AI Bank

AI as a Service – AaaS

AI resources to a service, targeting to find algorithms and methods easy and to improve their usability and coverability.

Why:
- **There are hundreds of algorithms and –families**, finding and utilising them requires special knowledge
- **There are not too many AI specialists**, leading to miss- or not full usage of them.
- **Various bunches of algorithms produce different results**, it is crucial to be able to experiment various methods.
- **This step limits the experiments on AI** and utilisation for most actors, both researchers and enterprises.

What:
- **To make "Legos" out of AI** – AI as a service, lowering the initial step, everybody can build with Legos.
- **Own desk for AI**, where one can experience with one's own data and challenge with web-service.
- **Algorithm-libraries and computing as a service**, where end-user designs – back-end computes.
- **Enabling combining algorithms**, simulation and testing of alternatives.
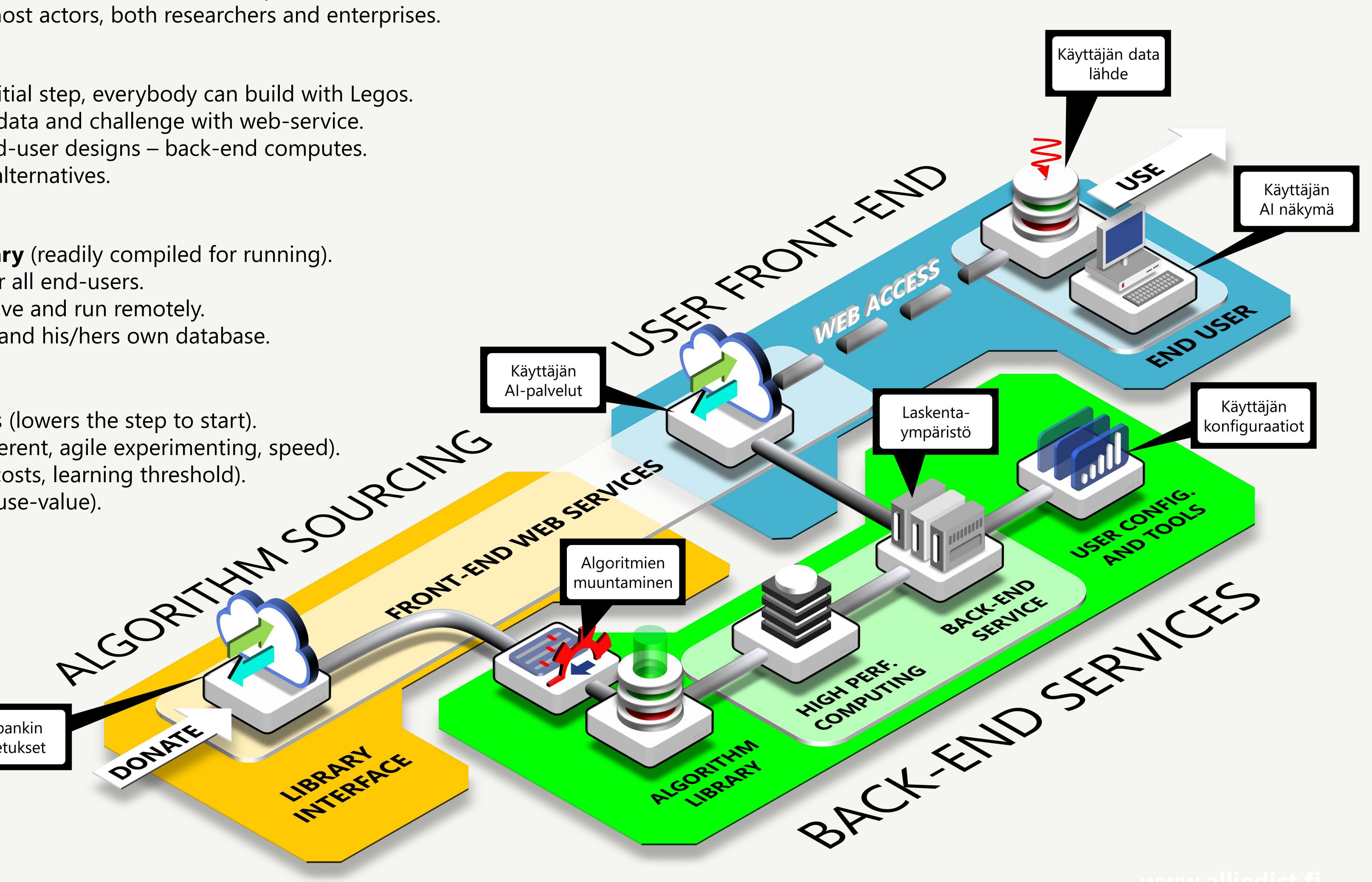
How:
- **Algorithms, methods and scripts are collected into a library** (readily compiled for running).
- **Enables utilising HPC and special computing resources** for all end-users.
- **Graphical web-environment**, where user can experiment, save and run remotely.
- **Each user has his/hers own access** to back-end computing and his/hers own database.

Benefits:
- **Everybody can experiment** with AI algorithms and methods (lowers the step to start).
- **Faster way** to get applicable solutions (each challenge is different, agile experimenting, speed).
- **No need for everybody to invest** on special tools or infra (costs, learning threshold).
- **To commodize AI** – "AI for everybody, for every challenge" (use-value).

USER FRONT-END

Käyttäjän data lähde

USE

Käyttäjän AI näkymä

WEB ACCESS

END USER

Käyttäjän AI-palvelut

Laskenta-ympäristö

Käyttäjän konfiguraatiot

ALGORITHM SOURCING

FRONT-END WEB SERVICES

USER CONFIG. AND TOOLS

BACK-END SERVICE

Algoritmien muuntaminen

HIGH PERF. COMPUTING

BACK-END SERVICES

AI pankin talletukset

DONATE

LIBRARY INTERFACE

ALGORITHM LIBRARY

www.alliedict.fi