Agents, Video Games and Interactive Simulations

> ## Goal: Contrast AI and HCI perspective of Agents

General Definition:

Agent = Architecture + Program

HCI Research Example:

Architecture = Agentsheets
Program = Visual AgenTalk

Demo of Agentsheets and Derivatives

Alexander Repenning, Agentsheets: create your own SimCity-like interactive simulation

Martin Rausch, Behavior Exchange: exchange agents via Web pages

Corrina Perrone, WebQuest: learn by creating games connecting interactive simulations with the web

Jim Ambach, uAgentsheets: Agents and Java

Andri Ioannidou, LEGOsheets: Connect small computers with LEGO in real-world environments

Braden Craig, SimBrick: create computational bitmap agent worlds

More Information:
http://www.cs.colorado.edu/~l3d/systems/agentsheets/