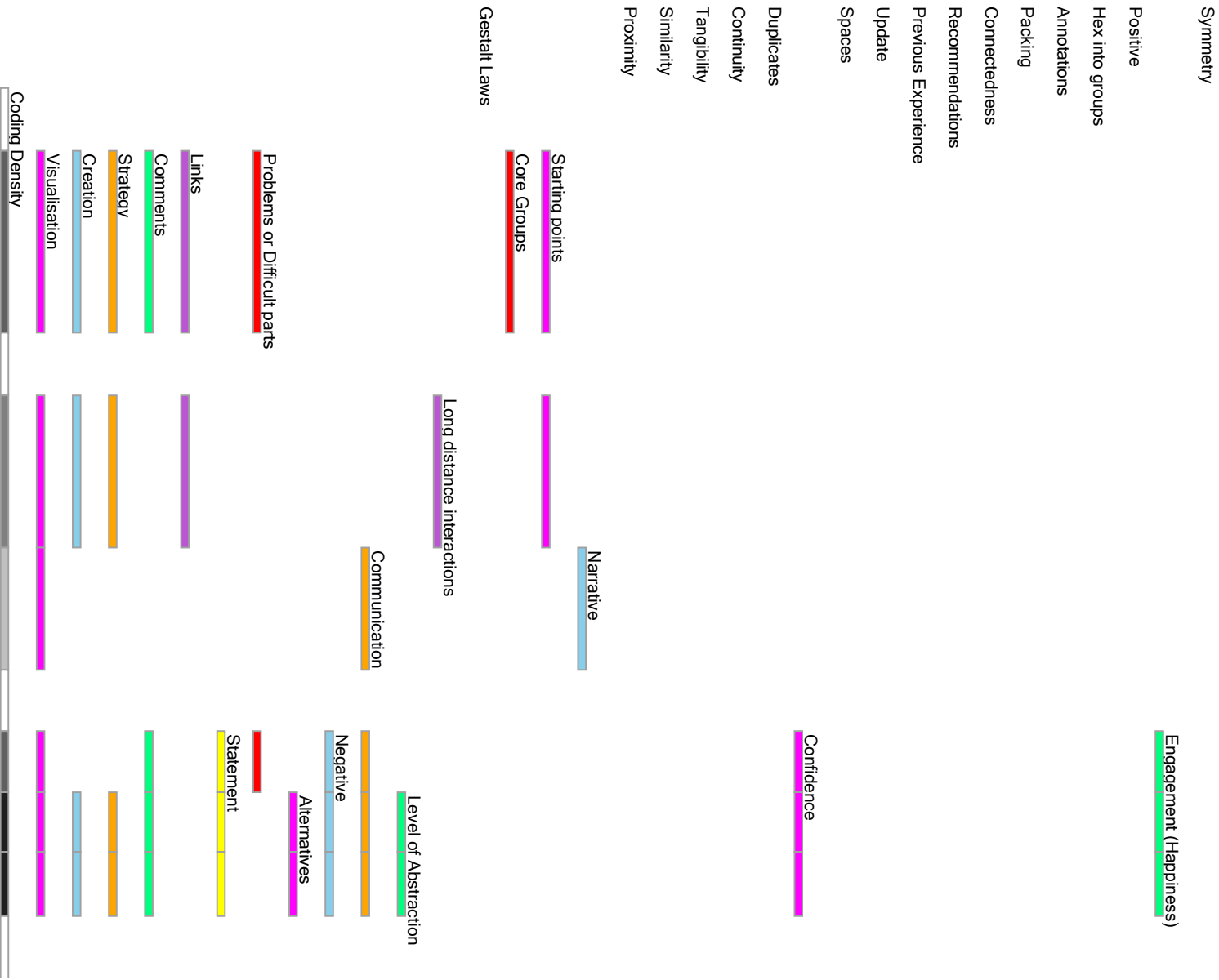

Hex into groups


Positive


Engagement (Happiness)


Symmetry

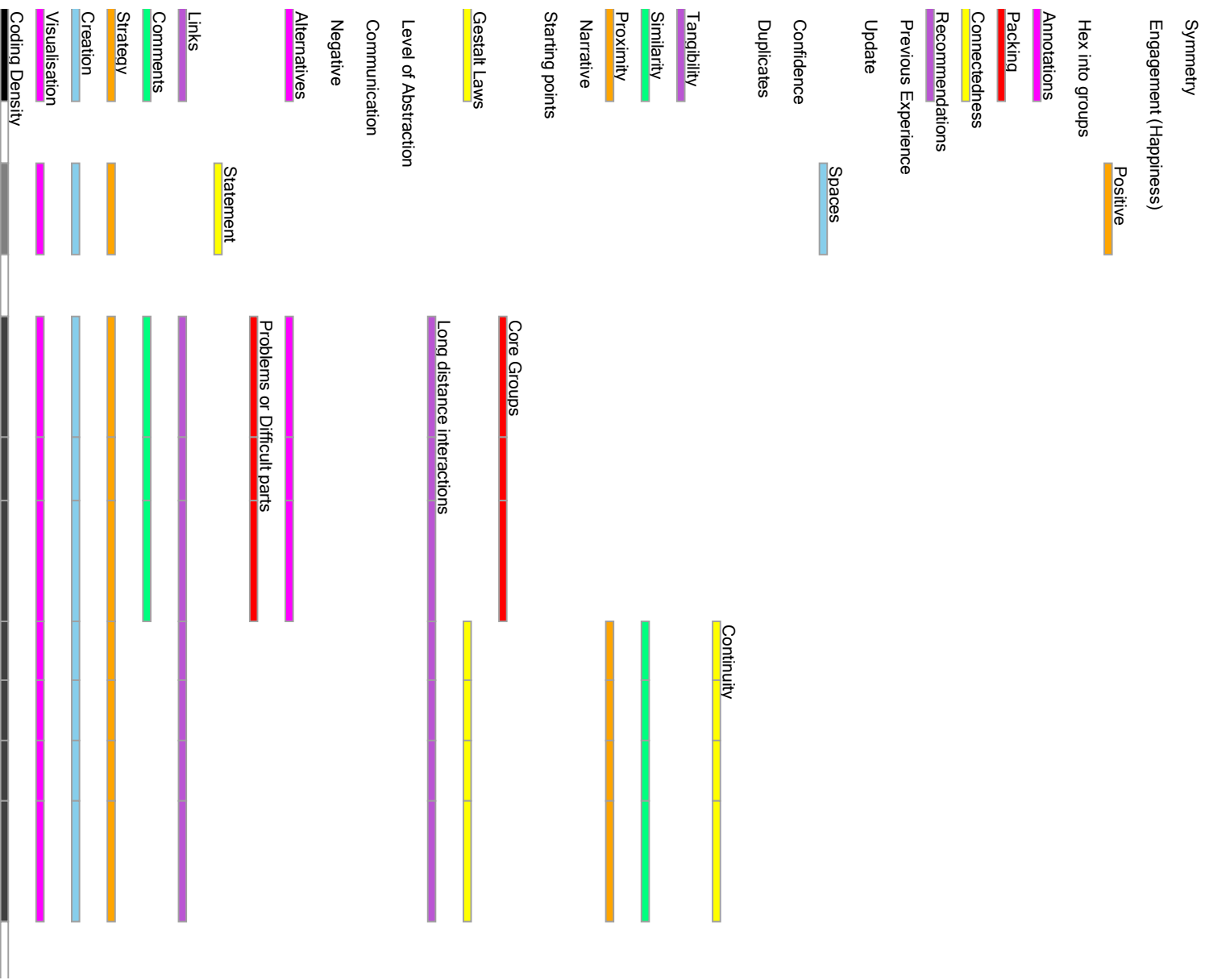
	Timespan	Content	Speaker
1	0:00.0 - 0:25.5	Just a few questions, like 20 minutes or something. Well, the first thing is can you explain me what have you done here? If you were like to explain it to someone else?	SP
2	0:25.5 - 1:08.4	I guess I started by grouping them sort of by key words, based on what the topics are related. Computer sciencey stuff down here, biology up here, grouping the public, international and public and arts up here. Tried to find the link-up in the middle here, between the environmental and the physics. So like climate change, connected to carbon and then connected to computer science side of simulation. Guess it would also connect the computer science up to some sort of data connection up by social, a good sort of loop around. Not ideal in this situation.	
3	1:08.4 - 1:16.7	So, you kinda have like... you wrote something here, like 'Biology' and things like that. Were you thinking about those before you started?	SP
4	1:16.7 - 1:53.7	Erm... I just grouped the words by the keywords, so I decided to do my angle [triangle??] and try to see if I could link it back into how it would interact with public and social policies and... so I went through biology and then up to health and then I'm guessing government would care about food and children, water supply, drugs, and then schools, education, public, and the reaction to new technologies. Language used when describing those technologies, so I put 'theory' up here, because obviously with the perception the public have that word, theory.	
5	1:53.7 - 2:20.7	So then I came up to 'arts' and 'film' and how do you express that through the language to the public. In terms of the side[??]... and then followed it from 'policy' back to 'energy', 'fuel' use and 'climate' and stuff, Re artic drilling, obviously. And, erm, wasn't sure what to do with the 'Africa' one, was it in policy or not, so I put it towards 'solar' energy 'cause that's going to be a big thing in the future, yes.	
6	2:20.7 - 2:24.6	I was wondering how happy are you with this chart? Have you...	SP
7	2:24.6 - 2:30.6	Erm... I doubt it'd be very clear to the public.	
8	2:30.6 - 2:35.7	Yes, so if you were showing to someone, would you like it to be shown to someone?	SP
9	2:35.7 - 2:47.6	Probably not in this form, I think this would be a good first step in grouping your topics and seeing how they all connect, but, obviously if you were going to show it to people, you'd want to distill it down a bit further.	



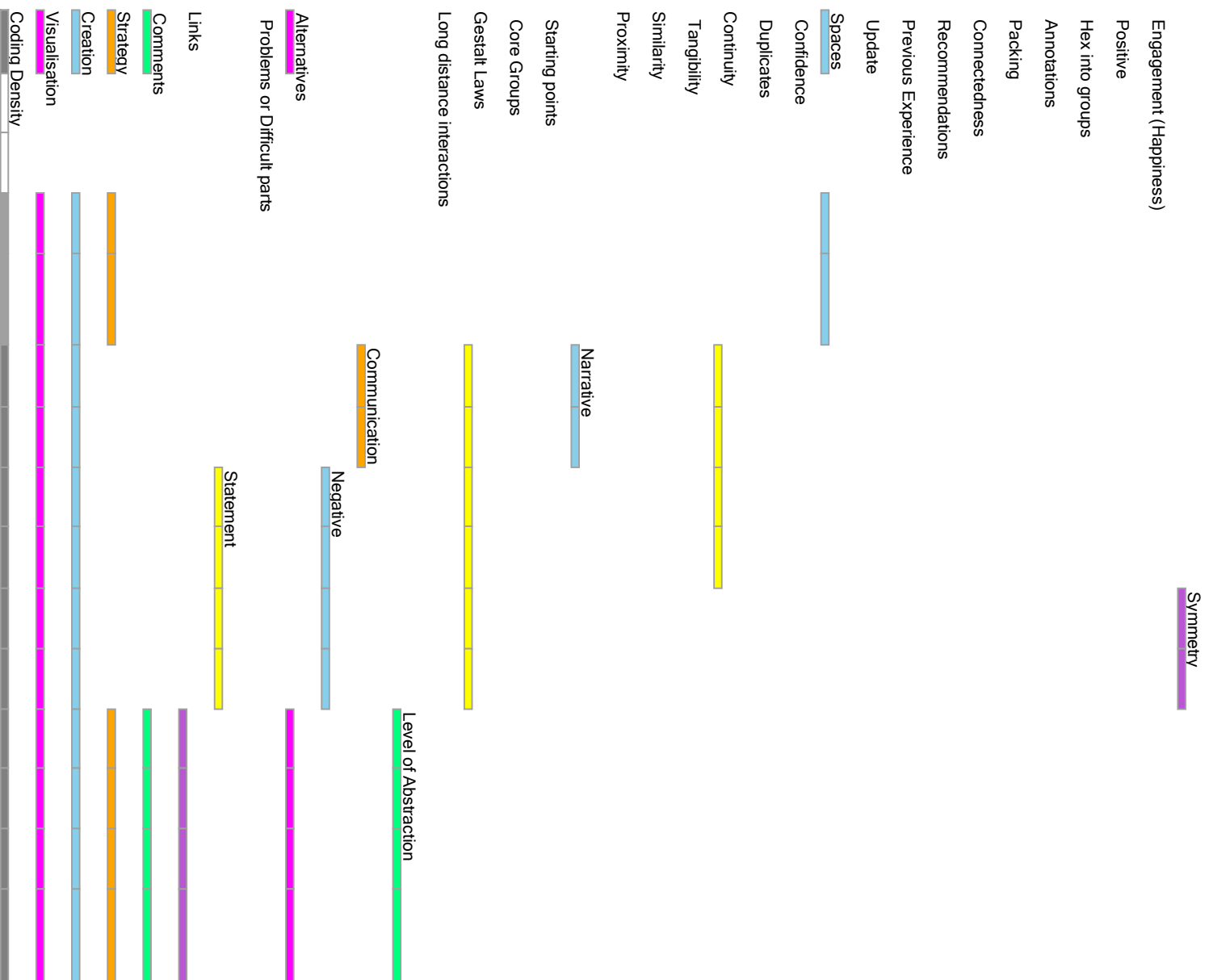
10	2:47.6 - 2:59.3	I was just wondering if you found something really difficult, like was there any area that you thought was difficult to do?	SP
11	2:59.3 - 3:21.9	Errrrrrmm... quite a few words I wasn't sure about. For example 'text' and 'service' one, wasn't quite sure where to use that one. I used 'text' to connect it into 'data', 'image' and 'sound'... or would I connect it to the 'arts' and try to connect it to 'physics' through maths and and the research of sound and imagery.	
12	3:21.9 - 3:28.4	So was it because the words were linking to too many things, or they were too generic?	SP
13	3:28.4 - 3:44.9	Probably too generic, I guess. Obviously the word 'imaging' is quite easy to place, 'image' by itself... that can be anything from imagery in film to algorithms producing better JPEGs	
14	3:44.9 - 3:58.3	I was just wondering if you had two, say for example you had two 'text' or if you could have as many 'text' as you want... cards. Will that make it better?	SP
15	3:58.3 - 4:04.7	Maybe a bit. Wouldn't have found it that useful. 'cause it is quite generic and abstract.	
16	4:04.7 - 4:08.9	Or do you think that might have... then you end up with loads of cards.	SP
17	4:08.9 - 4:36.2	Yeah, probably because you could then just connect it to anything really. I'd probably take it out I guess, simplify things. Wasn't sure about 'site' either, what that was referring to. Is this like location, or? Does it... connect... the idea of the African solar site. But then maybe it connects up to nuclear, I'm going to guess, not quite sure if I should connect those up.	
18	4:36.2 - 4:51.6	I was just wondering, let me ask you a little bit about how you built the actual, like the whole visualisation. So did you have any strategy to start off with?	SP
19	4:51.6 - 5:22.0	I just grouped it by the topics I put down and then I tried to find connections between the various topics. I built the biology one and I build the computer science one and there was obviously there was a connection between collecting patient data and the algorithms for looking at that data and programs for analysing the data. And there's 'simulation', sort of connected to the ones about the climate, obviously climate simulation and a few other things are connecting computer science and the environmental effects feedback into the health and biology.	
20	5:22.0 - 5:28.0	Yeah... did you have any start point? I mean did you start in the center, or...	SP
21	5:28.0 - 5:51.5	In terms of the actual...? I guess I did start building the first one... I built this in the center and then I moved it up here once I got a better idea of whereabout I put the different topics. Obviously it's quite difficult... I guess	



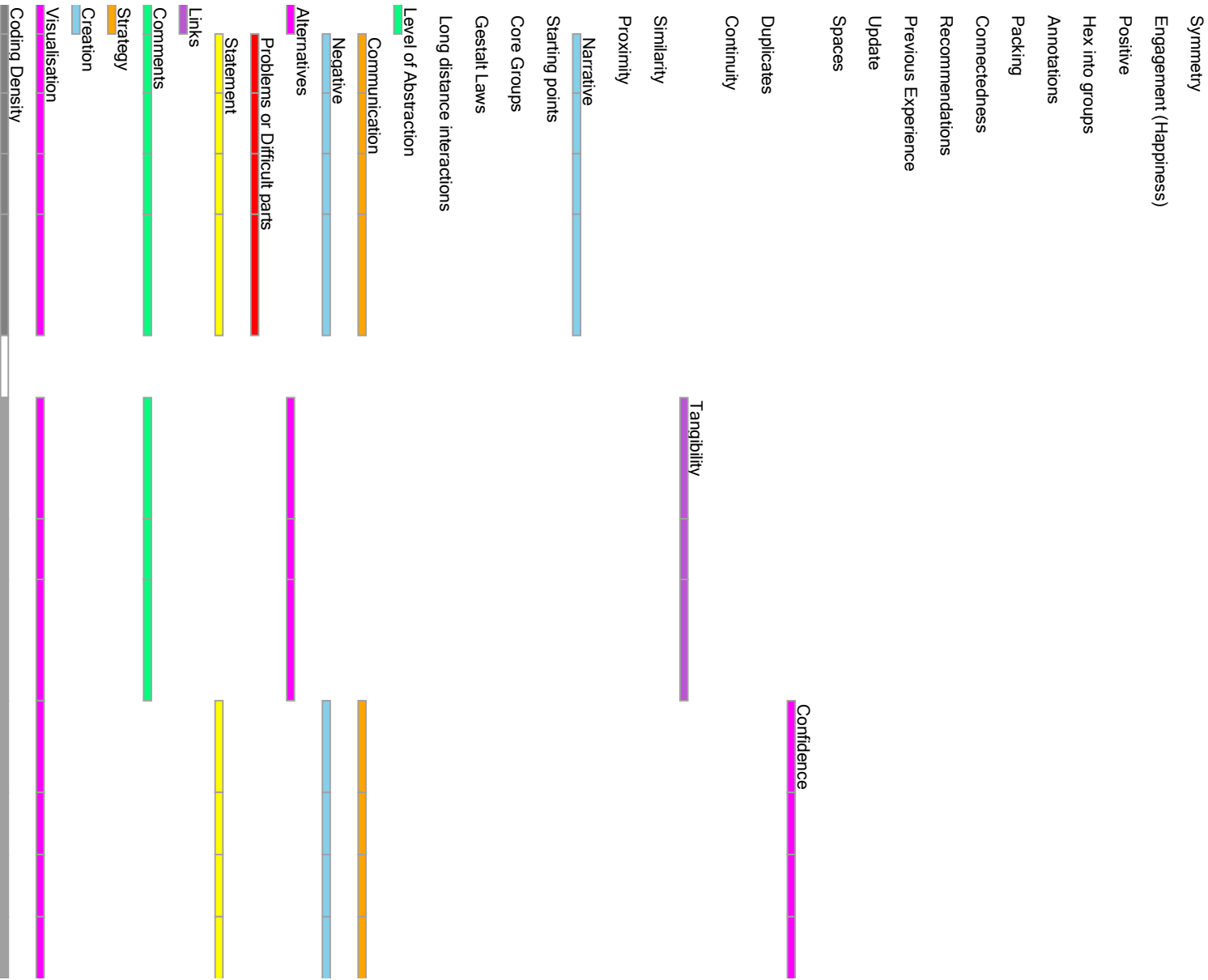
		ideally you'd want a three-dimensional map.	
22	5:51.5 - 6:07.7	I was just wondering, you've kind of joined the groups together... did you felt like you had to pack everything really tightly together, or was it just because...	SP
23	6:07.7 - 6:35.7	Maybe it's because of the hexagons, I might just have felt compelled to fit them all together. Maybe if they were round or something I would have left them apart. And then just connected them up by drawing, I guess. And that might have been easier, 'cause I could draw a line between this group and this group and this group. I might have done that more instinctively rather than feel the need to jam them together. Too much playing 'Civ'.	
24	6:35.7 - 6:48.8	Yeah, so I was also wondering, yes, do you feel like you had enough space on the actual over all thing, or were you running out of space?	SP
25	6:48.8 - 7:12.1	I think... I think it's fine the space, in terms of what you have. With your cards... depends how much extra information I want to add, because as you go through and add it to a website you might want to do something more elaborate. For this task, I think it was fine.	
26	7:12.1 - 7:27.9	I was just also wondering, so for example, if you have say, for example, you have 'gene' here... were you just looking to the ones that were related next to each other, or are the ones...	SP
27	7:27.9 - 7:53.8	Yeah... I guess they'd be like... more than one actual move I guess. Obviously I'd like to put 'animal' next to 'DNA' and 'gene' and 'plant' I guess, because they're both involved and then 'blood' would obviously relate to them, 'cause animal if you're talking about science or using animal blood on people... and obviously 'cells' can apply to plant cells and animal cells. And... 'muscle' was an odd one, wasn't sure what to do with that.	
28	7:53.8 - 8:02.3	Yeah, so, how far away were you thinking about. So, for example, with 'cell' were you thinking about the ones next to it, or one more level, or...	SP
29	8:02.3 - 8:35.2	Erm, maybe, like... two-levels I guess, 'patient' maybe up to here and down to 'data' and 'program' down here, maybe 2 or 3 removed. But I guess again, 'health' could go maybe all the way over to 'policy' over here and 'technology'. I suppose it would be sort of a weighingness, so you could have a node which would branch out to certain places, like you do on a graph.	
30	8:35.2 - 8:39.6	So, if they're a little farther away, are they less related, or...	SP
31	8:39.5 - 8:43.1	Mostly, yeah. Don't know what I tried I've tried to do in [??]	
32	8:43.1 - 8:50.5	Were you thinking about units, like, if it's like 4 spaces away, it's like a quarter of the relationship, or...	SP



33	8:50.5 - 9:32.6	Yeah, a wee bit, it crossed my mind. But then again, there are instances where I'd have liked to put a connection up. But, mostly, yeah. I can't think of any... I guess maybe like [??] is a good example as it goes down to applied physics and centers of recording and whatnot to imaging and that goes up to data analysis up here. And then up to like a few other things, so maybe like 3 or 4 maximum I was thinking	
34	9:32.6 - 9:43.6	What about empty spaces, do you feel like you had to fill the spaces, or... Or did you actually...	SP
35	9:43.6 - 9:52.7	Not necessarily, I guess I just tried to make the most connections that's why I naturally filled them in. Maybe I should have put them... with a bit more space.	
36	9:52.7 - 9:54.7	For example you have some holes here...	SP
37	9:54.7 - 9:58.7	I was trying to connect up... the... show some stuff back into the...	
38	9:58.7 - 10:06.7	Do you think that hole needs to be filled? Maybe if there was something there, or is that hole okay.	SP
39	10:06.7 - 10:27.6	Yeah, yeah, so that's not... because I guess 'fuel' would connect up to 'nuclear' and 'energy'. Erm... 'cause I obviously want to connect it up to physics stuff, so maybe I'd rotate it round if I was to spend more time on it to try and try connection 'nuclear' and 'energy' and then 'technology' and make that policy	
40	10:27.6 - 10:40.5	I was just also wondering if you tried to do some kind of flow to the whole chart, or make it more continuous or if that didn't come into your head.	SP
41	10:40.4 - 10:46.6	Erm... maybe I did try to have a certain flow to it.	
42	10:46.6 - 10:52.8	Or was it just because they kind of join together and that was it?	SP
43	10:52.8 - 11:08.3	Probably the second, I guess. Don't mean there is a flow to it. Not really, I suppose, if I were going to do a flow, I'd maybe... as it goes in from every direction, so it sort of goes towards the center I guess.	
44	11:08.3 - 11:17.1	What about symmetry? Did you try and fill and make it more symmetrical to one side.	SP
45	11:17.1 - 11:25.5	I wasn't really thinking about it. I just connected up the topics.	



46	11:25.4 - 11:31.2	Okay. Did you thought about multiple levels, or...	SP
47	11:31.2 - 11:34.3	How do you mean, like, erm...	
48	11:34.3 - 11:42.7	Like if you had, some kinda of like, erm, different kind of things that you wanted to join together.	SP
49	11:42.7 - 12:20.6	Yeah, that would have been nice, I guess. Would connect everything back into. I would have liked to connect 'data' up to 'policy' and 'technology'. And then... [clicks] this 'climate' stuff as well, I would have liked to bring around to that side, and obviously back into biology. Connect the climate stuff back into the evolution stuff if you wanted. There all like flows of different policies going on into the sections.	
50	12:20.6 - 12:27.6	What about the whole thing? Did you try to make a small story or some kind of narrative.	SP
51	12:27.6 - 12:37.9	Not really, I suppose. [??] Sort of how research... erm...	
52	12:37.9 - 12:42.0	Or was it more like if it joined it was fine?	
53	12:42.0 - 13:23.9	Yeah, mostly it's fine. I guess trying to think of it from a public funding perspective while I was doing it. So like policy comes through into health and connects back up there, and the environment stuff keeping in mind. Probably why I put the 'site' next to 'Africa' and sort of connected up the arts up to the policy in public perceptions. Probably at the back of my mind, but wasn't really directing the shape of things.	
54	13:23.9 - 13:41.5	What about like, the whole experiment. Was it nice, or how did you felt, doing it with cards? Say for example, I had something similar but in an iPad... will that be better or...	SP
55	13:41.5 - 14:00.8	Are there any advantages? Not really, I suppose. With cards I can just think... if you're not using software you're just throwing things down, but again, maybe it'd be nicer if you had more complicated way of adding things together. Then again it depends on the aims of what you're doing. If the goal was to produce a poster for your website or for the public...	
56	14:00.8 - 14:04.8	Yeah, but do you think you... do you enjoy doing the cards, or...?	SP
57	14:04.8 - 14:37.0	Yeah, it was a fun enough. A nice way of doing it. Nice to get a break from the computer. I think if you did it on a computer it'd probably be more difficult. I'm don't see what'd be gained by it if you're not adding or taking	



		away, or... using software to actually produce something. And doing a mind-map on paper is always easier than using software	
58	14:37.0 - 15:00.4	What about, like... so you have done this experiment and you more or less know what the research is. Do you think if you go away, do you think you'll be able to communicate it or talk to someone else and explain it. I mean how confident do you feel that you know what the whole research is about?	SP
59	15:00.4 - 15:09.4	Not particularly. A little bit of what [Researcher Name] does in terms of that stuff. But... I wouldn't go on and explain it.	
60	15:09.4 - 15:19.9	I mean if someone asks you like...This organisation - can you explain me what they do, can you actually remember something, or...	SP
61	15:19.9 - 15:37.4	Erm... I guess... like an overview of the research field, isn't it? I could probably give a vague description of that, but not in too much detail. But depends what the aim of it, or what you're going to use it for	
62	15:37.4 - 16:02.5	Just a few more questions and we'll be done. Say for example I forgot to give you, like a few of them, like four of them. How difficult do you think that would be to put and how would do it, actually, if you wanted to update the chart?	SP
63	16:02.5 - 16:18.8	I guess I'd move things around a bit. 'Star' would go down in the physics stuff. 'Protein' that'd probably go... in biology. 'Species' would go between 'evolution', or between 'plant' and 'animal'	
64	16:18.8 - 16:25.0	So you'd pretty much just try to add them at the end?	SP
65	16:25.0 - 17:12.4	Yeah... erm... 'fat' would go up next to 'muscle'. It's hard to think when you're doing it on paper. You can't just grab the group and shift it. I'd probably take a bit. Depends on the words you give me, I think. Wouldn't be too bad. Hmmm... star... the two sort of connect I guess, but I'd obviously would want to rearrange things in this, I guess.	
66	17:12.4 - 17:25.4	Okay, the last question is... I know you do graphics and things like that, so are you an expert on graphics and visualisations and things like that?	SP
67	17:25.4 - 17:41.0	Not in terms of what you do in terms of visualisations. When I do graphics, I just like looking nice for people. It's game graphics, it's not about visualising data. It's about creating a nice scene and telling a story	
68	17:41.0 - 17:49.2	What about layouts and things like that? Like, putting up a layout, for like a page, or things like that?	SP
69	17:49.2 - 18:05.0	Yeah, I guess in a way, I make graphical user interfaces. A lot of things you'd do with this I guess, if you were creating mind map software.	

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