

MSP And TouchDesigner

TouchDesigner

TouchDesigner with DeRe". We Are Studio. Retrieved 2023-04-08. Lechner, Patrik (2014-11-26). Multimedia Programming Using Max/MSP and TouchDesigner. - TouchDesigner is a node-based visual programming language for real-time interactive multimedia content. Developed by the Toronto-based company "Derivative," it's often used by artists, programmers, creative coders, software designers, and performers to create performances, installations, and fixed media works.

Open Sound Control

ShowForge Sonic Pi SPAT Revolution Squeak SuperCollider Surge XT TouchDesigner TouchOSC Unreal Engine VRChat Ventuz X32ReaperAutoMate X32XLiveAutoMate - Open Sound Control (OSC) is a protocol for networking sound synthesizers, computers, and other multimedia devices for purposes such as musical performance or show control. OSC's advantages include interoperability, accuracy, flexibility and enhanced organization and documentation. Its disadvantages include inefficient coding of information, increased load on embedded processors, and lack of standardized messages/interoperability. The first specification was released in March 2002.

Deaths in 2025

and CEO of VSMPO-AVISMA (2021–2023). Aino Pervik, 93, Estonian writer. Sir George Reid, 86, Scottish politician, MP (1974–1979), MSP (1999–2007) and presiding - The following notable deaths occurred in 2025. Names are reported under the date of death, in alphabetical order. A typical entry reports information in the following sequence:

Name, age, country of citizenship at birth, subsequent nationality (if applicable), what subject was noted for, cause of death (if known), and a reference.

TI MSP430

with active basic timer and LCD driver. The more recent MSPs (MSP430FR5xx) have active mode consumption around 100-120 uA/MHz and 500 nA in low-power mode - The MSP430 is a mixed-signal microcontroller family from Texas Instruments, first introduced on 14 February 1992. Built around a 16-bit CPU, the MSP430 was designed for low power consumption, embedded applications and low cost.

Deaths in July 2025

CBF (2012–2015). Sir Jamie McGrigor, 6th Baronet, 75, Scottish politician, MSP (1999–2016), emphysema. Sasho Pargov, 79, Bulgarian footballer (Marek Dupnitsa)

2025 deaths in the United Kingdom

Christina McKelvie, 57, Scottish politician, MSP (since 2007), minister for culture (2023–2024) and drugs and alcohol policy (since 2024), breast cancer - The following notable deaths of British people occurred in 2025. Names are reported under the date of death, in alphabetical order. A typical entry reports information in the following sequence:

Name, age, citizenship at birth, nationality (in addition to British), or/and home nation, what subject was noted for, birth year, cause of death (if known), and reference.

Interactive art

source programming language for interactive computer music and multimedia works TouchDesigner – a node based visual programming language for real time interactive - Interactive art is a form of art that involves the spectator in a way that allows the art to achieve its purpose. Some interactive art installations achieve this by letting the observer walk through, over or around them; others ask the artist or the spectators to become part of the artwork in some way.

Works of this kind of art frequently feature computers, interfaces and sometimes sensors to respond to motion, heat, meteorological changes or other types of input their makers have programmed the works to respond to. Most examples of virtual Internet art and electronic art are highly interactive. Sometimes, visitors are able to navigate through a hypertext environment; some works accept textual or visual input from outside; sometimes an audience can influence the course of a performance or can even participate in it. Some other interactive artworks are considered as immersive as the quality of interaction involve all the spectrum of surrounding stimuli. Virtual reality environments like works by Maurice Benayoun and Jeffrey Shaw are highly interactive as the work the spectators – Maurice Benayoun call them "visitors", Miroslaw Rogala calls them (v)users, Char Davies "immersants" – interact with take all their fields of perception.

Though some of the earliest examples of interactive art have been dated back to the 1920s, most digital art didn't make its official entry into the world of art until the late 1990s. Since this debut, countless museums and venues have been increasingly accommodating digital and interactive art into their productions. This budding genre of art is continuing to grow and evolve in a somewhat rapid manner through internet social sub-culture, as well as through large scale urban installations.

List of Mac software

improvisation and sketching tools Jaikoz – music file mass tagger Max – Cycling 74's visual programming language for MIDI, audio, video; with MSP, Jitter Music - The following is a list of Mac software – notable computer applications for current macOS operating systems.

For software designed for the Classic Mac OS, see List of old Macintosh software.

History of Microsoft Office

2007 by creating a Windows Installer patch file (.MSP) and replacing the Custom Installation Wizard and Custom Deployment Wizard included in earlier versions - This is a history of the various versions of Microsoft Office, consisting of a bundle of several different applications which changed over time. This table only includes final releases and not pre-release or beta software. It also does not list the history of the constituent standalone applications which were released much earlier starting with Word in 1983, Excel in 1985, and PowerPoint in 1987.

ARM architecture family

handled in Thread mode). Handler mode always uses MSP and works in privileged level. The original (and subsequent) ARM implementation was hardwired without - ARM (stylised in lowercase as arm, formerly an acronym for Advanced RISC Machines and originally Acorn RISC Machine) is a family of RISC instruction set architectures (ISAs) for computer processors. Arm Holdings develops the ISAs and licenses them to other companies, who build the physical devices that use the instruction set. It also designs and licenses cores that implement these ISAs.

Due to their low costs, low power consumption, and low heat generation, ARM processors are useful for light, portable, battery-powered devices, including smartphones, laptops, and tablet computers, as well as embedded systems. However, ARM processors are also used for desktops and servers, including Fugaku, the world's fastest supercomputer from 2020 to 2022. With over 230 billion ARM chips produced, since at least 2003, and with its dominance increasing every year, ARM is the most widely used family of instruction set architectures.

There have been several generations of the ARM design. The original ARM1 used a 32-bit internal structure but had a 26-bit address space that limited it to 64 MB of main memory. This limitation was removed in the ARMv3 series, which has a 32-bit address space, and several additional generations up to ARMv7 remained 32-bit. Released in 2011, the ARMv8-A architecture added support for a 64-bit address space and 64-bit arithmetic with its new 32-bit fixed-length instruction set. Arm Holdings has also released a series of additional instruction sets for different roles: the "Thumb" extensions add both 32- and 16-bit instructions for improved code density, while Jazelle added instructions for directly handling Java bytecode. More recent changes include the addition of simultaneous multithreading (SMT) for improved performance or fault tolerance.

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