Comparison of Desktop Environments for Linux and Unix		ig Three' Desktop Enviro	onments	Desktop Environments that began as GNOME forks and tend to use GNOME apps						Qt-based Desktop Environments				Other Desktop Environments	
by Alphonse Eylenburg, maps-and-tables.blogspot.com Version 3.1 - December 2020	Xfce	KDE Plasma	GNOME	Budgie	Cinnamon	MATE	Pantheon	UKUI	Unity 7	Deepin (DDE)	Lumina	LXQt	Trinity (TDE)	Common (CDE)	Enlightenment
			GNOME™						nity						
History First release Based on/forked from Delicar d'âtre	1997 -	1998 -	1999	2013 GNOME 3	2011 GNOME 3	2011 GNOME 2	2011 GNOME 3	2016 MATE	2010 GNOME 3	2013	2012	2013 LXDE & Razor-qt	2010 KDE 3.5	1993 -	1996
Raison d'être	Originally started as a Linux clone of CDE	x Creation of a free and non- commercial desktop environment for Linux	Dismissal of KDE's use of the I Qt toolkit (proprietary license until 1999)		d Desktop environment created for the Linux Mint distribution		Desktop environment created I for the elementary OS distribution	Desktop environment created for the Ubuntu Kylin distribution		Desktop environment created for the Deepin distribution	Lightweight desktop environment originally designed for PC-BSD	Lightweight desktop environment competing with Xfce	Continuation of KDE 3 when KDE Plasma 4 was released	IBM, Sun and USL to create	Sophisticated window manager that slowly turned into a desktop environment
Corporate and government backing Politics and activism		Google, Qt Group, SUSE					Elementary Inc.	Canonical, Chinese government -	-	Union Tech 统信软件, Chinese government -	÷.		-		Samsung -
Application Suite GUI toolkit Window manager	GTK 3 Xfwm4	Qt 5 KWin	GTK 3 Mutter	GTK 3 budgie-wm	GTK 3 Muffin	GTK 3 Marco	GTK 3 Gala	Qt 5 ukui-kwin	Nux Compiz	DTK (Qt 5) dde-kwin	Qt 5 Fluxbox	Qt 5 Openbox	TQt (Qt 3) TWin	Motif dtwm	EFL Enlightenment
Window manager Preferred display manager Embedded HTML engine File Manager	LightDM - Thunar	SDDM Blink Dolphin	Mutter GDM WebKit GNOME Files (Nautilus)	budgie-wm GDM WebKit Nautilus	Muttin LightDM WebKit Nemo	Marco LightDM - Caja	Gala LightDM WebKit Pantheon Files	LightDM - Peony	LightDM WebKit	LightDM Blink Deepin File Manager	SDDM - Insight	Openbox SDDM - PCManFM-Qt	TWin TDM KHTML Konqueror	dtwm dtlogin - dtfile	Enlightenment Entrance - Enlightenment File Manager
Web browser Document/PDF viewer mage viewer & photo management	Midori - Ristretto	Falkon Okular	GNOME Web (Epiphany) Evince eog, Photos, Shotwell, gThumb	- Evince	- xreader	- Atril Eye of MATE	Epiphany Evince Pantheon Photos	-	Evince eog (Eye of GNOME)	Deepin Reader Deepin Image Viewer	Lumina PDF Viewer Lumina Image Viewer	- qpdfview LXImage	Konqueror KPDF Gwenview, digiKam, Kuickshow	- dtimage	- Ephoto
Media player (video/audio) Music library	Parole Xfmpc	Dragon, Kaffeine, KMPlayer Elisa, JuK	GNOME Videos (Totem) Music, Lollypop, Rhythmbox	eog (Eye of Ortonia)	xviewer, pix xplayer -	Eye of MATE	Pantheon Videos Pantheon Music	Kylin Video -	GNOME Videos (Totem) Rhythmbox	Deepin Image Viewer Deepin Movie Deeping Music	Lumina Image Viewer Lumina Media Player -	-	Kaffeine, KMPlayer Amarok, JuK	-	Rage Enjoy
Calendar Office suite (word processor, spreadsheets, presentation)	Orage -	Words, Sheets, Stage	Geary, Evolution GNOME Calendar, Evolution AbiWord, Gnumeric, -	- -	-	-	Pantheon Mail Pantheon Calendar -	÷.	-	Deepin Calendar -	-	-	Kmail KOrganizer KWord, KSpread, KPresenter	dtmail dtcm -	Email (experimental)
Image editing & drawing Vector graphics & diagrams Text editor	Mousepad	Krita, ShowFoto, KolourPaint Flow, Karbon Kate, KWrite	GIMP, GNU Paint Dia, Inkscape gedit	- gedit	- - xed	- Pluma	- - Pantheon Code	- Pluma	- gedit	- Deepin Editor	- Lumina Text Editor	- Featherpad	ShowFoto, KolourPaint Kchart, Kivio, Karbon Kate, KWrite, KEdit	- dtpad	- Ecrire
Terminal Calculator Archive manager	Xfce Terminal - Xarchiver	Konsole KCalc Ark	GNOME Terminal GNOME Calculator File Roller	GNOME Terminal GNOME Calculator File Roller	GNOME Terminal GNOME Calculator File Roller	MATE Terminal MATE Calculator Engrampa	Pantheon Terminal Pantheon Calculator File Roller	MATE Terminal MATE Calculator Engrampa	GNOME Terminal GNOME Calculator File Roller	Deepin Terminal Deepin Calculator Deepin Compressor	- Lumina Calculator Lumina Archiver	QTerminal - -	Konsole Kcalc Ark	dtterm dtcalc (dtfile)	Terminology Equate Epack
System monitor Other notable programs	Xfce Taskmanager Xfburn (CD burner)	Plasma System Monitor Kdenlive (video editor), Plan (project management), Kexi (database), KTorrent,	GNOME System Monitor Pitivi (video editor), Planner (project management), Polari (IRC), Empathy (IM), Boxes (virtual machines), Brasero (CD Burner), Anjuta (IDE)	÷	GNOME System Monitor	MATE System Monitor -		UKUI System Monitor -	GNOME System Monitor	Deepin System Monitor -		· ·	KSysGuard Kdenlive (video editor), KPlato (project management), Kexi (database), KTorrent, Konversation (IRC), Kopete (IM), Akregator (RSS), Kwave (sound editor), KMyMoney (personal finances), K3b (CD burner), KDevelop (IDE)	-	Exterminator EDI (IDE)
Resource use (Ubuntu 20.04, Virtualbox, 2 GB RAM) RAM use after start-up Desktop version tested	655 MB 4.14	608 MB 5.18.5	985 MB 3.36.4	989 10.5.1	993 4.4.8	639 1.24.0	563 5.1.7	910	1159 7.5.0	766 5.0	354 1.6.0	504 0.14.1	446 R14.0.8	680 2.3.2	477 0.23.1
	X11 only Yes (fractional scaling) (Xfce 4.16)		X11 + Wayland Yes (fractional scaling)	X11 only Yes (fractional scaling)	X11 only Yes (2x scaling)	X11 only Yes (2x scaling)	X11 only Yes (2x scaling)	X11 only Yes (2x scaling)	X11 only Yes (fractional scaling)	X11 only Yes (fractional scaling)	X11 only No (only font size)	X11 only No (only font size)	X11 only No (only font size)	X11 only No (only font size)	X11 + Wayland Yes (fractional scaling)
Workspace (virtual desktop) support Activities (sets of workspaces, e.g. work, leisure, gaming) Desktop icons support	Yes No Yes	Yes Yes Yes	Yes No No	Yes No Yes	Yes No Yes	Yes No Yes	Yes No No	Yes No Yes	Yes No Yes	Yes No Yes	Yes No Yes	Yes No Yes	Yes No Yes	Yes No Yes	Yes No Yes
Integration with online accounts App launcher	•	Google, Owncloud		Google, Microsoft, Nextcloud	Facebook, Flickr, Foursquare, Google, Microsoft, Nextcloud	-	Fastmail, Last.fm	-	Facebook, Flickr, Foursquare, Google, Microsoft, Nextcloud	•		•	-	-	
Design Show apps by category ("Office", "Internet",) Show all apps sorted alphabetically	Traditional menu Yes Yes	Traditional menu Yes In alternative launcher	Full screen overview Custom folders possible Yes	Traditional menu Yes Yes	Traditional menu Yes Yes	Traditional menu Yes Yes	Traditional menu Yes Yes	Traditional menu Yes Yes	Traditional menu ("dash") Category applied as filter Yes	Full screen menu ("launcher") Yes Yes	Traditional menu Yes Yes	Traditional menu Yes No	Traditional menu Yes No	Floating window Yes No	Traditional menu Yes No
Favourited/pinned apps Uninstall apps from app launcher (e.g. right click) Search apps and settings	Yes No Yes	Yes No Yes	Yes (in "Activities" dash) No	No No Yes	Yes No Yes	Yes No Yes	No No Ves	No Yes	No No	No Yes Only apps	Yes No Yes	No No Yes	No No Yes (separate searches)	No No	No No
Panel/dock			Yes				Yes	Only apps Voc (all four sides)	Yes						
Can change location Toggle between panel auto-hide and always visible Taskbar in panel is by default showing	Yes (all four sides) Yes Windows	Yes (all four sides) Yes Apps (Plasma 5.20)	No (always visible) Only active window	Yes (all four sides) Yes Apps	Yes (all four sides) Yes Windows	Yes (all four sides) Yes Windows	No Yes Apps	Yes (all four sides) No Apps	No Yes Apps	Yes (all four sides) Yes Apps	Yes (all four sides) Yes Windows	Yes (all four sides) Yes Windows	Yes (all four sides) Yes Windows	Yes (moves like window) No (but can be minimized) Only pinned apps	Yes (all four sides) Yes Windows
Toggle between showing open windows and running apps Window thumbnails Pin (inactive) apps in panel/dock/taskbar	Yes No Yes	Yes Yes Yes	No No No	No No Yes	Yes Yes Yes	Yes Yes Yes	No No Yes	Yes Yes	No No Yes	Yes Yes	Yes No Yes	Yes No Yes	Yes No Yes	No No Yes	No No Yes
Supported system tray elements Clock/date Battery status	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Battery status Network status Volume	Yes Yes	Yes Yes	Yes Yes	Yes Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes Yes	Yes Yes	No Yes	Yes Yes	Yes Yes	No No	No Yes
Keyboard layout Clipboard System and app notifications (e.g. new e-mail)	Yes No Yes	Yes Yes Yes	Yes No Yes	Yes No Yes	Yes No Yes	Yes No Yes	Yes No Yes	Yes Yes Yes	Yes No No	No No No	No No	Yes Yes Yes	Yes Yes Yes	No No No	Yes No No
Background apps in tray (e.g. cloud sync or messenger) Design Preferred style of window decorations (SSD/CSD)	Client-side (Xfce 4.16)	Yes Common side decorations	Client-side decorations	Yes Client-side decorations	Yes Commerciale decorations	Yes Commentation decorations	No No	Client side decorations	No Server-side decorations	Client side decorations	Yes Accorations	Client side decorations	Yes Server-side decorations	No No	No No
In-window menubars Global menubar* (like macOS) Theme support*	Yes (default) Not possible Yes	Yes (default) Yes (possible) Yes	typically Hamburger menus Not possible No	Yes (possible) Yes	Yes (default) Not possible Yes	Yes (possible) Yes	typically Hamburger menus Not possible No	Yes (default) Not possible Yes	Yes (possible) Yes (default) Yes	Yes (default) Not possible Yes	Yes (default) Not possible Yes	Yes (default) Not possible Yes	Yes (default) Yes (possible) Yes	Yes (default) Not possible Color and font only	Yes (default) Not possible Yes
Scheduled theme switch* (e.g. dark theme after sunset) Night light* ("redshift") *without extension Window management	No Yes (v4.16)	No Yes	No Yes	No Yes	No No	No No	No Yes	No Yes	No No	No No	No	No No	No No	No No	No No
Maximize (without hiding panel/dock/taskbar) Fullscreen (hides panel and other elements) Minimize	Yes Yes (right-click) Yes	Yes Yes (right-click) Yes	Yes (right-click) keyboard shortcut only Yes (right-click)	Yes keyboard shortcut only Yes	Yes keyboard shortcut only Yes	Yes keyboard shortcut only Yes	Yes keyboard shortcut only Yes (right-click)	Yes No Yes	Yes keyboard shortcut only Yes	Yes No Yes	Yes keyboard shortcut only Yes	Yes keyboard shortcut only Yes	Yes Yes (right-click) Yes	No (panel will be covered) Yes Yes	Yes Yes (right-click) Yes
Show desktop (minimize all windows) Window minimize by default to Keep on top	Yes Taskbar Yes (right-click)	Yes Taskbar Yes (right-click)	keyboard shortcut only "Activities" overview Yes (right-click)	Yes Dock Yes (right-click)	Yes Taskbar Yes (right-click)	Yes Taskbar Yes (right-click)	No Dock Yes (right-click)	Yes Taskbar No	keyboard shortcut only Taskbar Yes (right-click)	keyboard shortcut only Dock No	Yes Taskbar Yes (right-click)	Yes Taskbar Yes (right-click)	Yes Taskbar Yes (right-click)	No Desktop icon No	keyboard shortcut only Taskbar Yes (right-click)
Move to other workspace (virtual desktop) Show on all workspaces (virtual desktops)	Yes (right-click) Yes (right-click)	Yes (right-click) Yes	Yes (right-click) Yes (right-click)	Yes (right-click) Yes (right-click)	Yes (right-click) Yes (right-click)	Yes (right-click) Yes (right-click)	Yes (right-click) Yes (right-click)	drag & drop in taskview No	Yes (right-click) Yes (right-click)	keyboard shortcut only No	Yes (right-click) Yes (right-click) Yes (right-click)	Yes (right-click) Yes (right-click)	Yes (right-click) Yes (right-click)	Yes (right-click) Yes (right-click) No	Yes (right-click) Yes (right-click)
Tile windows by moving to screen edge Move windows using Alt + Left Click Resize windows using Alt + Right Click Show all windows (expect)	Yes (½ or ¼ screen) Yes Yes	Yes (½ or ¼ screen) Yes Yes Yes	Yes (½ screen) Super + Left Click Super + Right Click Yes (surrent workspace)	Yes (½ screen) No No	Yes (½ or ¼ screen) Yes Yes Yes	Yes (½ or ¼ screen) Yes Yes	Yes (½ screen) No No Vos	Yes (½ or ¼ screen) No No No Ves (surrent workspace)	Yes (½ screen) Yes No	Yes	Yes	Yes Yes	Yes Yes	No Yes No	Yes (½ or ¼ screen) Yes Alt + Middle Click
Show all windows (exposé) Show all workspaces (virtual desktop grid) Virtual desktop cube	No No No	Yes Yes Yes	Yes (current workspace) No No	No No No	Yes Yes No	No No No	Yes No No	Yes (current workspace) Yes No	keyboard shortcut only No No	Yes Yes No	No No	No No No	No No No	No No No	No No No
File manager Icon/columns/tree view Tabs	Yes/Yes/in side panel Yes	Yes/Yes/Yes Yes	Yes/Yes/No Yes	Yes/Yes/No Yes	Yes/Yes/in side panel Yes	Yes/Yes/in side panel Yes	Yes/Yes/Yes Yes	Yes/Yes/in side panel Yes	Yes/Yes/in side panel Yes	Yes/Yes/No Yes	Yes/Yes/in side panel Yes	Yes/Yes/in side panel Yes	Yes/Yes/Yes Yes	Yes/Yes/Yes No	Yes/Yes/No No
Split/dual-pane view Toggle to show/hide hidden files Sort by: name/type/size/date	No Yes Yes/Yes/Yes	Yes Yes Yes Yes/Yes/Yes	No Yes Yes/Yes/Yes	No Yes Yes/Yes/Yes	Yes Yes Yes Yes/Yes/Yes	Yes Yes Yes Yes/Yes/Yes	No Yes Yes/Yes/Yes	No Yes Yes/Yes/Yes	Yes Yes Yes Yes/Yes/Yes	No Yes Yes/Yes/Yes	Yes Yes Yes Yes/Yes/Yes	Yes Yes Yes Yes/Yes/Yes	Yes Yes Yes Yes/Yes/Yes	No No Yes Yes/Yes/Yes	No Yes Yes/Yes/Yes
Thumbnail support Thumbnail support in filepicker (open/save file dialogue) Type-ahead find	Yes No Yes	Yes Yes Yes	Yes No No	Yes No No	Yes No Yes	Yes No Yes	Yes No Yes	Yes No Yes	Yes No Yes	Yes Yes Yes	Yes No Yes	Yes Yes Yes	Yes Yes Yes	No No No	Yes No Yes
Filter files in active folder Recursive search Drag-and-drop to desktop (without modifier keys)	No Yes Yes (will move)	Yes Yes Yes (ask if move/copy/link)	No Yes No	No Yes Yes (will move)	No Yes Yes (will move)	No Yes Yes (will move)	No Yes No	No Yes Yes (will move)	No Yes Yes (will move)	No Yes Yes (will move)	No Yes Yes (copy/move inconsistent)	Yes Yes Yes (ask if move/copy/link)	Yes Yes Yes (ask if move/copy/link)	Yes Yes Yes (creates link)	No No Yes (will move)
Drag-and-drop between folders (without modifier keys) Undo rename or deletion with Ctrl+Z Duplicate file options	Yes (will move) No Keep new/old	Yes (ask if move/copy/link) Yes (ask if move/copy/link) Yes/Yes Keep new/old/rename		Yes (will move) Yes/Yes Keep new/old/rename	Yes (will move) Yes/Yes Keep new/old/rename	Yes (will move) Yes/Yes Keep new/old/rename	Yes (creates link) Yes/Yes Keep new/old/rename	Yes (will move) Yes/Yes Keep new/old/rename	Yes (will move) Yes/Yes Keep new/old/rename	Yes (will move) Yes/Yes Keep new/old/rename		Yes (ask if move/copy/link) No/No Keep new/old/rename		Yes (will move) No Keep new/old/rename	Yes (will move) No Automatically renames
Create new empty file Compress files	Yes Yes	Yes Yes	only from ~/Templates Yes	only from ~/Templates Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	Yes No	Yes No
Select multiple files with Ctrl and Shift Invert selection Open file with (select app) Edit, copy or paste folder location	Yes Yes Yes Yes	Yes Yes Yes Yes	Yes keyboard shortcut only Yes keyboard shortcut only	Yes keyboard shortcut only Yes keyboard shortcut only	Yes Yes Yes Yes	Yes Yes Yes Yes	Yes No Yes Yes	Yes No Yes Only copy	Yes Yes Yes Yes	Yes No Yes keyboard shortcut only	Yes No Yes Yes	Yes Yes Yes Yes	Yes Yes Yes Yes	No No No No	Yes No Yes Only copy
Distribution support Reference distribution (closest to upstream)	-	KDE Neon	Fedora or GNOME OS	Solus	Linux Mint	-	elementary OS	Ubuntu Kylin	Ubuntu Unity Remix	Deepin	Project Trident	-	Q4OS		_
Number of supporting active distributions (Distrowatch.com)	95 option during installation default in Xubuntu	53 option during installation	74 pre-selected at installation default desktop (modified)	12 available default in Ubuntu Budgie	29 option during installation available	51 option during installation default in Ubuntu MATE	3	n/a (1) available default in Ubuntu Kylin	no binaries available available	no binaries available via 3rd party repository	via 3rd party repository via 3rd party repository	27 option during installation default in Lubuntu	via 3rd party repository via 3rd party repository	n/a via 3rd party repository via 3rd party repository	19 available available
Mint Fedora Red Hat Enterprise Linux / CentOS	default in Xfce Edition default in Xfce Spin	via Ubuntu repository default in KDE Spin	via Ubuntu repository		default in Cinnamon Edition	default in MATE Edition default in MATE Spin	via elementary OS repo available	via Ubuntu repository no binaries available	via Ubuntu repository no binaries available	via 3rd party repository available		via Ubuntu repository default in LXQt Spin	via 3rd party repository via 3rd party repository	no binaries available via 3rd party repository	via Ubuntu repository available
Mageia Slackware	option during installation	pre-selected at installation pre-selected at installation	option during installation via 3rd party repository	no binaries available no binaries available	option during installation via 3rd party repository	via 3rd party repository		no binaries available no binaries available no binaries available	no binaries available no binaries available no binaries available	no binaries available no binaries available no binaries available	no binaries available available as SlackBuild		via 3rd party repository via 3rd party repository via 3rd party repository		no binaries available available available as SlackBuild
OpenSUSE Gentoo	available	pre-selected at installation available	available	via SUSE Package Hub available available	available available	via SUSE Package Hub available available	no binaries available available available	no binaries available no binaries available no binaries available	no binaries available no binaries available via 3rd party repository	no binaries available available available	no binaries available available in OBS available	no binaries available option during installation available	via 3rd party repository via 3rd party repository available	available in OBS no binaries available	via SUSE Package Hub available available
Arch FreeBSD Solaris	available available no binaries available	available available no binaries available	available available default desktop	available no binaries available no binaries available	available available no binaries available	available available no binaries available	available in AUR no binaries available no binaries available	available no binaries available no binaries available	via 3rd party repository no binaries available no binaries available	available no binaries available no binaries available	available in AUR available no binaries available	available available no binaries available	via 3rd party repository no binaries available no binaries available	available in AUR available no binaries available	available available no binaries available
Usage share (estimate) GamingOnLinux.com - User Statistics	11.3%	31.0%	30.6%	1.3%	8.7%	3.8%	0.7%	n/a	1.3%	0.3%	n/a	0.9%	n/a	n/a	0.2%
Arch - Installations Debian - Installations Ubuntu - Installations	18.9% 14.1% 4.7%	34.4% 9.8% 9.6%	27.5% 23.7% 6.5%* *vanilla GNOME (gnome-shell)	1.5% 0.1% 0.0%	6.7% 5.0% 0.4%	7.1% 6.8% 0.2%	0.0% n/a 0.0%	0.2% 0.1% 0.0%	0.0% n/a 23.8%	5.0% 0.2% 0.0%	0.1% n/a 0.0%	2.8% 1.6% 1.0%	0.2% n/a 0.0%	0.1% n/a n/a	1.7% n/a 0.5%

Other active or experimental desktop environments for Linux/Unix (examples): Using EFL:

Using Flutter:

Using GTK:

Using Qt:

Using Motif:

Using GNUstep:

Not for X11 or Wayland:

Not for X11 or Wayland:

Using GNUstep / OpenStep:

For AmigaOS-like operating systems:

Using FLTK:

Using GTK:

For Haiku:

For OpenVMS:

For RISC OS:

Moksha (fork of Enlightenment, used in Bodhi Linux) Pangolin Desktop UI (used in dahliaOS)

Xfce

Nextspace

Endless Shell (fork of GNOME, used in Endless OS), JADE, Manokwari (fork of GNOME, used in BlankOn Linux), Pearl DE (employing Compiz, used in Pearl Linux), Sugar, Regolith (employing i3, used in Regolith Linux), XFast Maxx Interactive

Budgie

Draco DE (fork of Lumina), Liri Shell (used in Liri OS), NX Desktop (fork of KDE Plasma, used in Nitrux), the Shell Fvwm-Crystal (based on Fvwm window manager), nsCDE (based on Fvwm window manager)

KDE Plasma

Aqua (used in macOS), Aura Shell (used in Chrome OS), Durden (for Arcan display server), egmde (for Mir display server)

Stand-alone window managers for Linux/Unix (examples): Stacking and compositing window managers: 2bwm, 9wm, AfterStep, amiwm, berry, Blackbox, Compiz, CTWM, cwm, eggwm, evilwm, Fluxbox, Flwm, Fvwm, Sawfish, Scwm, sowm, swm, TinyWM, twm, tvtwm, ukwm, UWM, vwm, vtwm, Wind, WindowMaker, WindowLab, wm2 Tiling and dynamic window managers:

Alopex, awesome, Bspwm, dwm, echinus, EXWM, FrankenWM, Herbstluftwm, i3, Ion, Larswm, NotionWM, Qtile, Ratpoison, spectrwm, StumpWM, subtle, Sway, Velox, Wingo, WMFS2, wmii, xmonad Active smartphone GUIs for Linux/Unix (examples):

Unity 7

UKUI

Trinity (TDE)

Enlightenment

LXQt

Tizen UI (using Enlightenment window manager) Using EFL: Using GTK: Hildon (used in Maemo Leste), Phosh (used in PureOS) Using Qt:

Glacier UX (used in Nemo Mobile), KDE Plasma Mobile, Lomiri (successor of Unity 7, used in Ubuntu Touch), Luna Next (used in Open webOS), Sailfish UI (used in Sailfish OS) Gaia (used in KaiOS and its predecessor Firefox OS), Springboard (used in iOS/iPadOS), various Android as well as customs Uls by manufacturers such as Asus, HTC, Huawei, LG, Meizu, OnePlus, OPPO, Samsung, Sony, Xiaomi)

Discontinued or dormant desktop environments for Linux/Unix (examples):

Using Motif: IRIX Interactive Desktop (used in IRIX), HP VUE (used in HP-UX) Using OLIT/Xview: Using Qt: Using Xlib/XCB: Unix DE (UDE)

Equinox (EDE)

OpenTracker

DECWindows

Etoile, NeXTSTEP Desktop

openlook (fork of Open Windows), Open Windows (used in Solaris) Elokab, Hawaii, Innova, Kuartet, MoonlightDE, OPIE, Papyros, Razor-qt (predecessor of LXQt)

Consort, GPE (for smartphones), Java Desktop System (fork of GNOME, used in Solaris), LXDE (predecessor of LXQt), Maynard, Mezzo, ROX Desktop, Vera

GNOME

Fvwm-Nightshade (based on Fvwm window manager), Project Looking Glass (using Java 3D) Active desktop environments for non-Linux/Unix operating systems (examples):

> Pinboard Orbital (used in Redox OS), rio (used in 9legacy, 9front, Harvey OS etc), Screen (used in QNX), wm (used in Inferno), XaAES (used in FreeMiNT) Windows Shell (used in Microsoft Windows), ReactOS Explorer (used in ReactOS), Workplace Shell (used in ArcaOS) Bluebottle GUI, DexOS GUI, Ermine (used in Fuchsia), Ghost GUI, HelenOS GUI, KolibriOS GUI, MenuetOS GUI, Sculpt (used in Genode), SerenityOS GUI, SymbOS GUI, Visopsys GUI, Yutani (used in ToaruOS)

Workbench (used in AmigaOS), Ambient (used in MorphOS), Magellan (used in Icaros), Wanderer (used in AROS)

For Unix-like operating systems: For Windows-like operating systems: For research and hobbyist systems: