MY ROBOT NATION

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BRING YOUR IMAGINATION INTO THE REAL WORLD
3D Print Process
“Green” Figures
Result!
How do we do it?
App
Demo

SEE THE NATION!
VIEW AND RATE THE WORLD'S ROBOT CREATIONS

ROBOT GALLERY

Fun and easy
Make your own robot online

Your unique creation is printed in full-color 3D and delivered to your door

INVENT MY ROBOT!

Requires Firefox or Chrome web browser
Pipeline

• Model in 3D program
• Convert to KS Engine
• Add to DB
• User creation!
• Asynch loading
• Save model information
• Export figure data
• Print!
Content

- Engine geometry
- Print geometry
- UV mapping
- Stamps
- 3D Decals
• Simple shaders
• Body is a rigged skeleton
• Stamps are rendered-to-texture
• Lots of Javascript for the KS Engine
  – Use glMatrix heavily