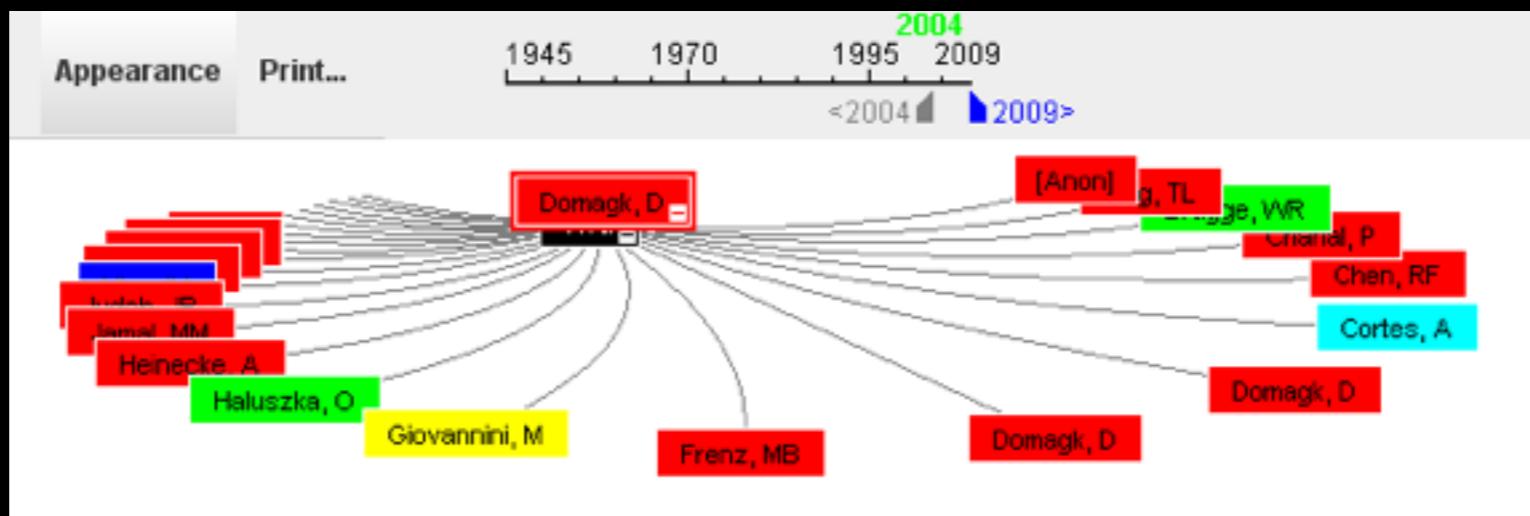
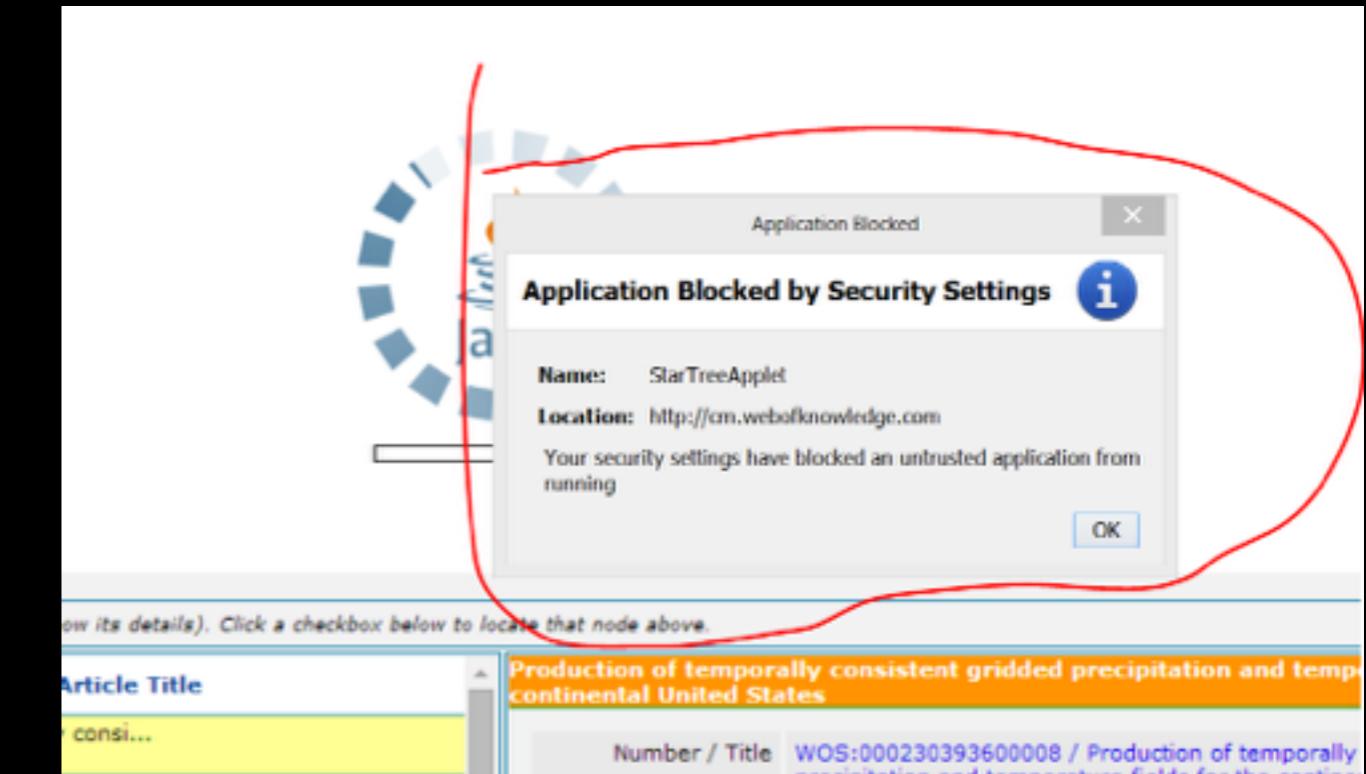
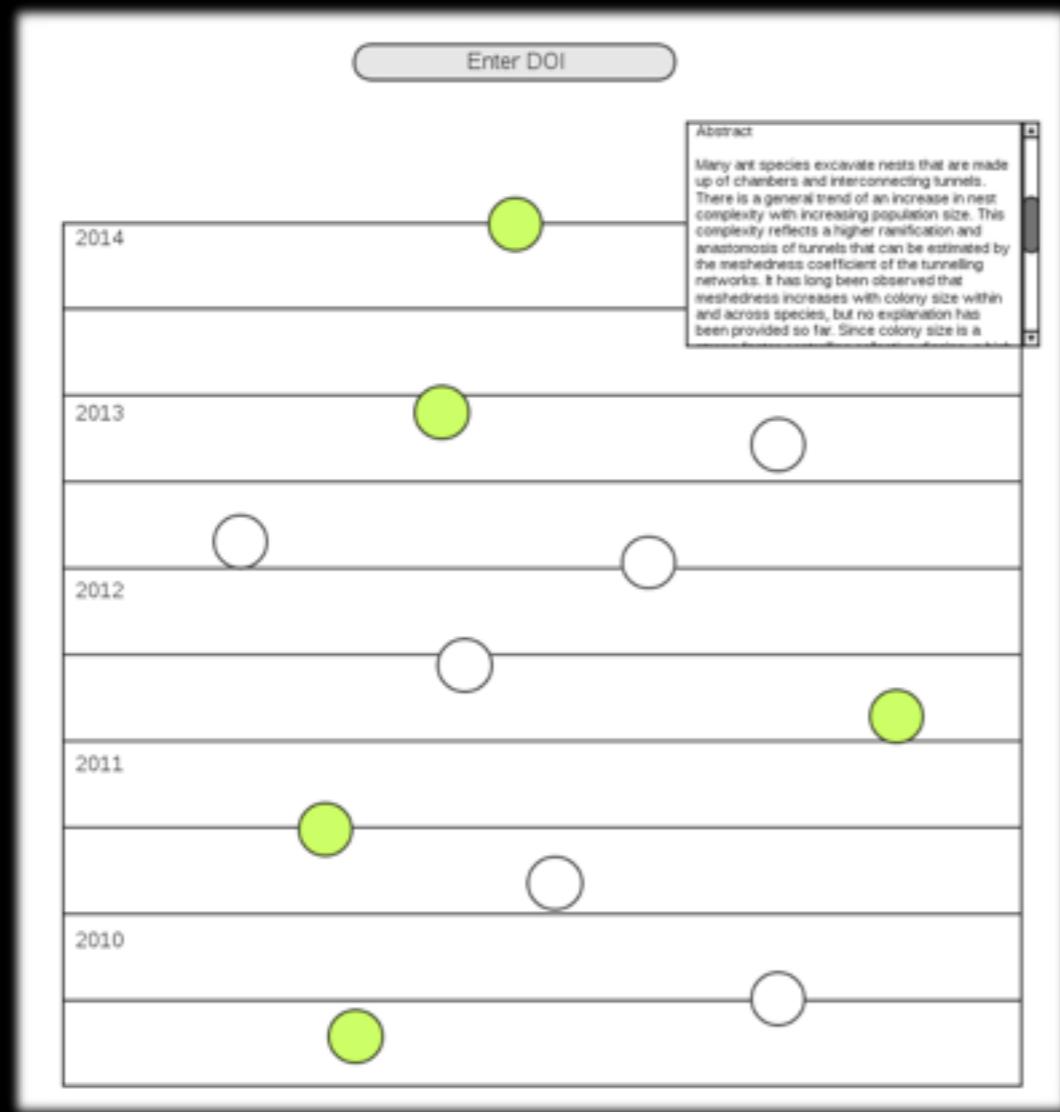


CiteNet

Joren
Daniel
Leandro
Udo
Ellen

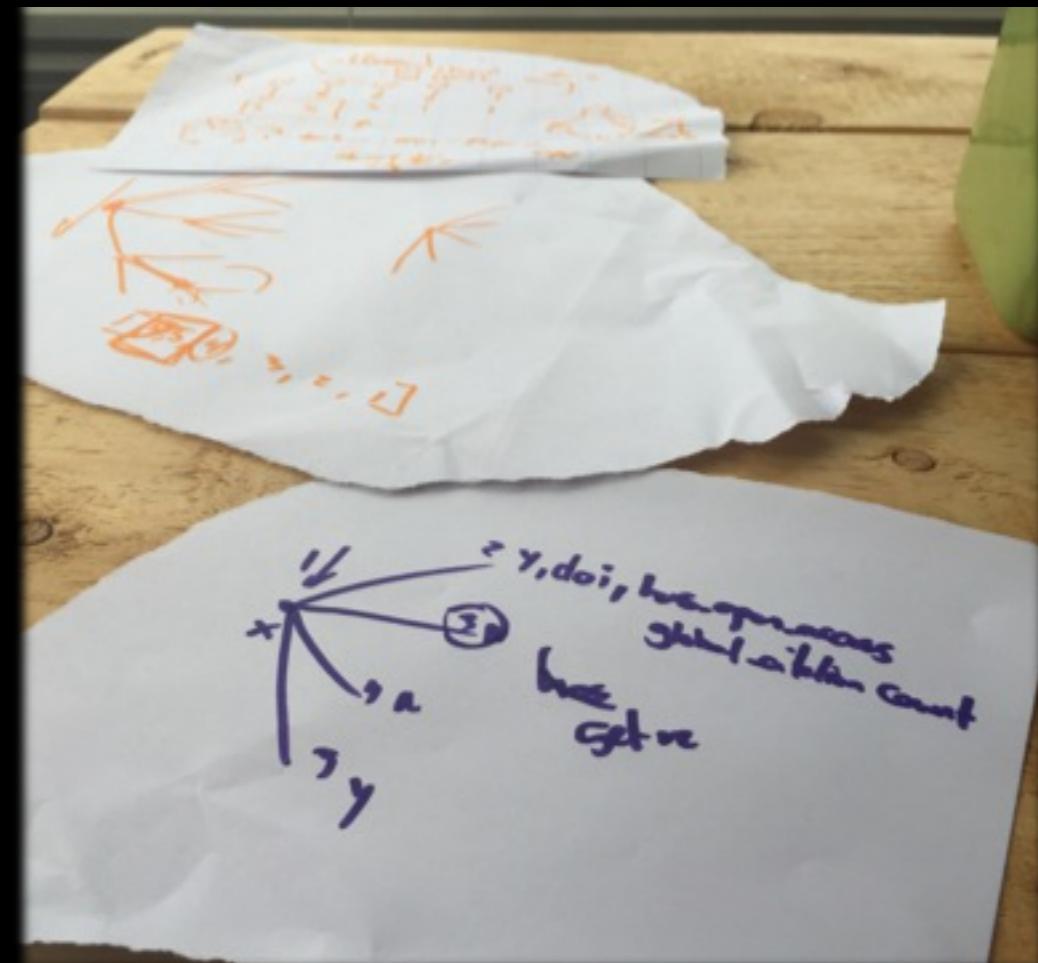
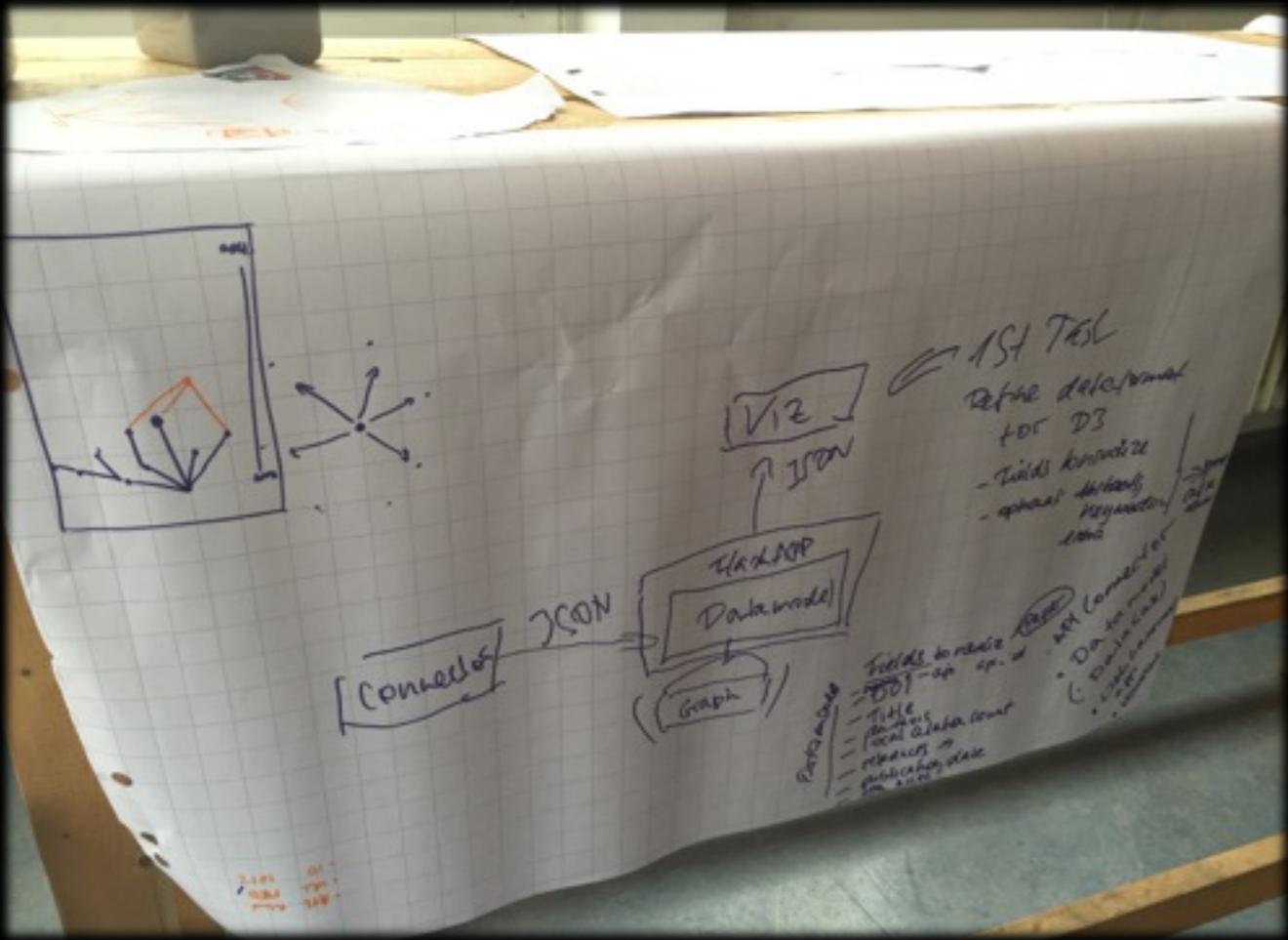
The Idea



Data, lots of data...

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Designing the Crawler



```

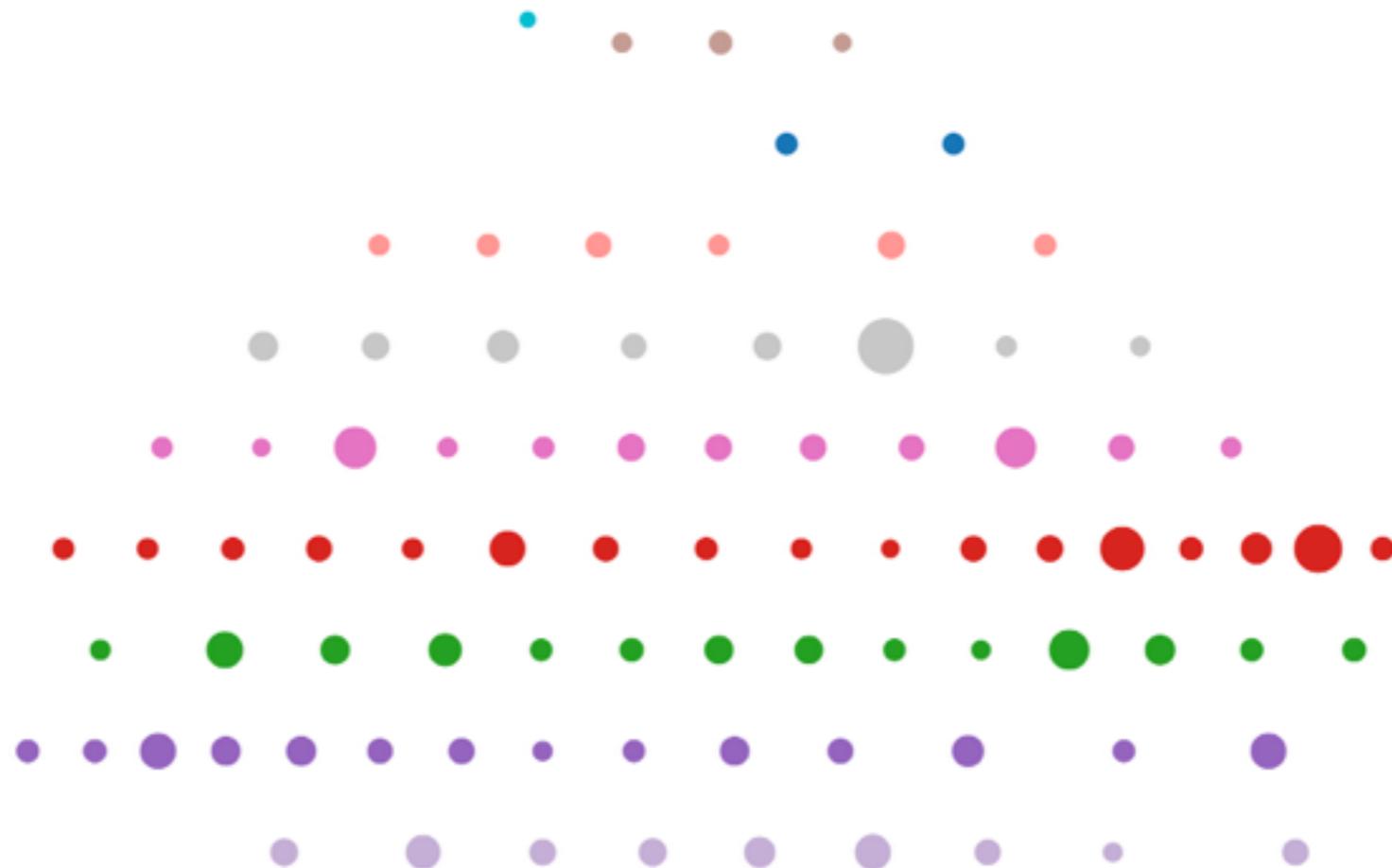
25
26
27     start_paper = (search(initial_id))[0]
28     start_paper.depth = 0
29     self.all[initial_id] = start_paper
30
31     #self.crawl_rec(initial_id, max_iters)
32     self.crawl_linear(initial_id, max_iters)
33     self.post_Filter()
34
35     return self.all
36
37     def crawl_linear(self, initial_id, max_iters):
38         """Non-recursive crawler. Takes the papers with the highest
39         citation scores in the local network and finds the references
40         for them. The order of crawling is different than in the
41         recursive version. More (filtered) breadth first.
42         args:
43             initial_id: pubmed id of the paper where the crawling
44                         starts.
45             max_iters: maximum number of iteration, these basically
46                         correspond to the number of API calls, not
47                         to be confused with 'generations'.
48
49         ...
50
51         # Setting up the first paper in the model as a starting point.
52         start_paper = self.all[initial_id]
53         references_of_first_paper = self.get_references(initial_id)
54         for paper in references_of_first_paper:
55             start_paper.references.append(paper.api_id)
56             paper.depth = 1
57             self.append_child(paper)
58
59         # Walk
60
61         while True:
62             if not self.unwalked:
63                 return
64
65

```

A visualization emerges...

13C-detected through-bond correlation experiments for protein resonance assignment by ultra-fast MAS solid-state NMR.

[MED,23589462]



Structure and dynamics of membrane proteins by magic angle spinning solid-state NMR. [MED,19245337]

