CS405 Introduction to Empirical Modelling - 2009-10

Lab 2: Illustrating more features of DOSTE

Three principal objectives for this laboratory:

- **Demonstrating the way in which a DOSTE model can be constructed on-the-fly in an experimental fashion**

- **Showing simple use of principles of prototyping and cloning that are characteristic of prototype-based object-oriented PLs**

- **Showing the potential for using DOSTE in animation**

You can contrast the DOSTE version of the lift with the EDEN model demonstrated in the lecture.

- **[The script for the EDEN model](#) makes use of the notations `%scout` and `%donald` which are associated with radio buttons on the tkeden-2.10 interface.**

- **The model can also be executed on older versions of `tkeden`, such as `tkeden=1.67` that can be downloaded for other platforms.**

- **The basic use of the notations `%eden`, `%scout` and `%donald` is the subject of Labs 1 and 2 from CS405 in 2006-7, and the second of these labs features the EDEN lift model. (You will also find some general advice on the use of the `tkeden` interface there.)**

- **Contrasting the DOSTE model with the EDEN model highlights the advantages of DOSTE in respect of prototyping, cloning and animation.**