

were uploaded to a repository server running in Amersfoort (the Netherlands). These data were uploaded into a locally installed ontology editor, and after editing, downloaded back into the Amersfoort server. The data were then used to drive a Swedish ontology-based website generator as well as a United Kingdom-based search engine, both displaying their results in the browser on the screen in Amsterdam.

In summary, all these tools were running remotely, were independently engineered, and only relied on HTTP and RDF to obtain a high degree of interoperability.

7.7.6 Frameworks

There are a number of frameworks that implement the above architecture. For example, the Drupal content management system²⁵ adds semantic support to a widely used content management system. There are also two widely used and well-supported open source frameworks: Jena²⁶ and Sesame.²⁷ Finally, companies such as Kasabi and Dydra provide hosted frameworks for building Semantic Web applications.

²⁵<http://semantic-drupal.com/>.

²⁶<http://jena.sourceforge.net/>.

²⁷<http://openrdf.org>.