MX 10

TD WRSHP BEGINNERS BERLIN
Introduction to Visual Programming

Free Learning Resources
The WIKI / *https://docs.derivative.ca/Category:Tutorials#First_Things_to_Know_about_TouchDesigner*
Matthew Ragan / *https://matthewragan.com/touchdesigner-workshop-yale-2017/*

More Learning Resources
Elburz & nVoid / *https://learntouchdesigner.com/*
Lichtpfad Studios / *https://lichtpfad.selz.com/de*

Where to get help & connect
Forum / *http://www.derivative.ca/Forum*
FB Help Group / *https://www.facebook.com/groups/touchdesignerhelp*
TouchDesigner on Discord / *https://discordapp.com*

Extend TouchDesigner
ChopChopChop Asset Store / *https://chopchopchop.org*
Richard Burns TD Plugin Store / *https://touchdesignerplugins.com*
Elburz Templates / *https://template.elburz.io*

MX10

Share Video between Apps:
Syphon / http://syphon.v002.info
Spout / http://spout.zeal.co
NDI / https://www.newtek.com/ndi/tools

Hardware IO:
Arduino / https://www.arduino.cc
Enntec DMX / https://www.enttec.com
Datapath FX4 / https://www.datapath.co.uk
Magewell USB Capture / https://www.magewell.com/capture/usb-capture
Wacom / https://www.wacom.com
Leap Motion / https://www.leapmotion.com
Real Sense / https://software.intel.com/en-us/realsense/d400
ZED / https://www.stereolabs.com/

Helpful Software:
Ableton Live / https://www.ableton.com/de/live
Audacity / https://www.audacityteam.org
Blender / https://www.blender.org
OBS / https://obsproject.com
Mapping Matter / http://www.mappingmatter.com

OSC / MIDI
TouchOSC / https://hexler.net/software/touchosc
Lemur / https://liine.net/en/products/lemur
Open Stage Control / https://osc.ammd.net
Vezer / https://imimot.com/vezer
OSSIA / https://ossia.io
RTP Midi / https://www.tobias-erichsen.de/software/rtpmidi.html
MIDI Ox / http://www.midiox.com

More stuff
Text Editor / *https://www.sublimetext.com*
BPM / FPS Calculator / *https://www.vjamm.com/support_av_bpm.php%3Flang=en.html*
Artnet Monitor / *https://www.lightjams.com/artnetominator/*
Video Encoder / *https://ffmpeg.org/*
Sound Drivers / *http://www.asio4all.org/*
3D Package / *https://www.blender.org/*
Intermediate Codec / *https://en.wikipedia.org/wiki/CineForm*
MultiDisplay Splitter / *https://www.datapath.co.uk/datapath-products/multi-display-products/datapath-fx4*
Intermediate Codec / *https://en.wikipedia.org/wiki/CineForm*
IoT Flow Programming / *https://nodered.org*
Network Applications / *https://nodejs.org*

Node based Programming
VVVV / https://vvvv.org
Max+Jitter / https://cycling74.com/products/max
Pure Data / https://puredata.info
Isadora / https://troikatronix.com
Cables / https://cables.gl
Notch / https://www.notch.one
Ventuz / https://www.ventuz.com

Nodes in other interesting software
Nodal – Musik / http://nodalmusic.com
Nuke – Compositing / https://www.foundry.com/products/nuke
Houdini – 3D FX / https://www.sidefx.com/products/houdini
Substance Designer - Materials / https://www.allegorithmic.com