

Vino

This project offers tools for managing viability kernel:

- reading and writing viability kernel in a hdf5 format
- functions for analysing, comparing and viewing viability kernel

Common API

The tools will be distributed for several platforms: R, C, python, JVM and will share a common API. For instance, the targeted modules are:

- hdf5 IO: reading and writing kernel in a defined HDF5 format
- modification and discretization of kernel: how to convert from a kernel representation from another if possible (from an irregular grid to a regular grid for example)
- comparison: how to compare two kernels
- visualization

hdf5 IO

As soon as the structure will be fixed, it could be interesting to produce a XDMF file that describe the schema.

- [Experiments on hdf5 formats performance](#)

Work with sources

You can retrieve the sources with git:

```
git clone ssh://git@git.cru.fr:2222/vino
```

Joining the developers team

You have to init your account by logging a first time on sourcesup (if not yet done) and ask to managers to add your account into the project.

Then, you have to upload your SSH public key on your account configuration page (“Edit keys” section at bottom).

From:

<https://sourcesup.renater.fr/wiki/vino/> - **wiki du projet vino**

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