

Creative Coding Freedom of Expression

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Why Touch Designer

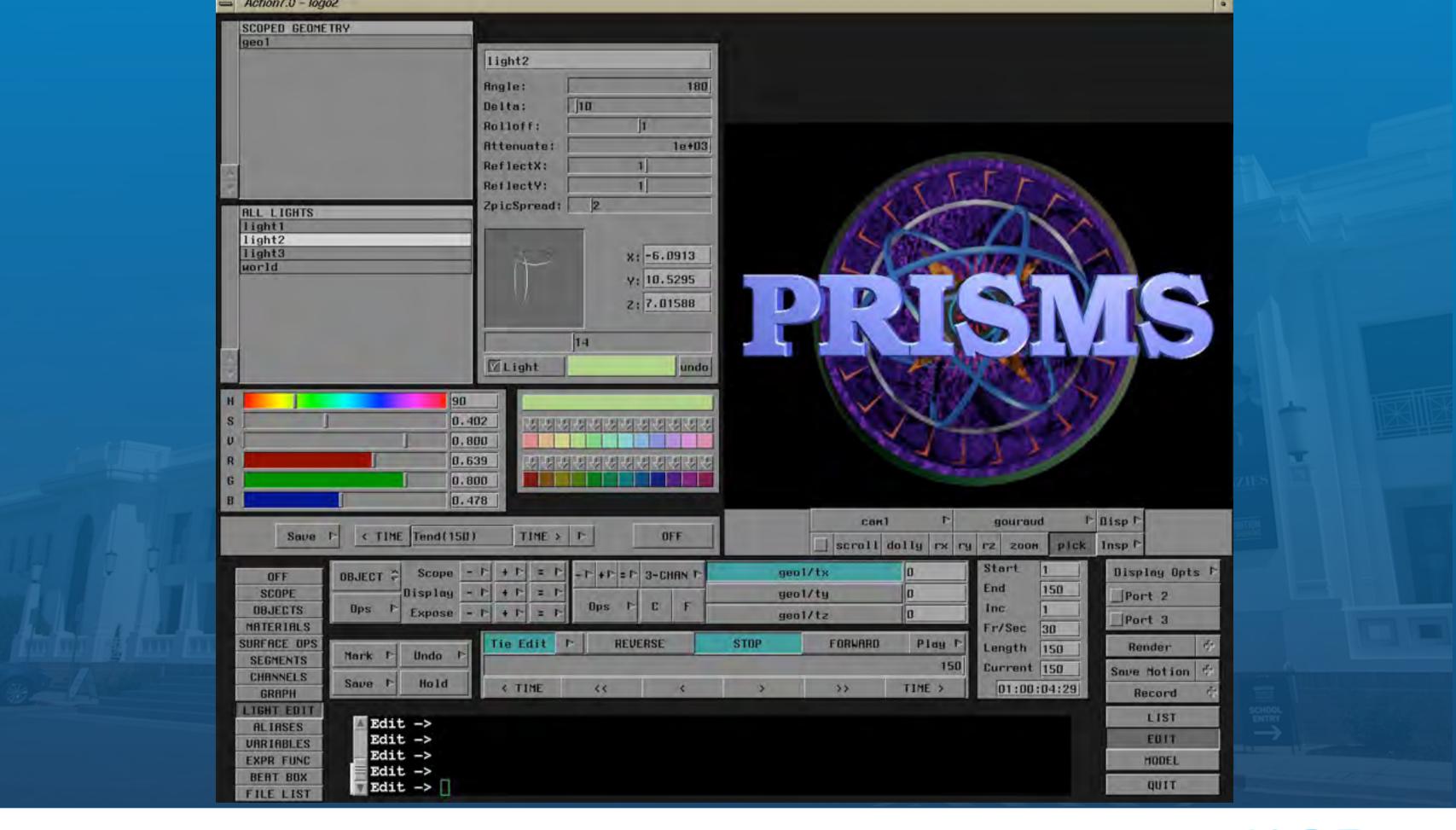
- Procedural AV engine
 - Fork of Houdini v4
 - Designed for real-time
- Good glue
 - Python, C++
 - "Batteries included"



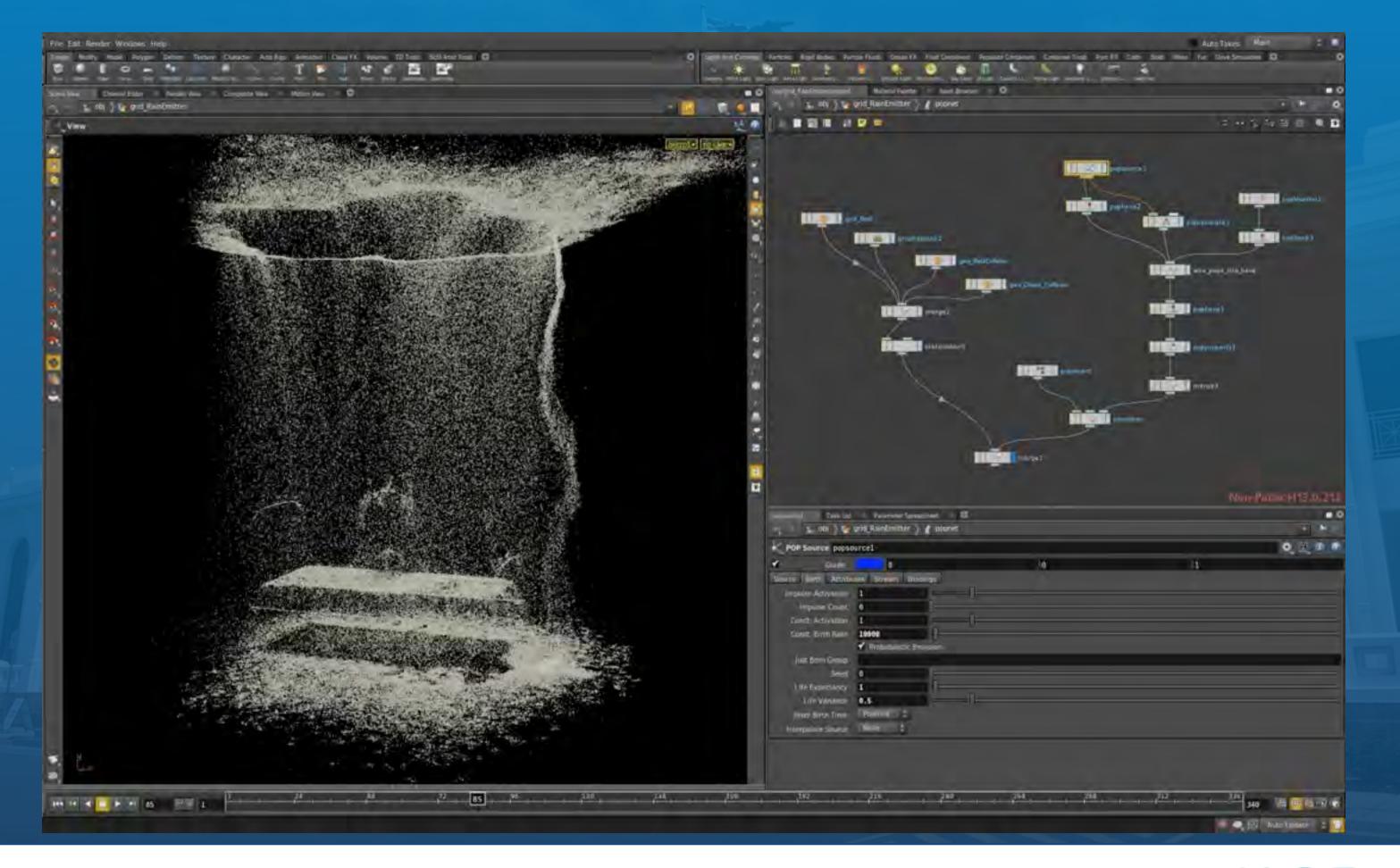
Why not Touch Designer

- Niche focus
- Windows only (OSX in closed beta)
- Small company, small user-base
- Closed source vendor lock-in
- Pro licenses expensive







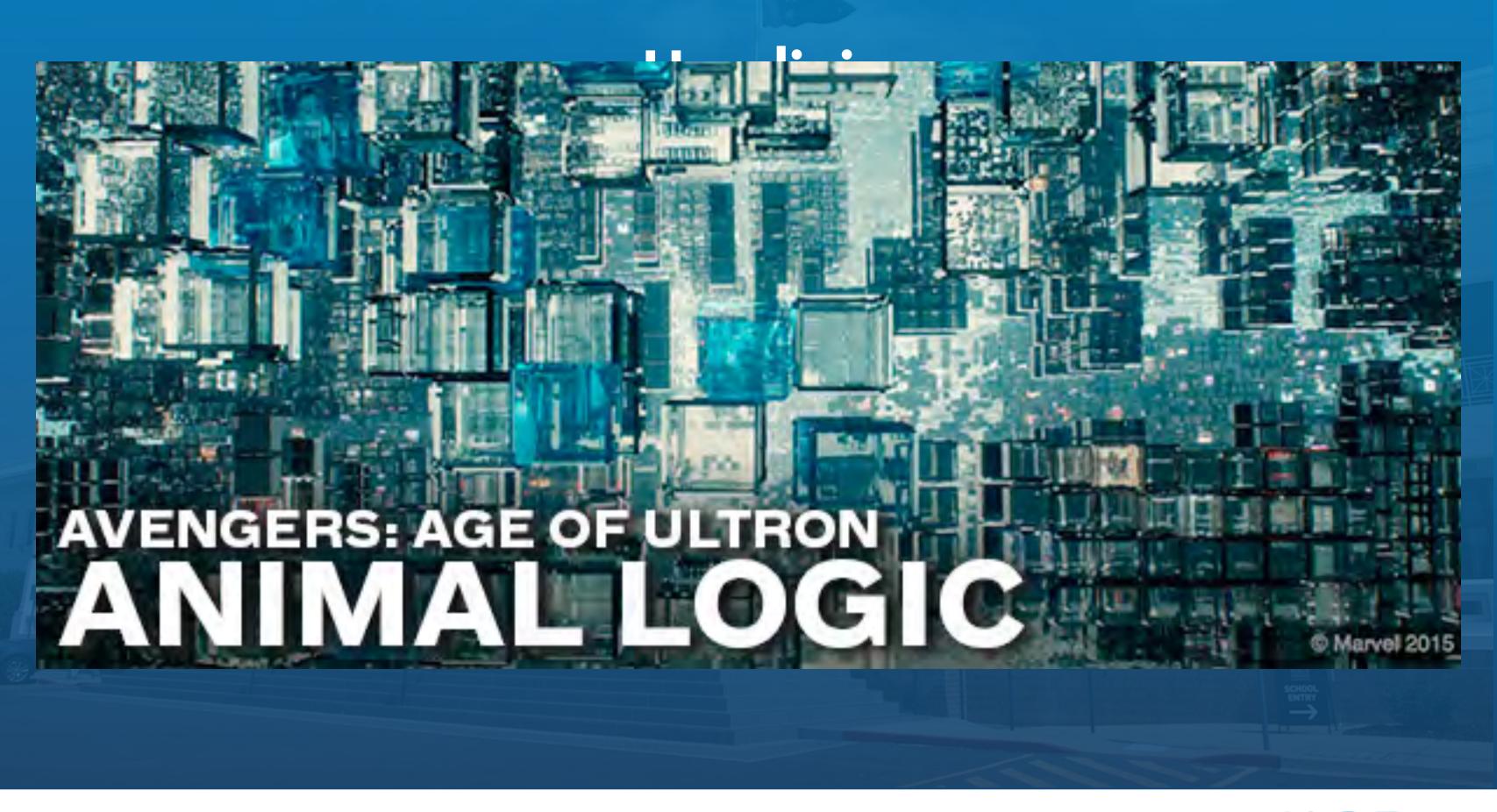




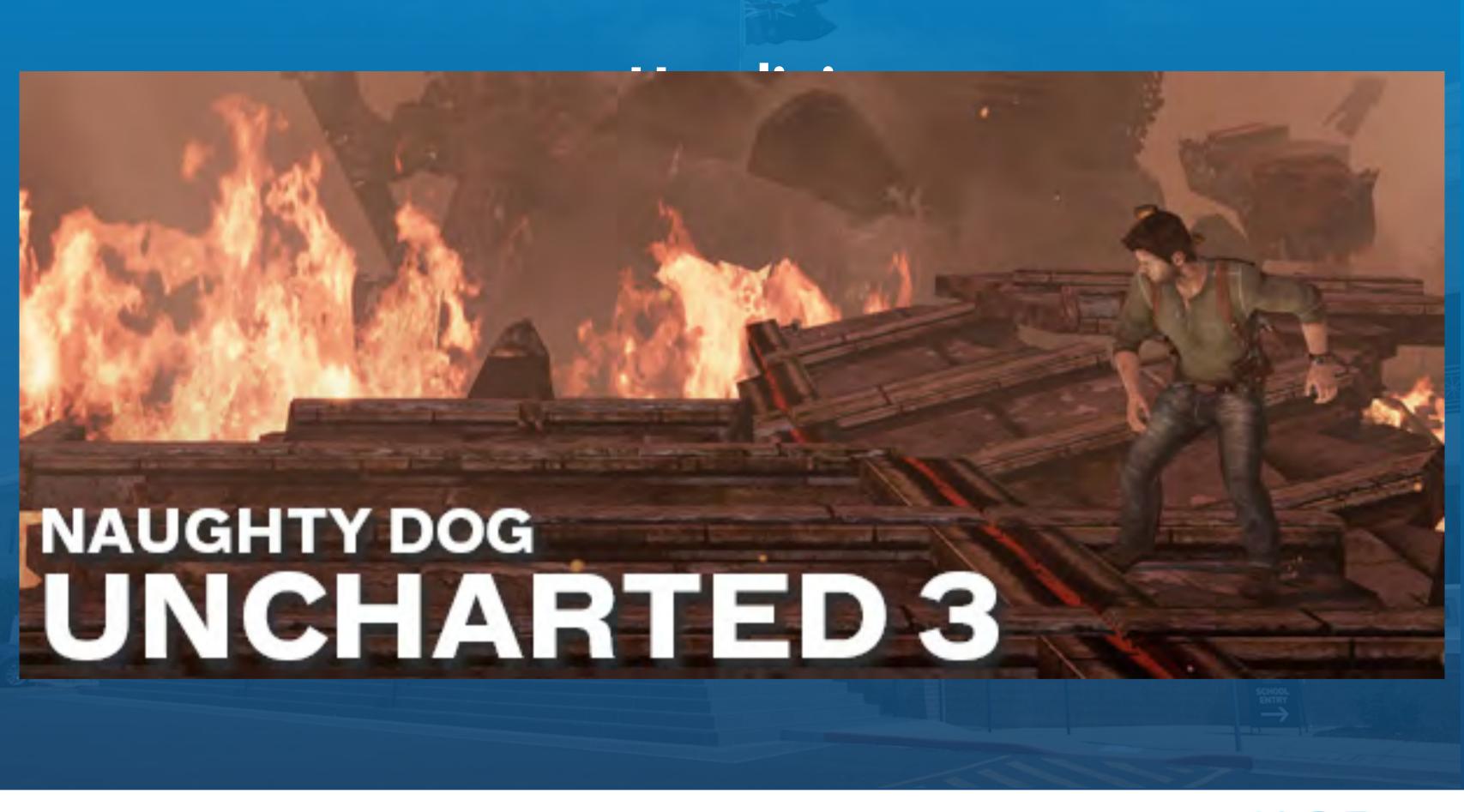
Houdini - VFX / Simulations













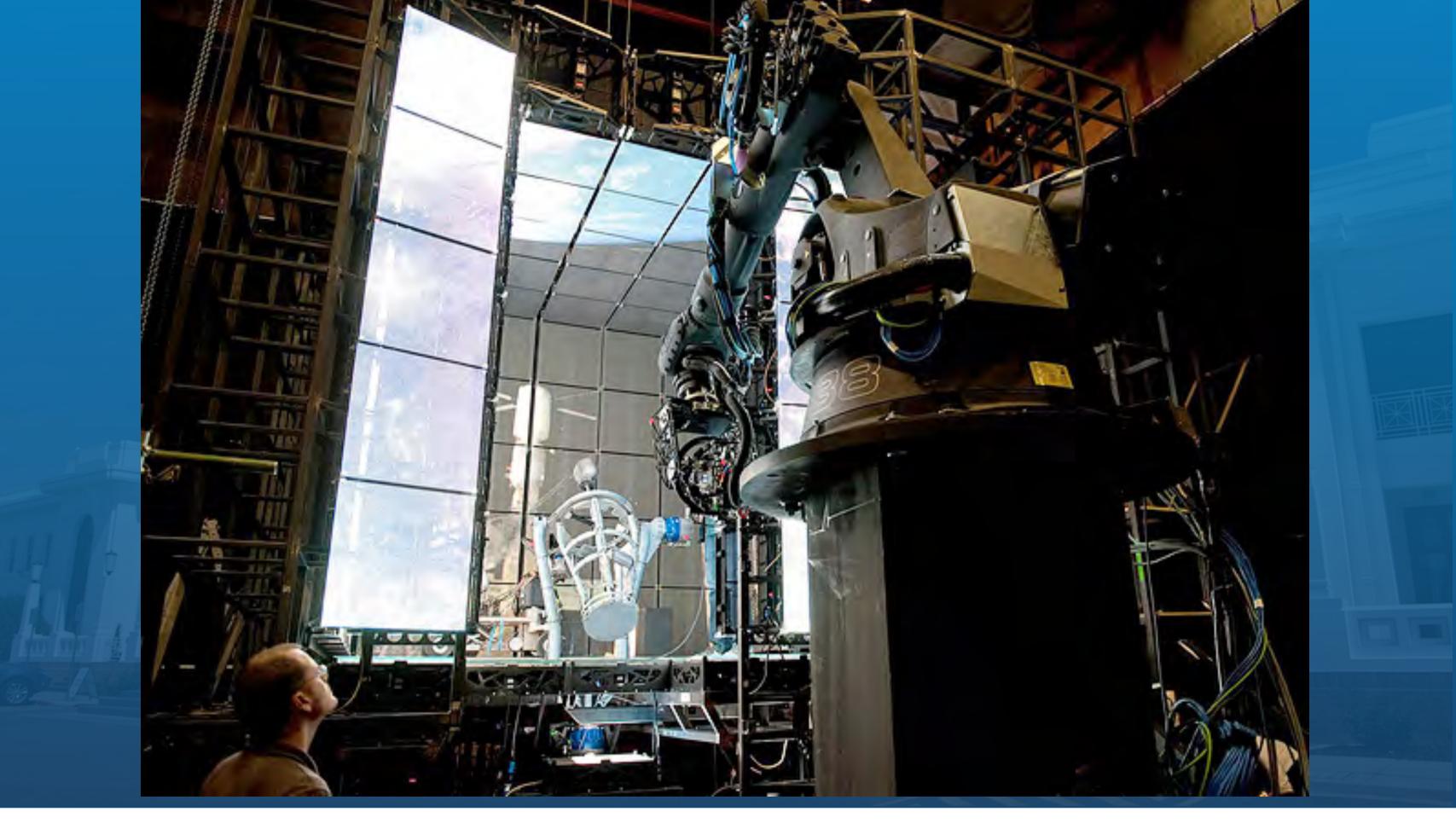
Touch Designer



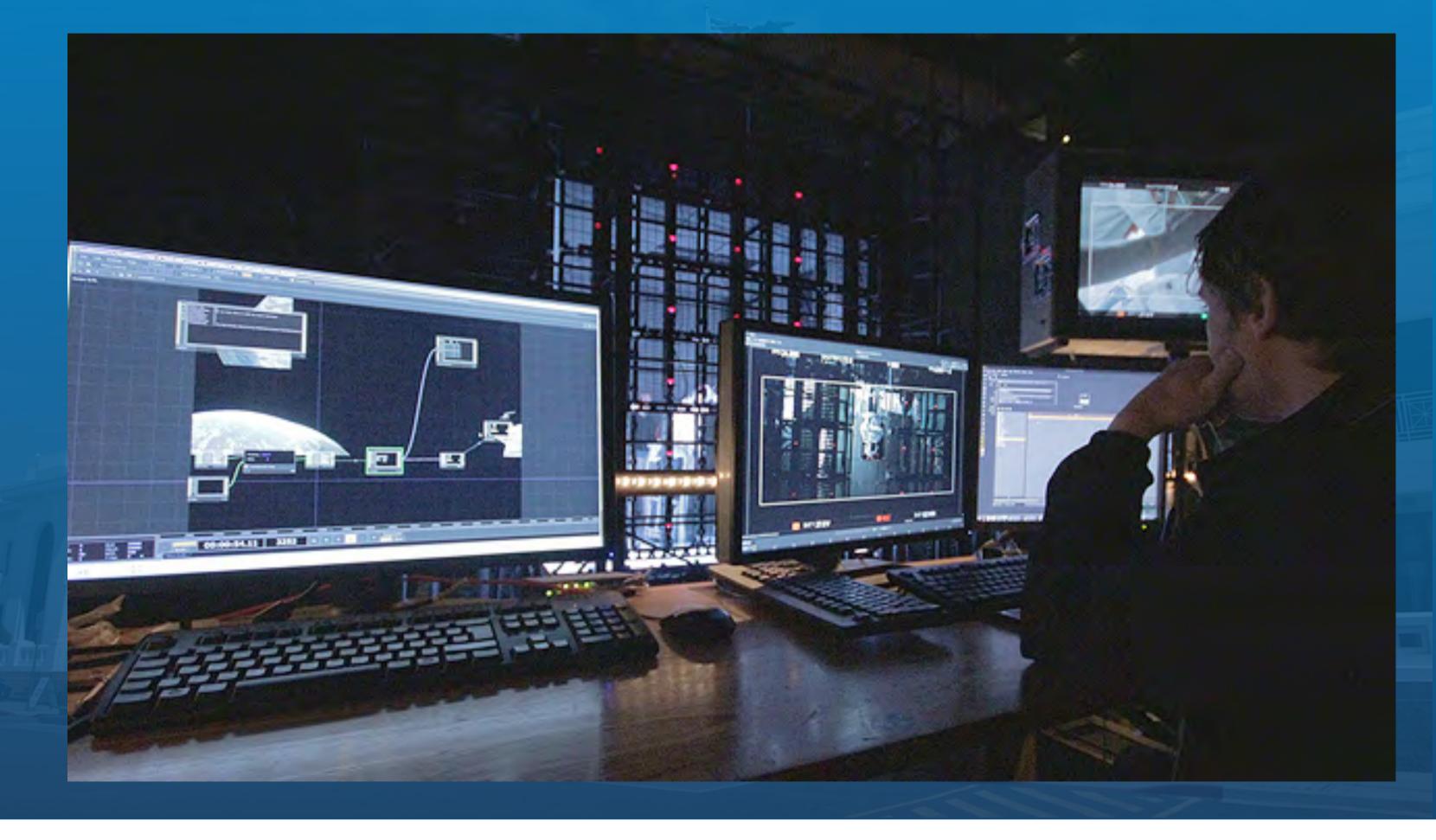








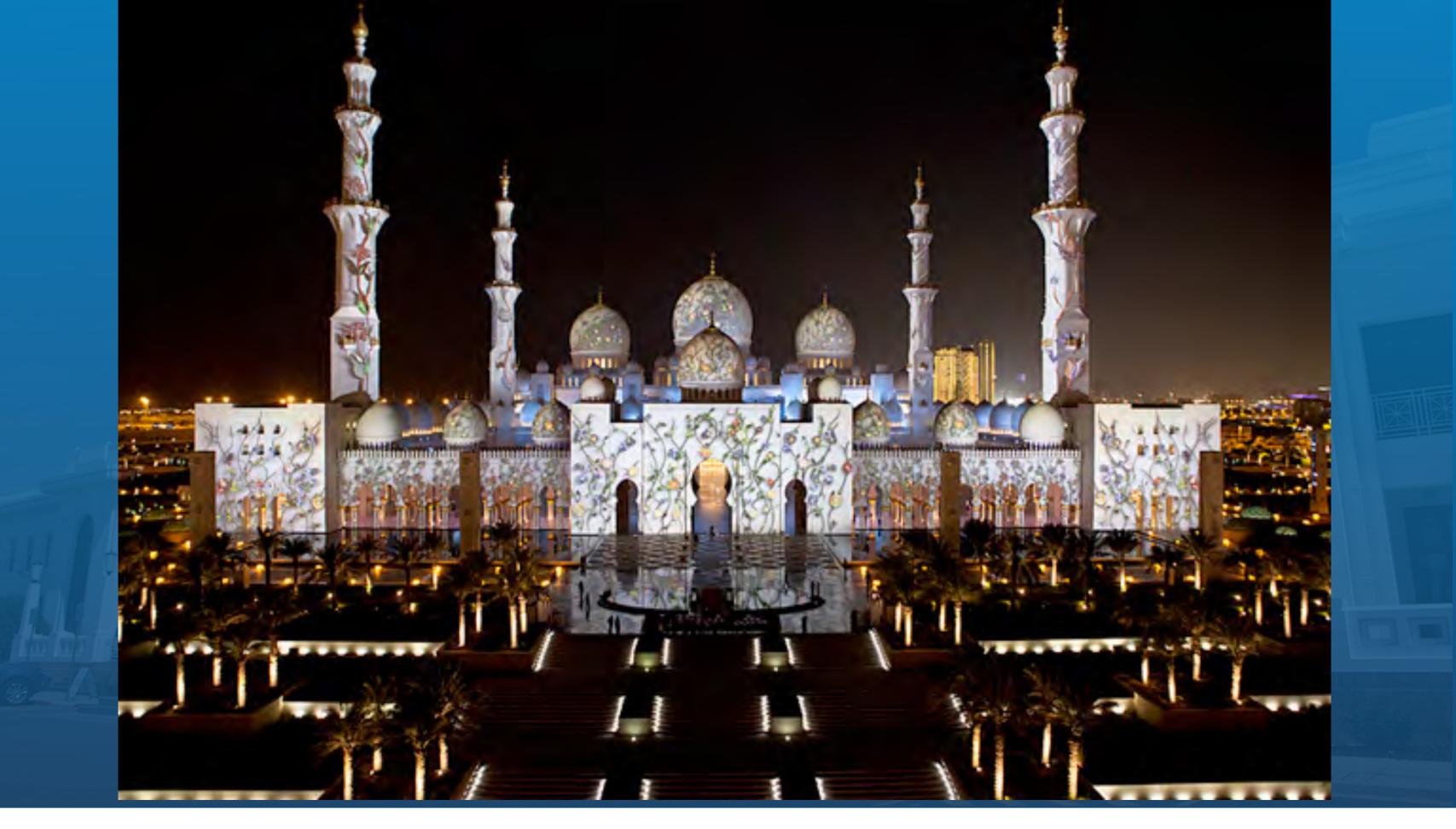




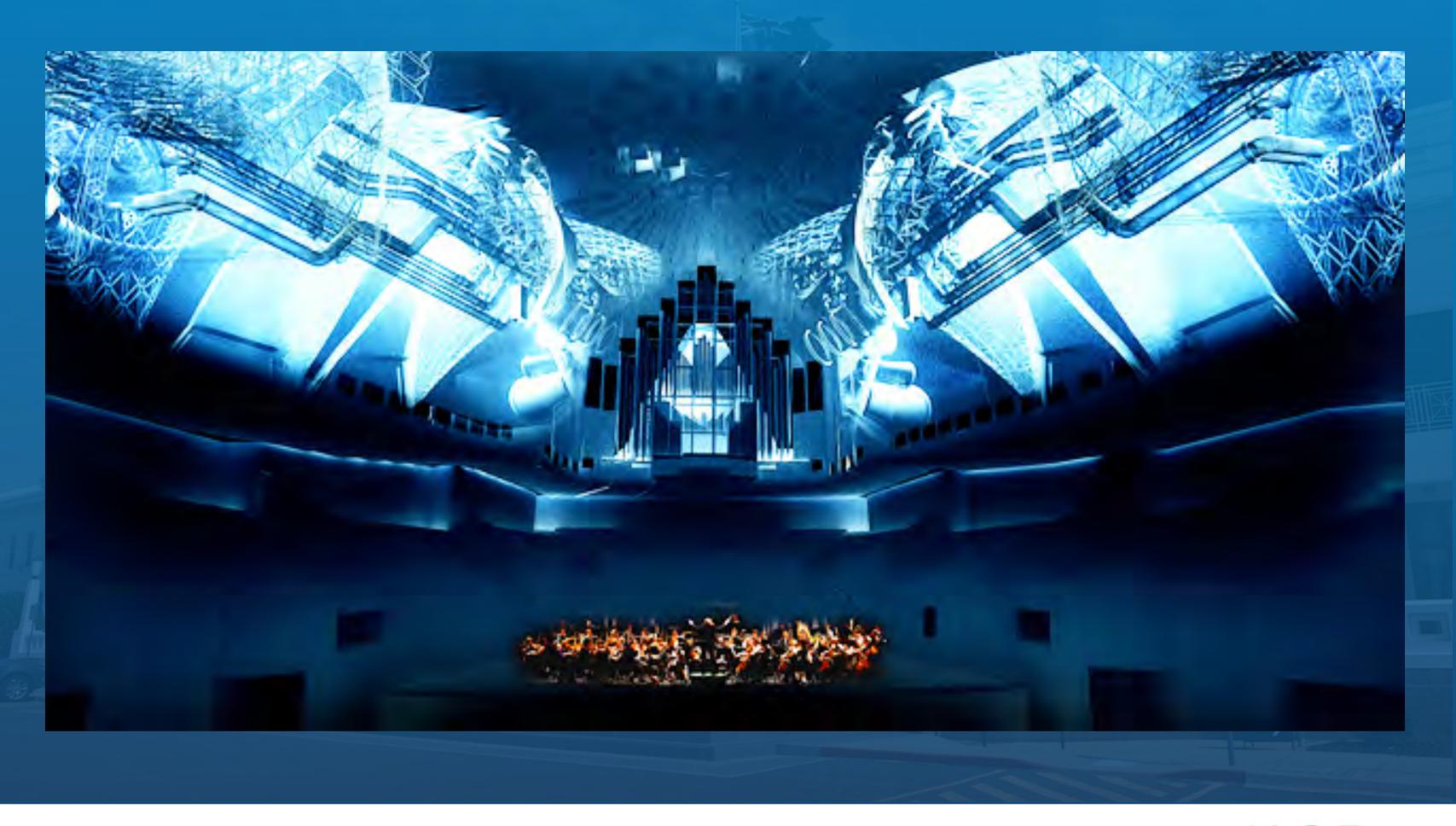




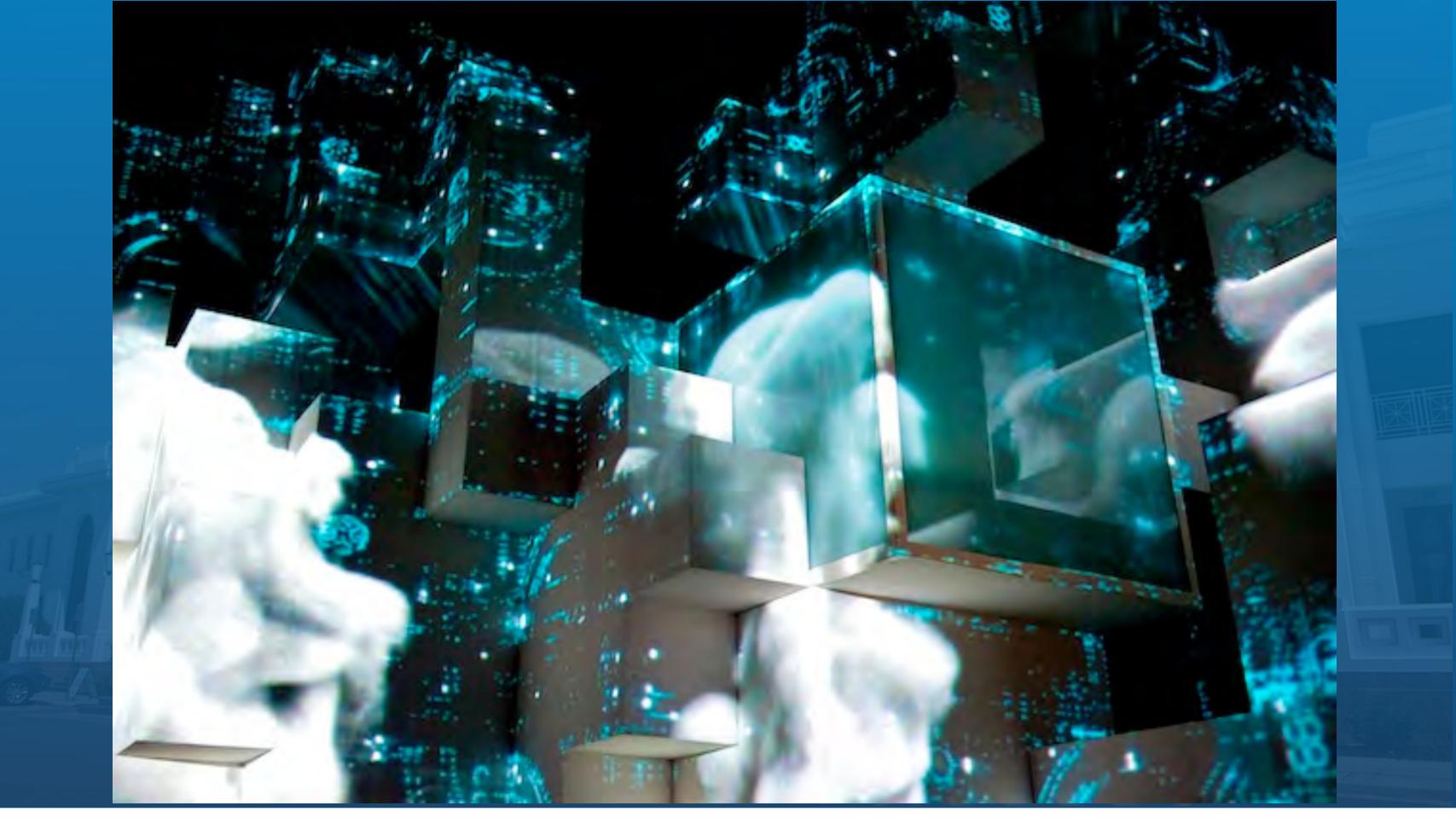








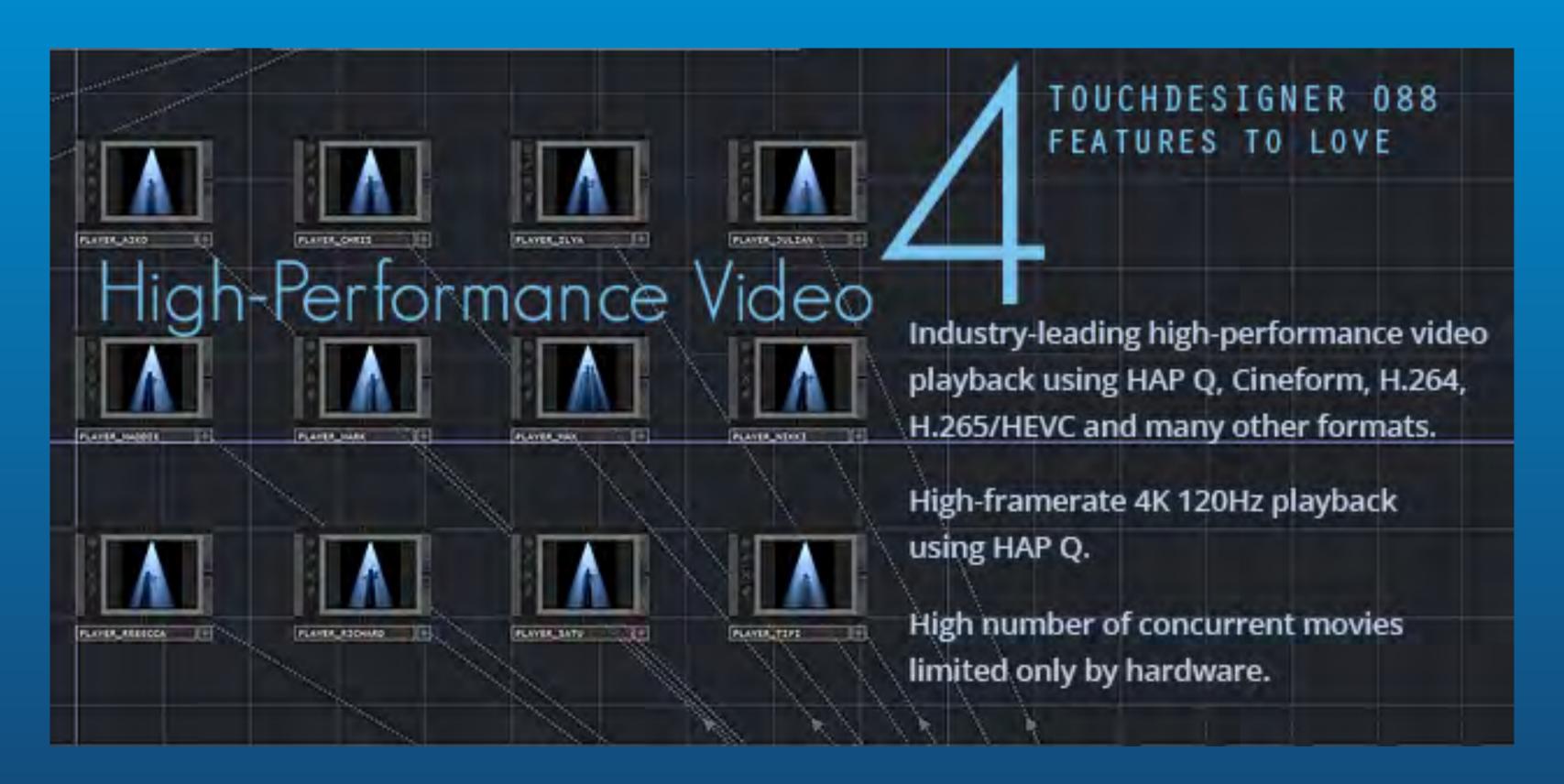




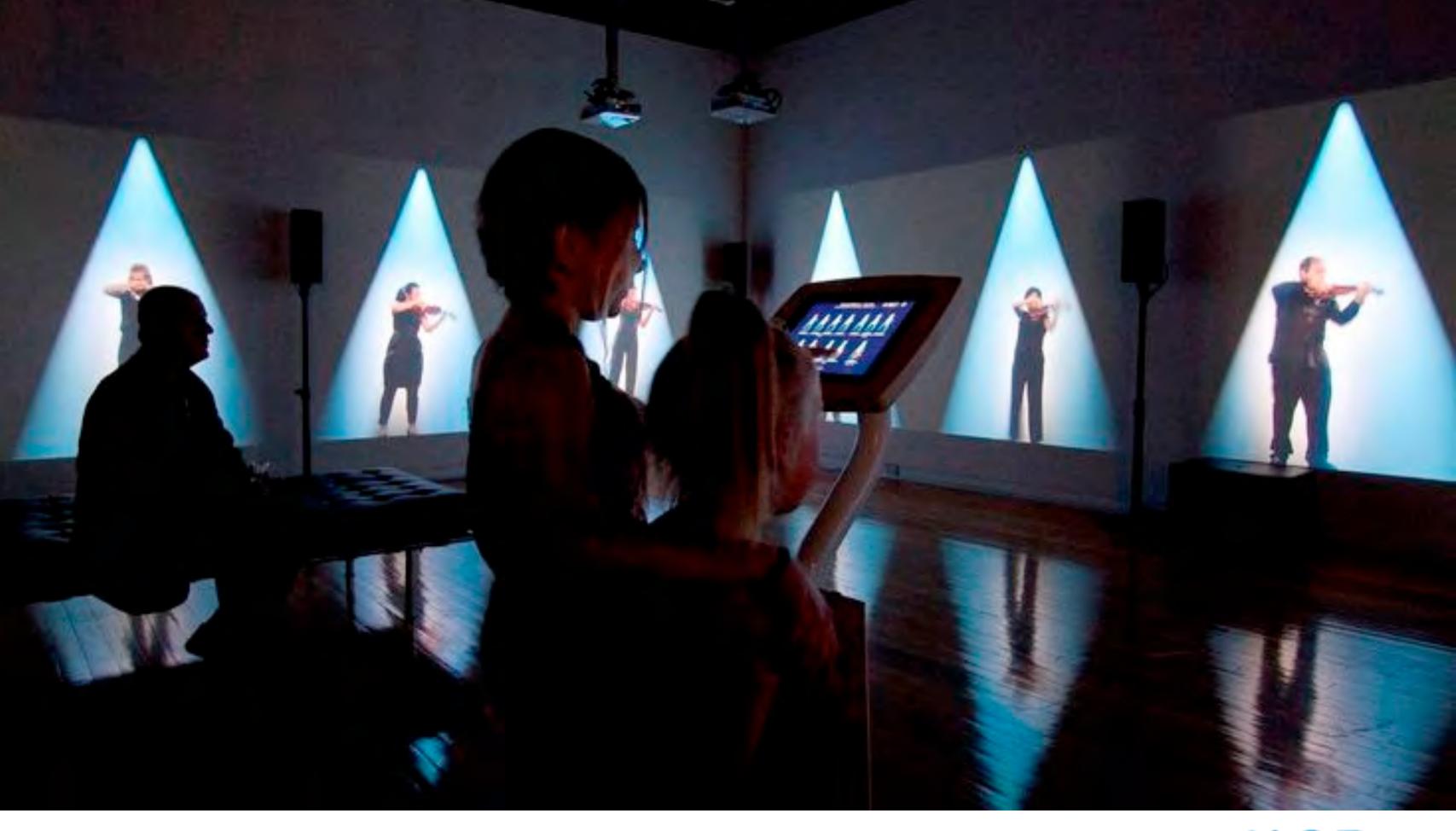


















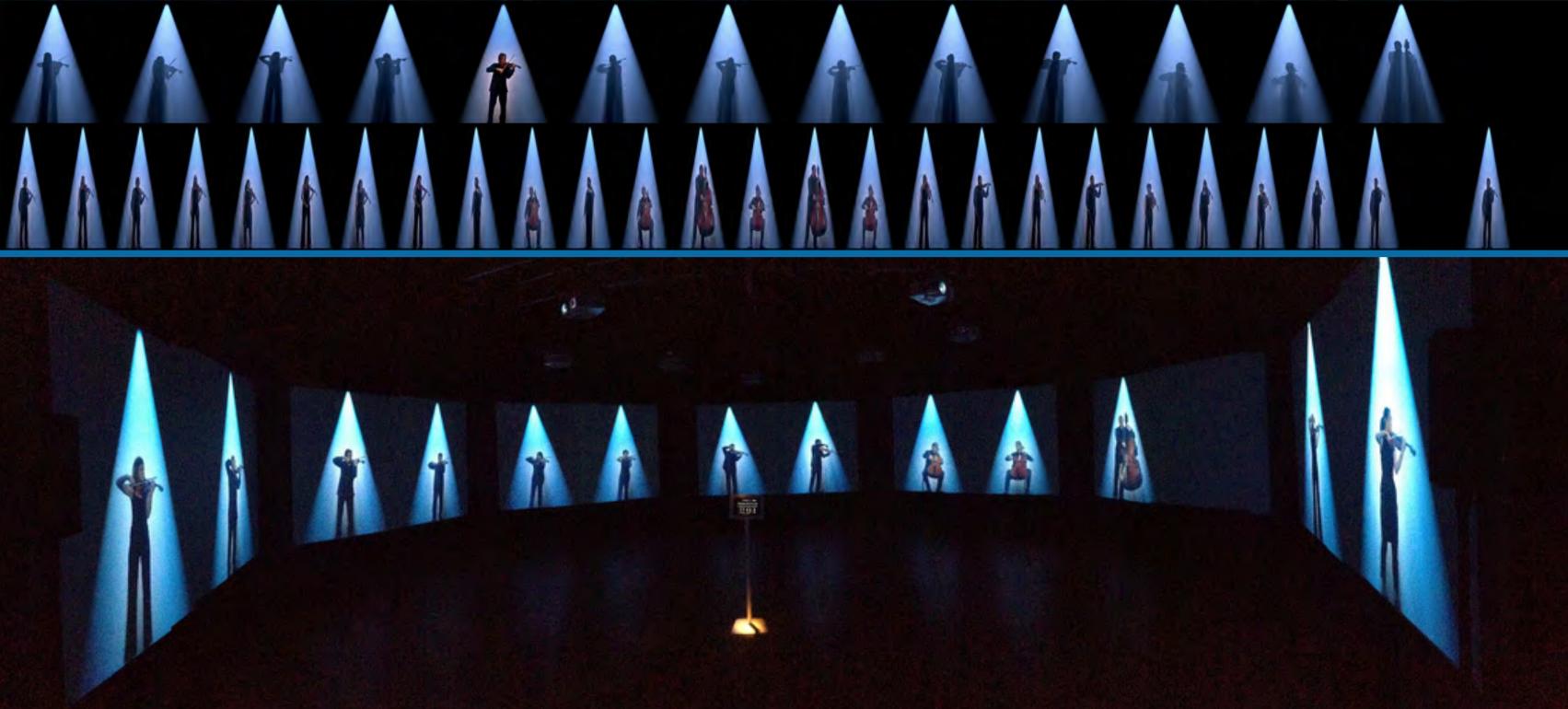








13440x1080 pixels -39 real-time video layers





POWER OF 1 museum experience Sep 14 - Oct 15



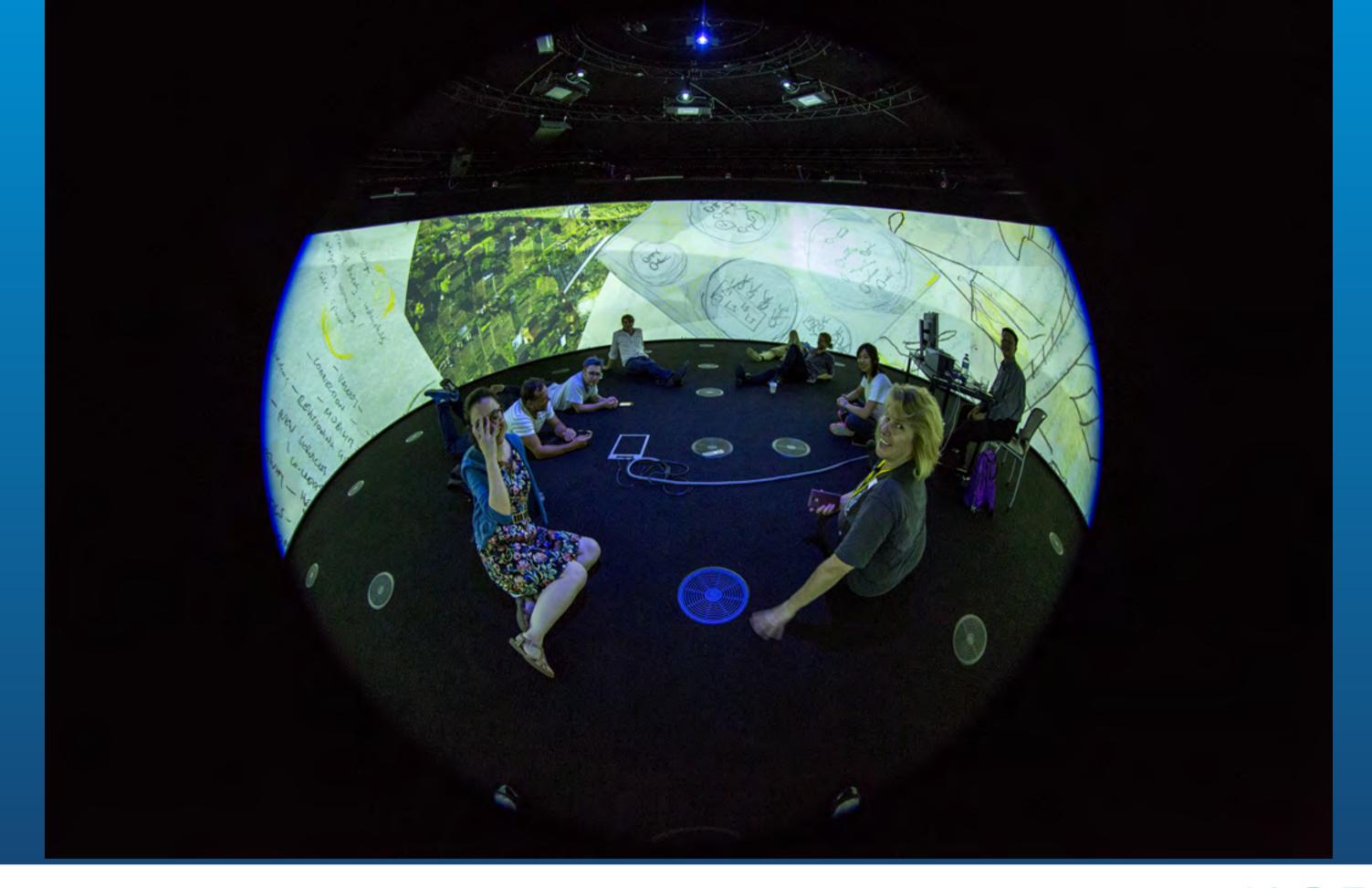














Time to code

- Strings
- Conditionals
- Loops
- Functions
- Objects



Touch Designer - procedural constructs

- COMP Components (e.g. Geometry COMP)
- TOP Texture Operators (e.g. Movieln TOP)
- CHOP Channel Operators (e.g. Wave CHOP)
- SOP Surface Operators (e.g. Sphere SOP)
- MAT Material Operators (e.g. Phong MAT)
- DAT Data Operators (e.g. Table DAT)



Touch Designer - starting points

https://github.com/michela/python-vive-touch-workshop

- Help | Python Help
- Help | Python Examples



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VR ARCADE - SYDNEY

INSTALLATION DATES THROUGH TO 2018





