

This is the README for Car(I know it's not a very inventive name.)

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Category:

Engineering (Simulation)

Description:

It is a very simple simulation of a Hybrid Electric Vehicle. The program allows for independent loading of car attributes, load cycle, and road conditions.

Purpose:

This was done for a project course in conjunction with the University of Alberta Hybrid Electric Vehicle Project. It is also done as an illustration of the use of object-oriented programming for mechanical simulations. (The report tells all.)

System:

NeXTSTEP 2.1

Additional Notes:

Some sample cycles are in the directory Samples

When the app is run, it should have the files

default.car

default.environment

default.cycle

in the same directory as it. The program autoloads these files when it starts. I just made a .app wrapper with the executable and the three files in it.

The report that I handed in with the project is included in both FrameMaker and PostScript formats.