MSP And TouchDesigner

Connect TouchDesigner \u0026 Max 8 with OSC - TouchDesigner Tutorial 072 - Connect TouchDesigner \u0026 Max 8 with OSC - TouchDesigner Tutorial 072 11 minutes, 19 seconds - Max 8 is a fantastic environment for working with audio and it pairs wonderfully with **TouchDesigner**,. Connecting the two is easier ...

Intro

TouchDesigner

Network Address

Port

Max

Install ODOT Kit

Configure UDP Receive

Parse OSC Messages

Connect to Message Box

Scaling

Mapping

TouchDesigner + Ableton + Max/MSP — Audio-Reactive Project Walkthrough - TouchDesigner + Ableton + Max/MSP — Audio-Reactive Project Walkthrough 20 minutes - A walkthrough of a project I made for the 2021 Interactive Immersive Championship. I integrated **TouchDesigner**,, Ableton, and ...

Intro

Project demo

TouchDesigner network

Parameter shortcut tip

Ableton setup

Customizing M4L devices

Alternative Ableton setups

Max/MSP control system

Generating interface from JSON

Max interface demo

Outro

Touch Designer VS Max/MSP/Jitter - Simple Video Mixer - Touch Designer VS Max/MSP/Jitter - Simple Video Mixer 9 minutes, 16 seconds - Here we learn how to create a simple video mixer in Max! You can select a new video from a list and the old one will fade into the ...

Circles(for dance \u0026 piano, real-time sound processing \u0026 visualization with Max/MSP \u0026 TouchDesigner) - Circles(for dance \u0026 piano, real-time sound processing \u0026 visualization with Max/MSP \u0026 TouchDesigner) 7 minutes, 46 seconds - This study aims to create interactive multimedia that is combined music and dance. This study started with the question. What if the ...

Getting Started with DMX - Overview, Touchdesigner \u0026 MaxMSP - Getting Started with DMX - Overview, Touchdesigner \u0026 MaxMSP 23 minutes - Using the Enttec DMX pro mk2 we take a first look at DMX, what is it, and how to implement it. 0:00 - 02:00: Enttec DMX Pro Mk2 ...

Enttec DMX Pro Mk2

DMX protocol, a rubbish light \u0026 how channels work

Touchdesigner implementation using Enttec drivers

End: MAXmsp implementation using Serial Port

Hand motion detection-touchdesigner send OSC message to Max Msp - Hand motion detection-touchdesigner send OSC message to Max Msp 29 seconds - Palm hand distance from camera means speed #computermusic #maxmsp #**touchdesigner**, #mediapipe #OSC #newmediaart ...

What is TouchDesigner: A Simple Explanation for Visual, Interactive and Multimedia Creators - What is TouchDesigner: A Simple Explanation for Visual, Interactive and Multimedia Creators 6 minutes, 2 seconds - - Although it is not easy to explain everything **Touchdesigner**, does in such a short video, I have tried to summarize what I consider ...

Spectral Distortion | Max/MSP Tutorial - Spectral Distortion | Max/MSP Tutorial 45 minutes - Distorting how the frequencies are combined in an audio signal can create some cool effects. In this video, I create a spectral ...

Introduction

Setting up the FFT analysis

Recording the FFT analysis

Distorting the FFT data

Playing the distorted FFT data back

Chaotic Particles - Max/MSP Tutorial - Chaotic Particles - Max/MSP Tutorial 26 minutes - What does chaos look like? Chaotic attractors are complex patterns that emerge in certain systems where even tiny changes in ...

Introduction

What are chaotic attractors?

Setting up a particle system

Explaning the formula \u0026 feedback

Implementing the formula

Visualising the result \u0026 further parameters

The improvisation of water (2023) with Touchdesigner - The improvisation of water (2023) with Touchdesigner 50 seconds - ?? ??(2023) ?? ?? The improvisation of water? '??? ??? ?? ??? ??? ??? ????, ??? ??? ??? ...

Intro to TouchDesigner for Pixel Mapping - Ben Voigt and Markus Heckmann - Intro to TouchDesigner for Pixel Mapping - Ben Voigt and Markus Heckmann 1 hour, 45 minutes - The projection and pixel mapping workshop is meant for users that are already familiar with the **TouchDesigner**, interface and its ...

Intro

Getting a 150 LED strip

Changing the number of points

Assigning colors

Animating colors

Converting data to chop

Position in jobs

Top to chop

Positional lookup

RGBA units

Packet per channel

Shuffle chop

Inspect LED strip

Instancing

Position

Merge Chop

Circle Mapping

Grid Mapping

Particle Clouds and Pseudo-Plexus TOUCHDESIGNER TUTORIAL - Particle Clouds and Pseudo-Plexus TOUCHDESIGNER TUTORIAL 13 minutes, 37 seconds - Edit: it can also be fun to plug in a noise TOP before the second input of the displace top for some extra line control. Download the ...

intro

making the noise shape

creating the feedback loop

creating the reset noise

stratification

chop controls

drawing the lines

instancing network

post processing

bounding box

Udpsend \u0026 Udpreceive - Helpful Objects to Know - Max MSP Tutorial - Udpsend \u0026 Udpreceive - Helpful Objects to Know - Max MSP Tutorial 7 minutes, 24 seconds - In this video we look at udpsend and receive which is immensely valuable for sending data between max patches across the ...

From Outlines to Motion: Designing Visuals with Edge FX in TouchDesigner - From Outlines to Motion: Designing Visuals with Edge FX in TouchDesigner 17 minutes - in this tutorial, we'll dive into using edge fx in **touchdesigner**, to layer stylized outlines over video footage—creating an ...

Max Video Tutorial #4: OSC - Max Video Tutorial #4: OSC 27 minutes - This tutorial is a little different because it's not only for Max users. After explaining how OSC and UDP work as a team, I show how ...

Intro

OSC Basics

UDP vs OSC

OSC Dial

Compatibility Issues

Creating a Panel

Visualising the Audio Spectrum in 3D - Max/MSP Tutorial - Visualising the Audio Spectrum in 3D - Max/MSP Tutorial 27 minutes - You can create really beautiful and interesting things by the frequency domain analysis of audio. This is a (hopefully) accessible ...

Introduction

Setting up [pfft~]

Writing audio data into a matrix

Receiving input/output from [pfft~]

Scrolling matrices with [jit.convolve]

Using dstdim with [jit.matrix]

Setting up a 3D environment

Using [jit.gen] to process the FFT analysis

Creating shapes within [jit.gen]

Interactive Particles using particlesGpu in #touchdesigner - Interactive Particles using particlesGpu in #touchdesigner 31 minutes - In this #**touchdesigner**, #tutorial we take a look how we can use webcam and #kinect as a particle source in particlesGpu from the ...

Intro

Preparation

Using Webcam

Disabling Source Interpolation

Adding Color

PostFX

Temporary Workaround

Webcam Interactivity

Kinect Workshops

Using Kinect

Audio Reactivity

Recap

OpTemplates quick demo

Signals- Max MSP and TouchDesigner - Signals- Max MSP and TouchDesigner 5 minutes, 49 seconds

Touchdesigner / Ableton / Max for live hand tracking to glitch music sound design - Touchdesigner / Ableton / Max for live hand tracking to glitch music sound design by Disektor 1,148 views 7 months ago 1 minute, 30 seconds – play Short - Prototyping for a future A/V performance and will probably make a max for live device for it as well. Because making cool glitch ...

The Geometry of Blood | TouchDesigner Tutorial | Free Project File (.toe) - The Geometry of Blood | TouchDesigner Tutorial | Free Project File (.toe) 8 minutes, 3 seconds - TouchDesigner, Build 2023.12370 Download the project file (.toe) for free: http://patreon.com/pbltrr.

Anxiety(computer music \u0026 real-time visualization with Max/MSP \u0026 TouchDesigner) - Anxiety(computer music \u0026 real-time visualization with Max/MSP \u0026 TouchDesigner) 4 minutes, 6 seconds - Every sound in this piece is started from sine waves. The main effect is FM synthesis. Composer: Gwan-Gyu Lee Blog ...

Chaotic Sounds - Max/MSP Tutorial - Chaotic Sounds - Max/MSP Tutorial 37 minutes - What does chaos sound like? Chaotic attractors can emerge not only through visuals, but though audio as well. In this video, I ...

Introduction

What are chaotic attractors?

[gen~] and feedback

Implementing the formula

Visualising the signal output

Playing the signal as audio

Using the signal for buffer playback

Simulating multiple particles with [mc.gen~]

Multichannel chaotic buffer playback

In Fog (TouchDesigner, Max/MSP) - In Fog (TouchDesigner, Max/MSP) 1 minute, 39 seconds - TouchDesigner,, Max/**MSP**,, Ableton Live.

Decimal(for dance, computer music \u0026 audio visualization with Max/MSP \u0026 TouchDesigner) - Decimal(for dance, computer music \u0026 audio visualization with Max/MSP \u0026 TouchDesigner) 4 minutes, 7 seconds - Composer: Gwan-Gyu Lee Dancer: Jeong-Hyun Kwon Blog - https://www.gwangyulee.com/ Instagram ...

Automating \u0026 Recording OSC with Ableton | Control TouchDesigner, Synesthesia, \u0026 More - Automating \u0026 Recording OSC with Ableton | Control TouchDesigner, Synesthesia, \u0026 More 46 minutes - NOTE: this plugin requires Ableton Suite or Ableton Standard with the Max for Live addon This is an in-depth walkthrough of OSC ...

intro

outline

demo

background story

comparison to Automation COMP \u0026 TDAbleton

installing the device

device walkthrough

generating parameters

generating for TouchDesigner

generating for Synesthesia

generating from OSC input

generating manually

setting up the Ableton set

automating a music video

using MIDI, macros, and other devices

recording input

syncing video playback

exporting with OBS

exporting non-real-time from TouchDesigner

outro

SYNC - MaxMSP X TouchDesigner - Test 0.1 - SYNC - MaxMSP X TouchDesigner - Test 0.1 27 seconds - Patch Max **MSP**, for Sound Design Patch **Touchdesigner**, syncronized for video.

THP 494 \u0026 598 | Audio Part 4 - Simple Metering | TouchDesigner - THP 494 \u0026 598 | Audio Part 4 - Simple Metering | TouchDesigner 36 minutes - If this idea is interesting to you, please pick up a copy of Patrik Lechner's book - Multimedia Programming using Max/**MSP and**, ...

Introduction

New Container

Adding a Base

Audio Analysis

One Quadrant

Select

Texture Operator

Transforms

Transform Top

Ramp

Adding a Select

Low Incoming Signal

Lookup

Feedback

Visual Feedback

Network Collapse

Container Changes

Borders

Creating a Module

OSC MAX \u0026 Touchdesigner - OSC MAX \u0026 Touchdesigner 41 seconds

Gamut - Process (Touch Designer) - Gamut - Process (Touch Designer) 16 seconds

Communication between Processing, MaxMSP and TouchDesigner - Communication between Processing, MaxMSP and TouchDesigner 50 seconds - Demonstration of Processing sending OSC messages to other programs such as MaxMSP and **TouchDesigner**,. Website: ...

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Spherical videos

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