# G7 Improve the existing information structure and format

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## How will your structure promote maintaining and measuring quality easier?

The primary challenge of this project is how to take an already highly portable format, RDF, that is designed primarily for machine-interfacing, and make it human-readable and able to provide value in human-centric contexts. The major approach I've taken is to identify the key value provided by RDF in a linked notetaking setting (networked concepts), and work to retain as much of that as possible without overwhelming the person with machine data. In order to keep the signal-to-noise ratio as high as possible, the default configuration for what information to keep cuts fairly aggressively, keeping the abstract, some vital statistics where relevant (eg. birth and death dates of a person, or the population of a city), and most of the links to related concepts.

The specific format of these links is still in flux, but the presentation as a list of related concepts isn't.

The reason this promotes ease of maintenance and measurement of quality is that it brings it to a level that is reasonable for an individual to edit. This system is designed to augment a person writing personal notes and managing personal knowledge, so by keeping it lightweight and allowing them to pull in more info as needed, they can extract only that which is relevant.

## How will your structure enable any information security issues be identified and managed down the road?

There are minimal if any security issues with this plugin, as it runs within the existing platform. Some of the concerns in general are around managing the quantity of data into one's computer. The plugin itself will contain warnings before allowing a user to pull an overly large amount of information into obsidian, but the structured headers of the format allow people to rapidly identify what information is needed, what is not, and

remove that which they don't need. The configuration system for the tool will need to be fairly robust, so that users can avoid having to repeat the same edits frequently.