

Highlites



Lightweight open-source predictor for any classifications, trained with data of your choice – CRIS2026 Conference Ponta Delgada, Azores

Alain Descamps

(Alain.Descamps@uantwerpen.be)

Background

- How to facilitate the cris administrator's work by AI ?
- **Title/abstract → classification proposals**
- Different types of classifications (UDC, VODS, SDG, language, **any type...**)
- Use available resources

Methods

- NoSQL database: fast, super scalable, flexible, ACID, TP: in use for +30 years
- ISO-M language: **durable syntax**
- Integrable as **M** module, **Lua** module, **Command Line Interface**
- Build on code components, that are +10 years in production: wander.be/en
- No neural network, no big power needed.
- ⚠ All methods available with open-source license

Open source :



<https://gitlab.com/AlainDsc/highlites>

First results

- +96% hits predicting trained data
- 60-99 % hits predicting 'new' data
- No beauty from clutter



Ceci n'est pas un remplaçant.

- **Assisting the administrator, not replacing**
- **Tool for narrowing down long selection list**



Universiteit
Antwerpen



Wander