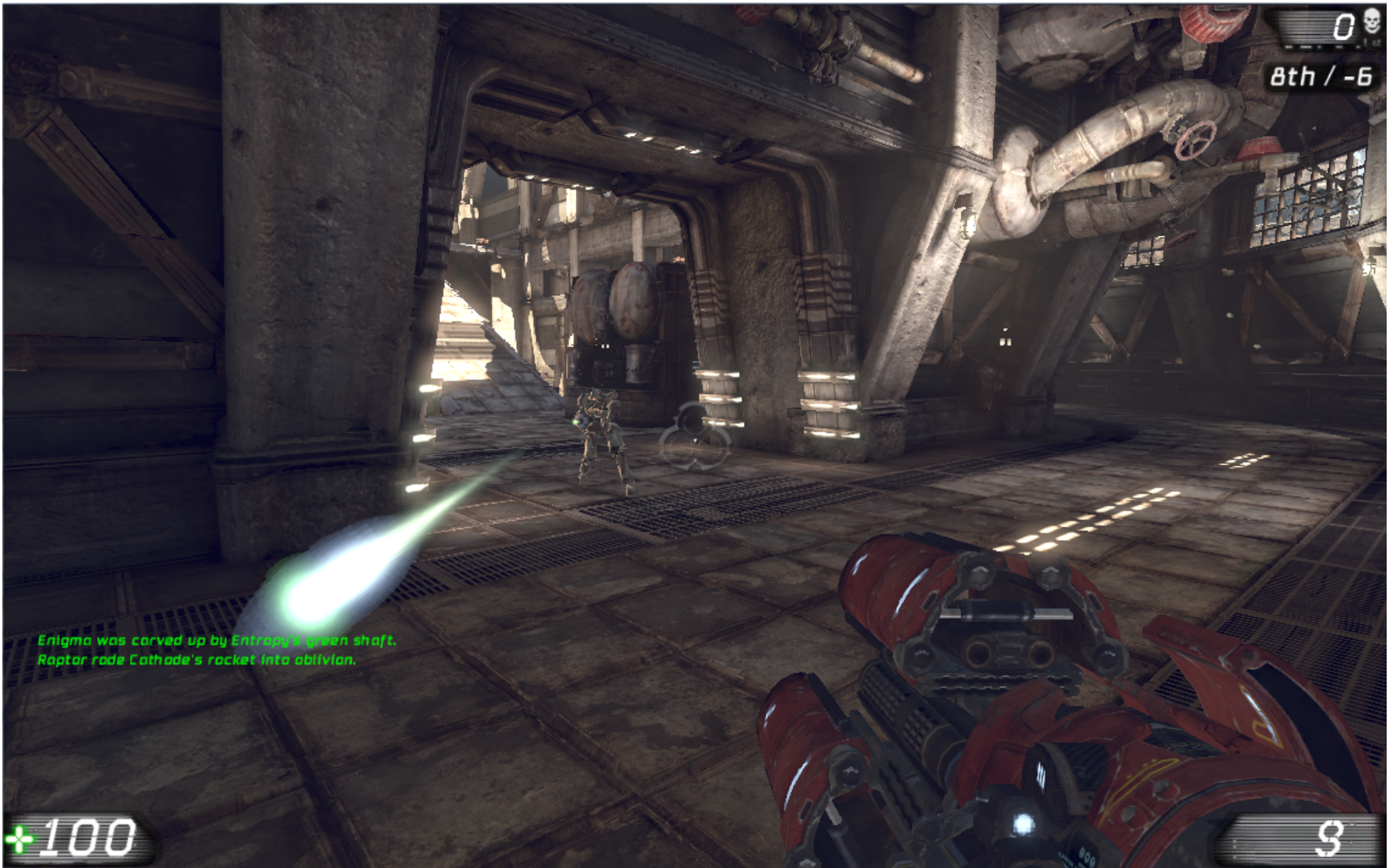


Integrating Soar with Unreal 3



Outline

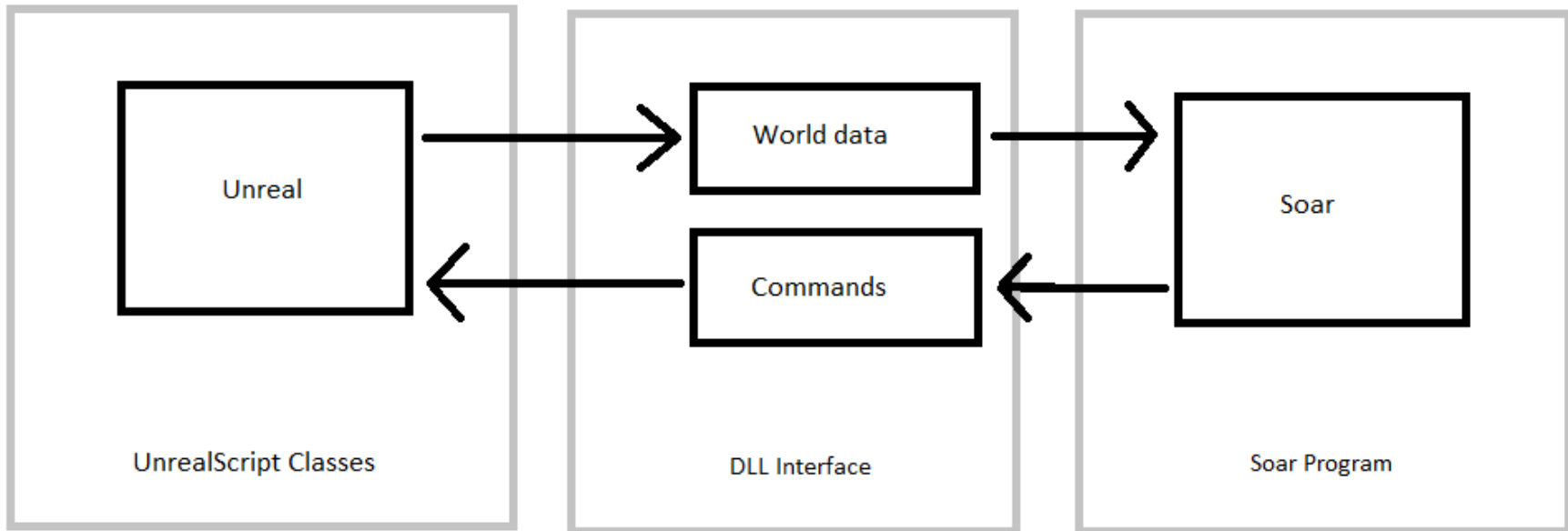
- Unreal 3 Engine
- Integration Details
- Future Work

Unreal 3 Engine

- Popular gaming engine developed by Epic Games.
- Massive real-time physics environments.
- Supported by PC, Xbox 360, and PlayStation 3.
- Used in around a hundred different games, including Unreal Tournament3 and Gears of War2.
- Used in non-game projects such as driving and construction simulations.
- **Free Unreal Development Kit.**

Integration Details

- Real-time information acquisition and decision making.
- Commands map to unreaalscript states and functions.



Future Work

- Run soar in a real-time environment with a large number of bots.
- Collect large amounts of sensory data important to soar decision making.
- Create human level AI.
- Incorporate team based AI.
- Test the newer features of the extended soar.
- Provide a reliable interface for future projects with Unreal 3 and soar.

Thank you

