FoNDUE: FIGUGEGL
A Local Solution to HTR problems

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(*La Fondue, c'est bon et ça met de bonne humeur.*)

Sensitive data

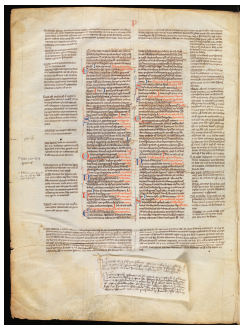Not all data can/should be processed abroad, or even outside a specific building (hospital, library, archives…)

Figure: Medieval Manuscript

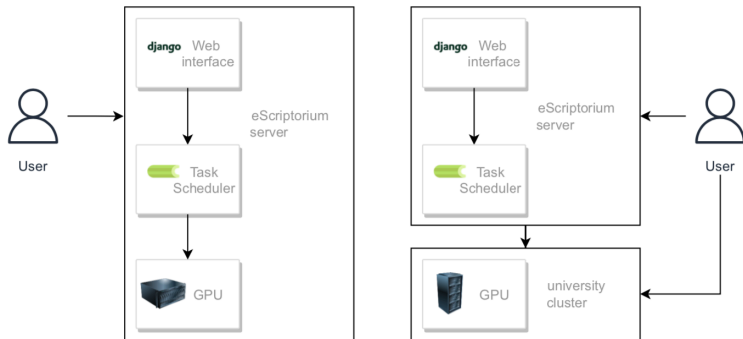

Figure: Phone directory

Figure: Vaccination card

- **Protection of privacy**, when we cannot allow the processing of data abroad, or even outside the institution in some cases;
- **Cost per page**, per training, per licence…
- **Reproducibility of results** if we cannot distribute the models, the data, use the same engine…
- **Scalability**: handle a growing amount of work;
- **Exit strategy**: possibility to change parts of the system at the lowest cost.

Four objectives

- **Upskilling the community** (especially the students, i.e. the future community);
- Allow at the same time a **local** (possibly temporary) and **federal deployment** of the same HTR solution;
- **Develop new open models**, produce more data;
- **Share the costs** to help unfunded/starting projects (master thesis, PhD students…)

Betting on local infrastructures

Geneva's HPC clusters: more than 200 GPUs mutualised (no electricity bill, limited sys admin cost, new hardware for free…)
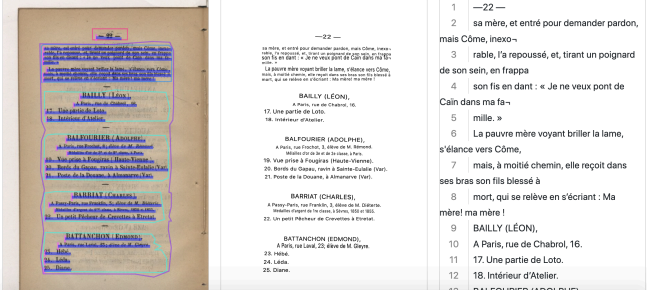
The FoNDUE project

Comparing CREMMA and FoNDUE's architectures.
Technically, our GPUs can be anywhere in Switzerland

Interface

E-Scriptorium interface

One more thing