

# Karma for Data Management

Karma is a popular and useful tool for managing data in VIVO – particularly for mapping relational data to RDF. [Violeta Ilik](#) of Northwestern University has done a lot of work with Karma for VIVO and has put together YouTube videos of the mapping process. The following page contains detailed information about the mapping process: [Using the Karma data integration tool](#).

<https://www.youtube.com/channel/UCb9vsw2XvZDzZtEwe0aH9eA>

Karma itself can be downloaded and installed using these instructions:

<https://github.com/usc-isi-i2/Web-Karma/wiki/Installation%3A-Source-Code>

The Karma transformation models used at Northwestern are also on Github.

<https://github.com/NUBIC/R2RML-Karma>

Additionally - if you are comfortable with Python, there's an example of mapping CSV to RDF for VIVO here:

<https://github.com/lawlesst/vivo-sample-data>