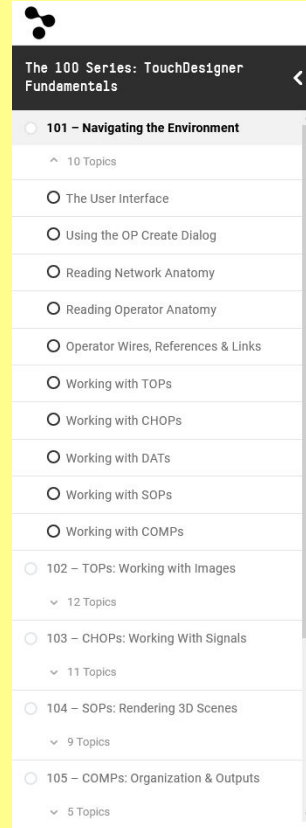


Recommended YT tutorials

- ❑ [The Interactive & Immersive HQ](#) —————→ [Beginner Crash course](#)
 - ❑ [Bileam Tschepe \(elektronaut\)](#) —————→ [Beginner course](#) (wide coverage of all the basics)
 - ❑ [Acrylicode](#) —————→ [Beginner course](#)
 - ❑ [Okamirufu Vizualizer](#)
 - ❑ [PPPANIK](#)
 - ❑ [Aurelian Ionus \(paketa12\)](#)
 - ❑ [Lake Heckaman](#)
 - ❑ [Dean Cheesman](#)
- [database of all TD tutorials](#) (something like “generative gestaltung” or “happy coding” but for TD)

Courses

- ❑ [Official courses](#), containing the fundamental and intermediate level.
- ❑ [Interactive Immersive HQ](#) - the extensive full professional training program for TD.
- ❑ Introduction to Visual programming with TouchDesigner - [The NODE institute](#)
- ❑ [Getting Started with TouchDesigner](#)



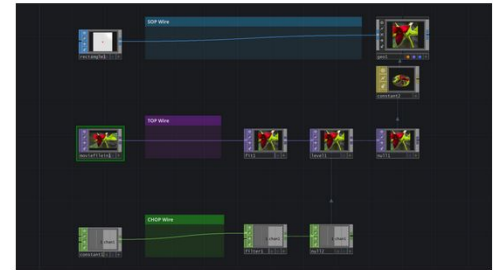
The 100 Series: TouchDesigner Fundamentals

- 101 - Navigating the Environment
 - 10 Topics
 - The User Interface
 - Using the OP Create Dialog
 - Reading Network Anatomy
 - Reading Operator Anatomy
 - Operator Wires, References & Links
 - Working with TOPs
 - Working with CHOPs
 - Working with DATs
 - Working with SOPs
 - Working with COMPs
- 102 - TOPs: Working with Images
 - 12 Topics
- 103 - CHOPs: Working With Signals
 - 11 Topics
- 104 - SOPs: Rendering 3D Scenes
 - 9 Topics
- 105 - COMPs: Organization & Outputs
 - 5 Topics

Next Lesson >

101 - Navigating the Environment

The 100 Series: TouchDesigner Fundamentals > 101 - Navigating the En...



The Grammar of TouchDesigner

Summary

Half of learning a new tool or development environment is just figuring out where all the knobs and buttons are. In this first lesson we'll focus on getting your bearings in TouchDesigner, learning the essential interface elements and controls, as well as the fundamental principles of each operator family.

Prerequisites

None

Difficulty

Beginner

Viewing Recommendation

Watch

Lesson Content

0% Complete | 0/10 Steps

 The User Interface

 Using the OP Create Dialog

Other resources

Official TD [Documentation](#) (wiki pages)

Books (recommended by TD):

- ❑ [Introduction to TD](#) (free)
- ❑ [Multimedia Programming Using Max/MSP and TouchDesigner](#) (paid)

Other:

- ❑ [Hotkeys + explanation](#)
- ❑ [Glossary of terms](#)

Matthew Ragan

- ❑ [Cheat sheet](#) of common expressions used in referencing and Python scripting
- ❑ [Keyboard shortcuts](#)
- ❑ Full courses (including videos, free)
 - ❑ [Compositional and Computational Principles for Media Arts](#)
 - ❑ [Generative Media for Live Performance](#)

Further information

- [Stable Diffusion with TD](#)
- [ComfyUI with TD](#)
- [Other similar software to TD - comparison](#)
- [linking blender and TD](#) (addon + video tutorial)