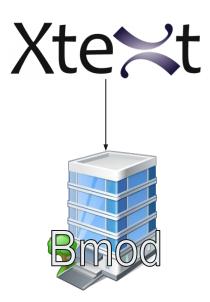
Xtext & Xtend

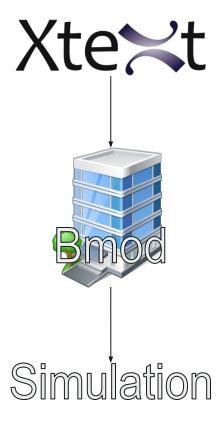


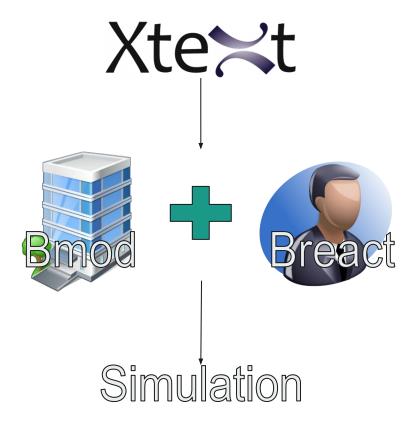
Randy Paredis

Project Description











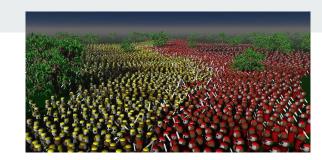
Bmod DSL: concepts

- Easy room creation (with possible occupancy conditions)
- Move through rooms via two-way doors
- Emergency signs can link doors together
- At least one exit
- Custom fire startpoint(s)
- Crowd the floor with people
- Discarded concept of Perception Levels
- Discarded concept of Action Profiles (within Bmod itself)

Breact

Breact DSL: concepts

- Targeting language
- Create actions for people
- Find targets in a single room or on the entire floor
- People cooperation
- Easy use in Bmod



Simulation: How?

- PedSim: microscopic pedestrian crowd simulation library
 - 2dvis
 - http://pedsim.silmaril.org/
- C++ code
 - Helper classes (simulation namespace)
 - Cmake

Demo

In Eclipse Photon