

A datamodel for structuring and scaling an organic knowledge network

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September 17, 2023

Intricate objects of scientific interest may involve multiple fundamental mechanisms.

- They may operate at a range of different scales of time and spacial dimensions.
- They may be understood and modelled through a variety of different notions of causality.
- They may raise a wealth of questions that need to be met with a diversity of scientific approaches.

To be efficient, collective scientific efforts and findings must coordinate dynamically. To this end, the MMM project proposes a datamodel/format supporting an organically networked approach to documentation, honouring the dynamic and collective nature of science-making, simultaneously relaxing and constraining aspects of both the traditional, linear, text based approach to documentation, and the Semantic Web's modelling approach. Knowledge stored in MMM format is to coordinate in a global knowledge network comprised of epistemically interacting pieces of information, whose global and local properties, I expect, will be worth investigating to gain foresight on the interplay between our scientific ventures and paradigms.