Game On
Game Creation and Distribution with Gluon

by The GamingFreedom.org Team

August 8th, 2011
Next up...

1. Gluon who?
   - The Team
   - Your Presenters

2. The Vision
   - Introduction
   - The Vision

3. The Tools
   - What’s it made of?

4. The Demo
   - Live Demonstration

5. The End
   - The End
The GamingFreedom.org Team

- Vision led
- Meritocracy
- Very open team
- Members in Holland, England, India, Canada, France, Germany, Brazil, Norway, Finland
Arjen Hiemstra

- Working for KO GmbH on Calligra (and Gluon)
- KDE contributor since 2009
- Gluon Calligra contributor
- Mastermind behind GluonGraphics
Dan Leinir Turthra Jensen

- Working for KO GmbH on Calligra (and Gluon)
- KDE contributor since 2002
- Gluon, Amarok and Calligra contributor
- MSc from Aalborg University: Game and Engine Programming, specialised in Game AI (behavior trees)
- Instigator of the Gluon re-visioning
Dan Leinir Turthra Jensen

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Players and Makers

Players of Games

Makers of Games
A New Beginning

Players of Games

Makers of Games
Everything begins with an idea
Help bring the idea to fruition
Get the idea to the public
Let the public play the game
Feedback is king
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What’s it made of?

**GluonCore**

**GluonGraphics**
- Material system
- Model handling
- Various Components
- Particles

**GluonInput**
- Keyboard
- Single and Multi-pointer
- (Joystick/Joypad)
- (Accellerometer)
- (Input Actions)
- (Positioning)

**GluonAudio**
- Sound effects
- Streaming audio
- 3D positional audio
- (Dynamic playlists)
- (Adaptive music player)

**GluonSmarts**
- Game AI system
- Perception system
- based on Behavior Trees

**GluonEngine**
- Prefab (GameObject stored as an Asset)
- Asset data

**GluonCreator**

**GluonPlayer**
- Desktop
- Mobile
- Touch
- Touch HD
- (TV?)

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**Libraries**

**Applications**

**Game Sources**
Gluon who? The Vision The Tools The Demo The End

GamingFreedom.org

MY SKOR

IS GR8TER THAN YERS

by The GamingFreedom.org Team — Game On
Gamers

Yeah I'm a gamer

Angry Birds is so hardcore
Gamers

quit buggin me

almost level 68.

by The GamingFreedom.org Team — Game On
Community

LEEEEEEEEEROY!!!!1!!!
Hardware

Oh hi, I upgraded your RAM.
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Live Demonstration

Demo Time
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Question Time

Addresses and such

**Gluon**
- http://gamingfreedom.org/
- http://gluon.gamingfreedom.org/
- http://test.gamingfreedom.org/
- irc: #gluon on freenode

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