

The feature acting was written in Final draft and then imported into Stiller Studios SQL database, locations, scenes and shots were identified. Madcrew 3D team started creating a city plan map of 'Valleby' where the movie was beeing played out. Henrik Norin (HDR) as a subcontractor, designed and implemented the SQL database and Python scripting together with Olle Westbergh and Tomas Tjernberg from Stiller Studios.



When the shoot were finished at Stiller, the production crew at SF together with Madcrew launched the VFX production. Shotgun

was used as the project tracking software and Maya + Nuke were the base apps for 3D and compositing.

Short 10% using motion control in a green extreme provide the burger of the schematic is an attempt to visualize the complex data flow between production units as seen from a technichian's point of view. Henrik Norin, HDR, for implementing the shoot pipeline and later the VFX pipeline. This schematic is an attempt to visualize the complex data flow between production units as seen from a technichian's point of view.

For 2D comp artists to quickly get started and switch between the camera frame ranges, a custom Nuke plug-in had to be constructed. The plug-in talked to Shotgun and collected all information it needed in order to build Nuke scripts - create animation/projection setups, find conformed plates, etc.

Simon Björk @ SF, made a script template with node placeholders that then was used as a blueprint for newly generated scripts. This, together with effective use of Gizmos. allowed for flexible testing without needing to alter the Python pipeline code too frequently.

By utilizing multi-channel EXR, and custom read nodes, the background passes could easily be extracted and used in the composition. Aside from Simon's own

Fredrik Pihl @ SF utilized scrum to achieve the most effective output, all 400+ cameras were given 45min each at most to reach next version/publish. This way, no shot were eating up precious artist time. Instead, difficult compositions were pushed towards the end and the most experienced compositors.s

NUKE SCRIPT GEN

COMP

-- VFX --

A major + minor version approach were used, each minor version were a save/test render and at publish, the major version was stepped up and Nuke script were closed.

REVIEW

As a post process for each render job, the DPX sequence(s) were transcoded to 960x540 H264 movies with metadata overlay tracking back to which elements used and versions.

Torbjörn Olsson @ SF were primarly reviewing new shots on traveling foot from Shotgun screening room. The effective notes system within Shotgun made clear which changes to be made and by whom.

As the movie got approved background and comp renderrs. a complete H264 were concatenated using Henrik and Fredrik scripts into a full length movie which were uploaded onto a cloud web server for easy review.



ONLINE EXPORT

Fredrik Brännbacka @ Madcrew constructed a script that compiled and uploaded the approved final DPX sequences to the grading suite for online process

Copyright(c), Henrik Norin, High Definition Render AB 2014

This document may be published freely UNALTERED - AS IS. Mentioned product brand(s) are registered trademarks of their

http://www.highdefinitionrender.com henrik.norin@highdefinitionrender.com