i2 TextChart

i2 TextChart is an extension for Analyst's Notebook that enables analysts to import structured data from large volumes of unstructured text documents. The software can interpret content written in over a hundred languages and convert it to the entities, links, and properties that are familiar to Analyst's Notebook users.

TextChart is shipped as an out-of-the-box offering. It includes standard term extraction rules and, if you use the embedded term storage option, requires very little configuration.
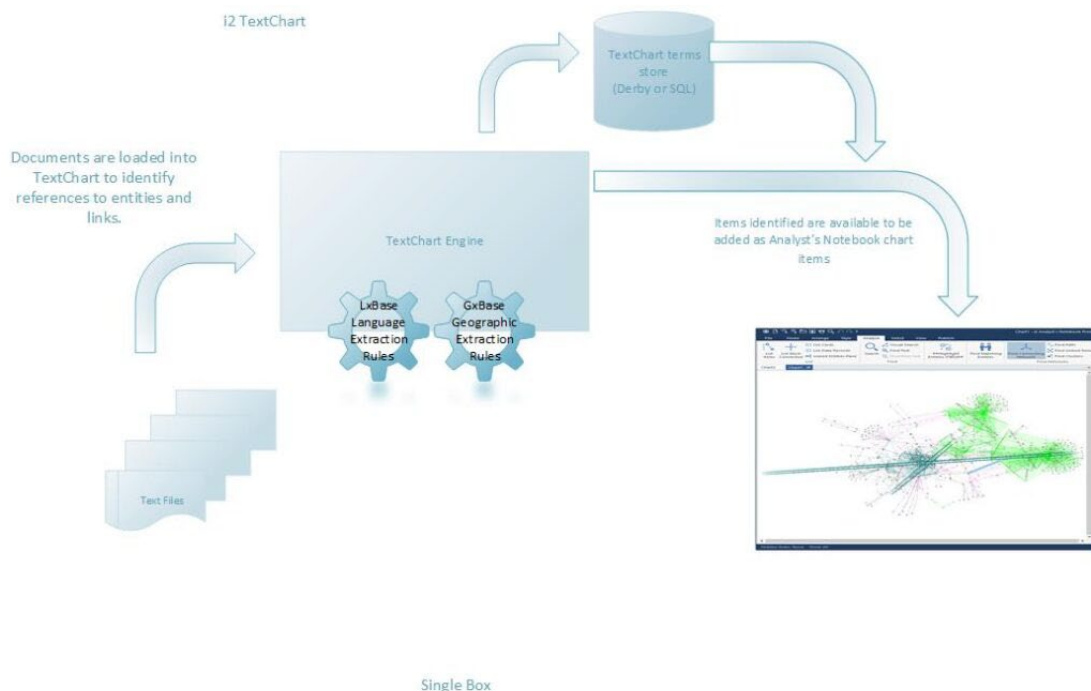
TextChartPremium increases the scale of your deployment significantly:

- Documents from different sources can be processed using different extraction rules.
- Terms can be loaded in bulk from multiple sources.
- Extracted terms are stored in a database that analysts can query as an external source in Analyst's Notebook Premium.
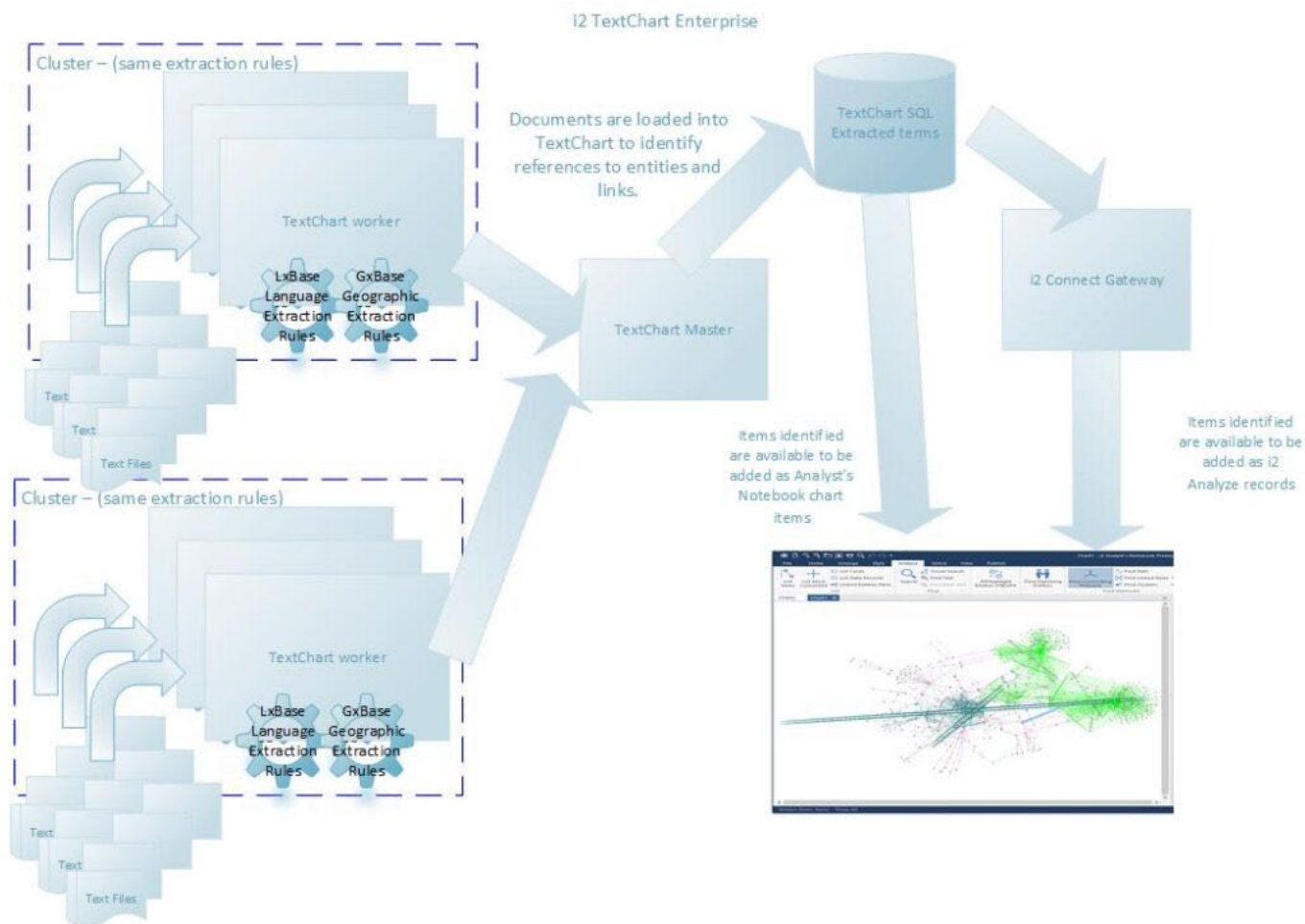
i2 TextChart key components:

- File locations: the file system paths that contain documents to be processed
- Extraction engine: where documents are processed to extract the terms that they contain
- LxBase: the lexicon definition, which is the list of rules that determine how terms are identified in the source material
- GxBase: the geographic definition, which is the list of rules that determine how geographic locations are identified in the source material

In addition, in a standard TextChart deployment you might also wish to set up a repository for the extracted terms, and external mapping applications to work with geographic data.

A TextChart Premium deployment can be scaled to match your needs, allowing different file types to be extracted using different rules, automated updates as files change or new documents become available, and integration with the i2 Connect gateway to create i2 Analyze records: