

JPScore

see (Ando, Ota, and Oki 1988) aa[^]

[^]: This one replaces the second caret instance. Core module for simulation and computing of trajectories.

Note: When reporting bugs, please make sure to use the development branch v0.8. ***

JuPedSim comes with four loosely coupled modules:

1. JPScore: The simulation core
2. JPSvis: Geometry and trajectories visualization tool
3. JPSreport: Implementation of different measurement methods to evaluate out of trajectories the density, the velocity and the flow.
4. JPSreditor: Geometry editor.

Usage

jpscore is called with initialization files (inifiles):

```
jpscore config.xml
```

with `config.xml` a structured `xml` project file containing parameter definitions, agents distributions and other important configurations to run a simulation.

Everybody is welcome to contribute to the project, but first have a look at

References

Ando, K., H. Ota, and T. Oki. 1988. Forecasting the flow of people. *Railway Res. Rev.* 45, no. 2: 8–14.