

30 Jahre KDE

Tübix,
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Über mich

- KDE-Entwickler seit 2011
- Von 2018 bis 2020 Vollzeit für KDE entwickelt
- Jahrelange Erfahrung mit Qt auf Desktop, Mobile, Embedded
- Benachrichtigungszentrum
- Plasma Browser Integration
- invent.kde.org/broulik – github.com/kbroulik



Was ist KDE?

»KDE ist eine weltweite Gemeinschaft von Programmierern, Künstlern, Autoren, Übersetzern und Unterstützern, die sich der Entwicklung von Freier Software verschrieben haben. KDE veröffentlicht die Plasma-Arbeitsumgebung, hunderte von Anwendungen und viele Bibliotheken als Grundlage.«

Historie

UNIX

1969

Free Software



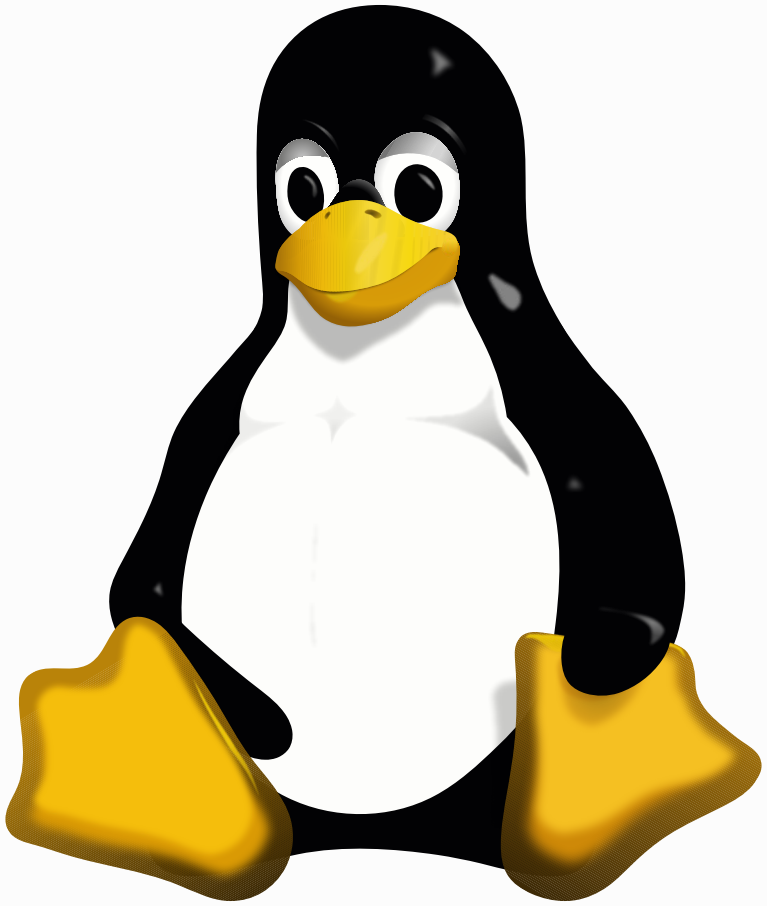
1984

X11



1987

Linux



1991



1995

The Kool Desktop Environment



1996



The Kool Desktop Environment

- Grafische Benutzeroberfläche für Endanwender
  - Nicht zur Systemadministration, dafür gibt es CLI und Skripte
  - Surfen, Briefe schreiben, Spiele spielen
- Einheitliches Erscheinungsbild und Verhalten
  - Nicht nur Window Manager oder Widget-Framework
  - Qt als Basis



GNOME™

1997



1997

KDE e.V.

- K Desktop Environment e.V.
  - Gemeinnütziger Verein, rechtliche Einheit hinter KDE
  - 5 Vorstandsmitglieder
  - 11 Mitarbeiter (Buchhaltung, Marketing, Events, Software-Entwicklung, Doku)
  - < 1 Mio. € Budget

KDE Free Qt Foundation

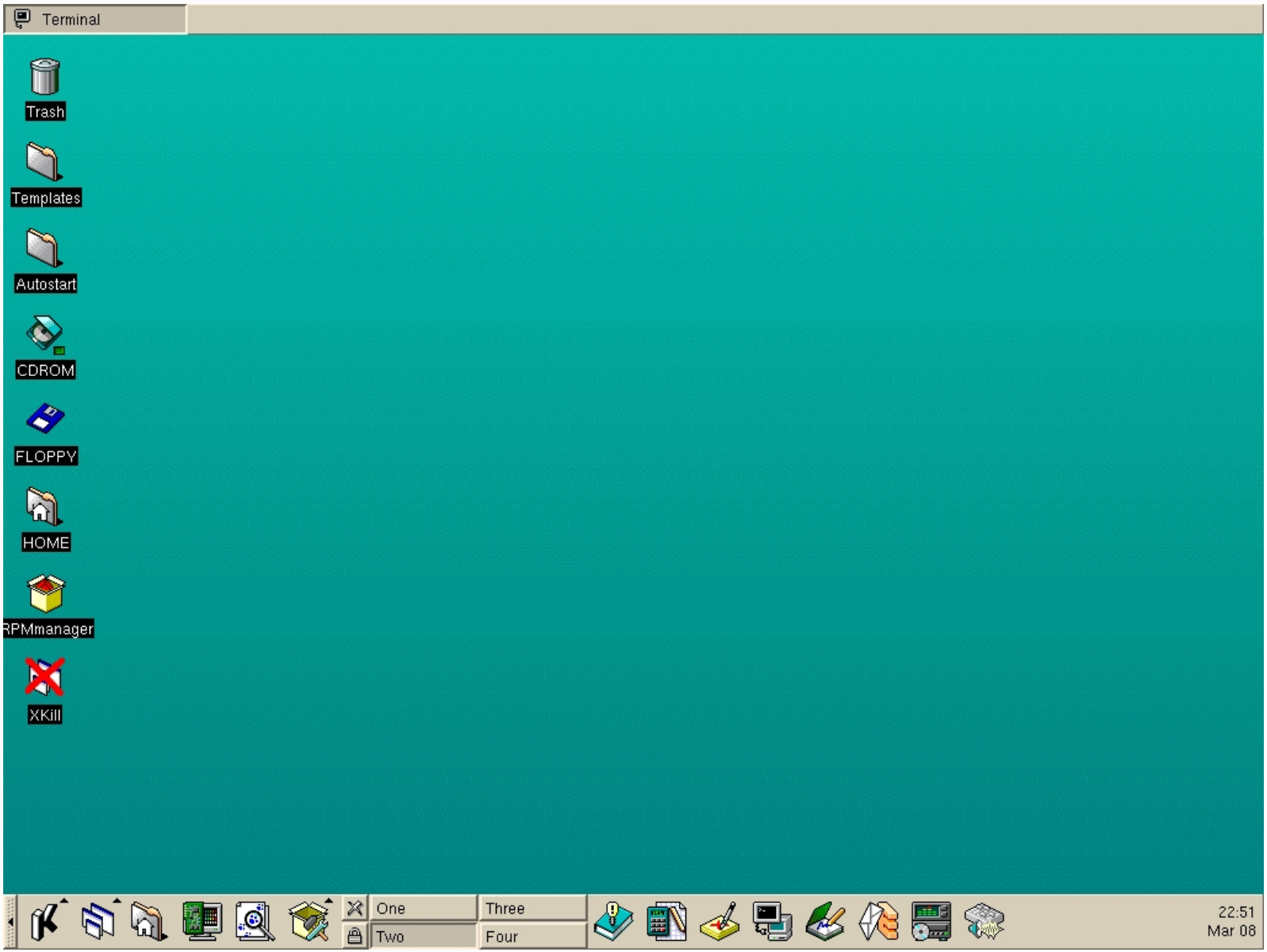
1998



KDE Free Qt Foundation

- Stellt die freie Verfügbarkeit von Qt sicher
  - Ursprünglich mit Trolltech
  - Weitergeführt von Nokia, Digia, Qt Group
- Alle Teile von Qt müssen unter GPLv3 verfügbar sein
  - Spätestens 12 Monate nach Veröffentlichung

KDE 1.0


Terminal
Trash
Templates
Autostart
CDROM
FLOPPY
HOME
RPMmanager
XKill
One
Two
Three
Four
22:51
Mar 08

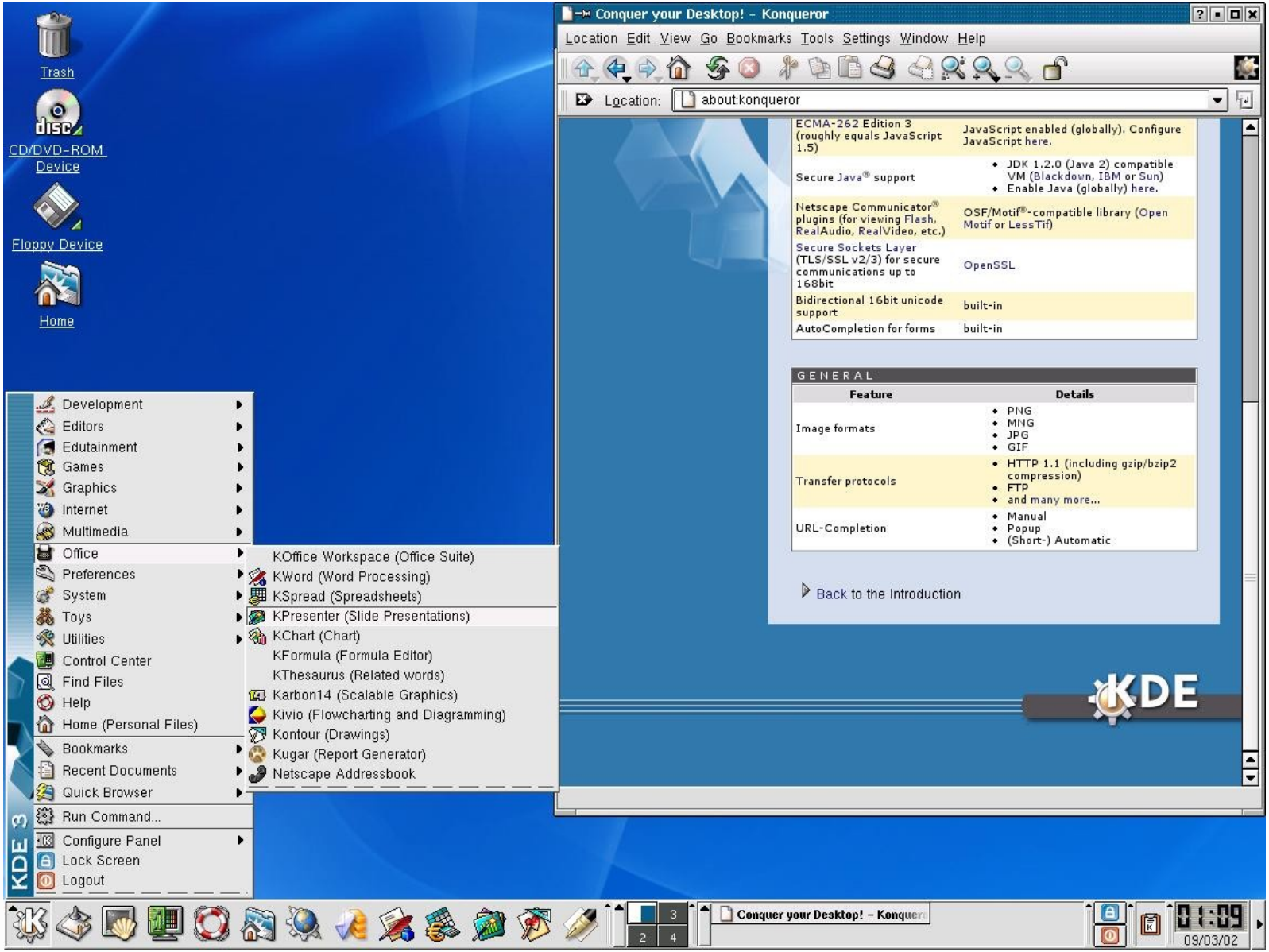
1998

KDE 2.0


Trash
Home
Conquer your Desktop! - Konqueror
Location Edit View Go Bookmarks Tools Settings Window Help
Location
Please enter a term or an address to be searched on the Internet.
Konqueror
Introduction | Tips | Specifications
Introduction
Welcome to Konqueror 2.2.2.
With Konqueror you have your filesystem at your command, browsing local or networked drives with equal ease. Thanks to the component technology used throughout KDE 2, Konqueror is also a full featured, easy to use and comfortable Web Browser, which you can use to explore the Internet.
Simply enter the Internet address (e.g. http://www.kde.org) of the web page you want and press Enter, or choose one of the entries in your Bookmarks menu. If you want to go back to the previous web page, press the button ("Back") in the toolbar. To go back to the home directory of your local filesystem press ("Home"). For more detailed documentation on Konqueror click here.
Tuning Tip: If you want the Konqueror web browser to start faster, you can turn off this information screen by clicking here. You can re-enable it by choosing the Help -> Konqueror Introduction menu option, and then pressing Window -> Save View Profile "Web Browsing".
Editors
Internet
Preferences
System
Toys
Utilities
Control Center
Help
Home Directory
Bookmarks
Recent Documents
Quick Browser
Run Command...
Configure Panel
Lock Screen
Logout
File Browsing
Information
Look & Feel
Network
Peripherals
Personalization
Power Control
Sound
System
Web Browsing
Conquer your Desktop! - Konqueror
03:10
2010-04-19

2000

KDE 3.0


Trash
CD/DVD-ROM Device
Floppy Device
Home
Development
Editors
Edutainment
Games
Graphics
Internet
Multimedia
Office
Preferences
System
Toys
Utilities
Control Center
Find Files
Help
Home (Personal Files)
Bookmarks
Recent Documents
Quick Browser
Run Command...
Configure Panel
Lock Screen
Logout
KDE 3
KOffice Workspace (Office Suite)
KWord (Word Processing)
KSpread (Spreadsheets)
KPresenter (Slide Presentations)
KChart (Chart)
KFormula (Formula Editor)
KThesaurus (Related words)
Karbon14 (Scalable Graphics)
Kivio (Flowcharting and Diagramming)
Kontour (Drawings)
Kugar (Report Generator)
Netscape Addressbook
Conquer your Desktop! - Konqueror
Location Edit View Go Bookmarks Tools Settings Window Help
Location: about:konqueror
ECMA-262 Edition 3 (roughly equals JavaScript 1.5)
JavaScript enabled (globally). Configure JavaScript here.
Secure Java® support
JDK 1.2.0 (Java 2) compatible VM (Blackdown, IBM or Sun)
Enable Java (globally) here.
Netscape Communicator® plugins (for viewing Flash, RealAudio, RealVideo, etc.)
OSF/Motif®-compatible library (Open Motif or LessTif)
Secure Sockets Layer (TLS/SSL v2/3) for secure communications up to 168bit
OpenSSL
Bidirectional 16bit unicode support
built-in
AutoCompletion for forms
built-in
GENERAL
Feature
Details
Image formats
PNG
MNG
JPG
GIF
Transfer protocols
HTTP 1.1 (including gzip/bzip2 compression)
FTP
and many more...
URL-Completion
Manual
Popup
(Short-) Automatic
Back to the Introduction
KDE
Conquer your Desktop! - Konquer
09/03/02

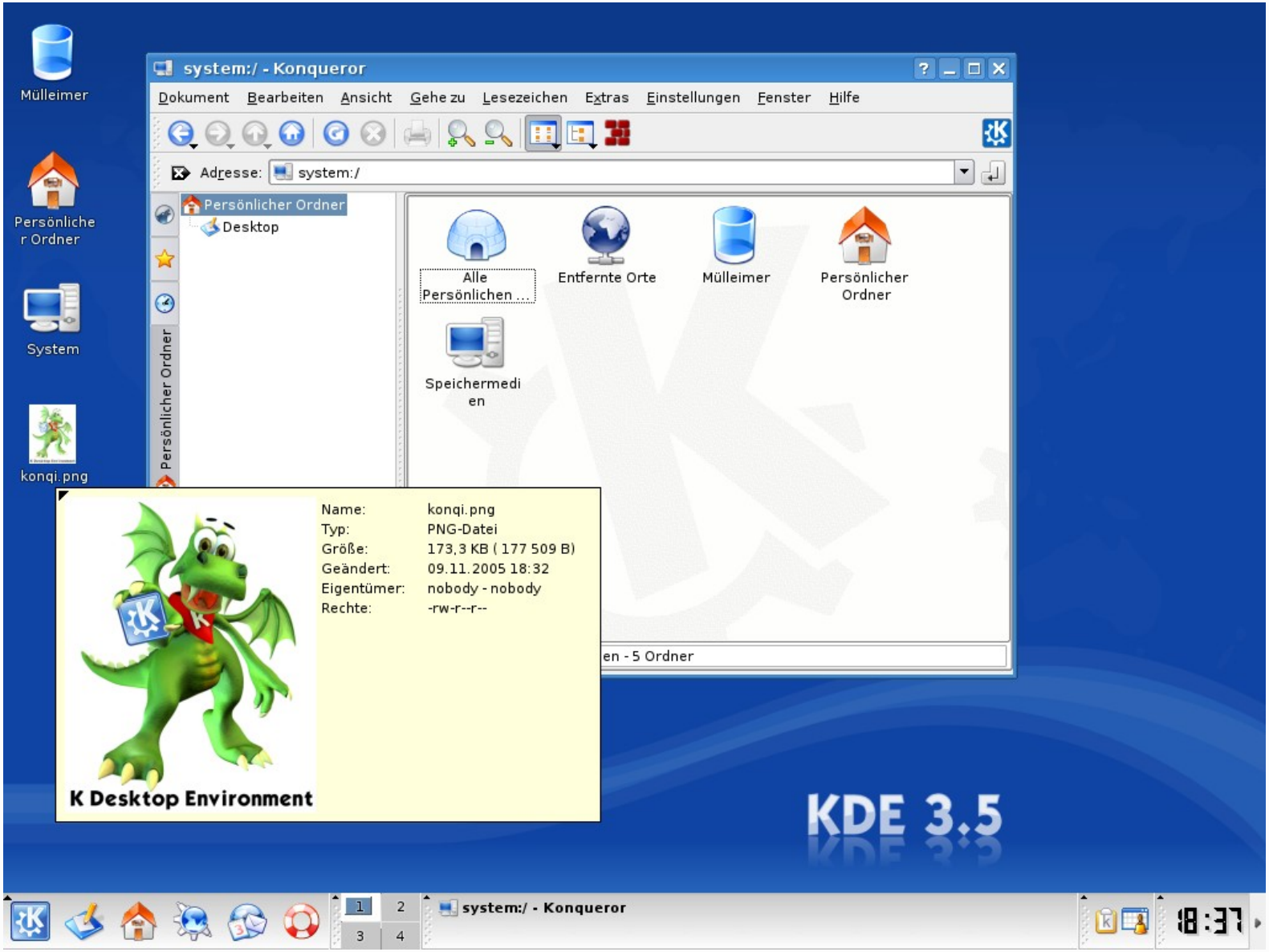
2002

1. Akademy



2004

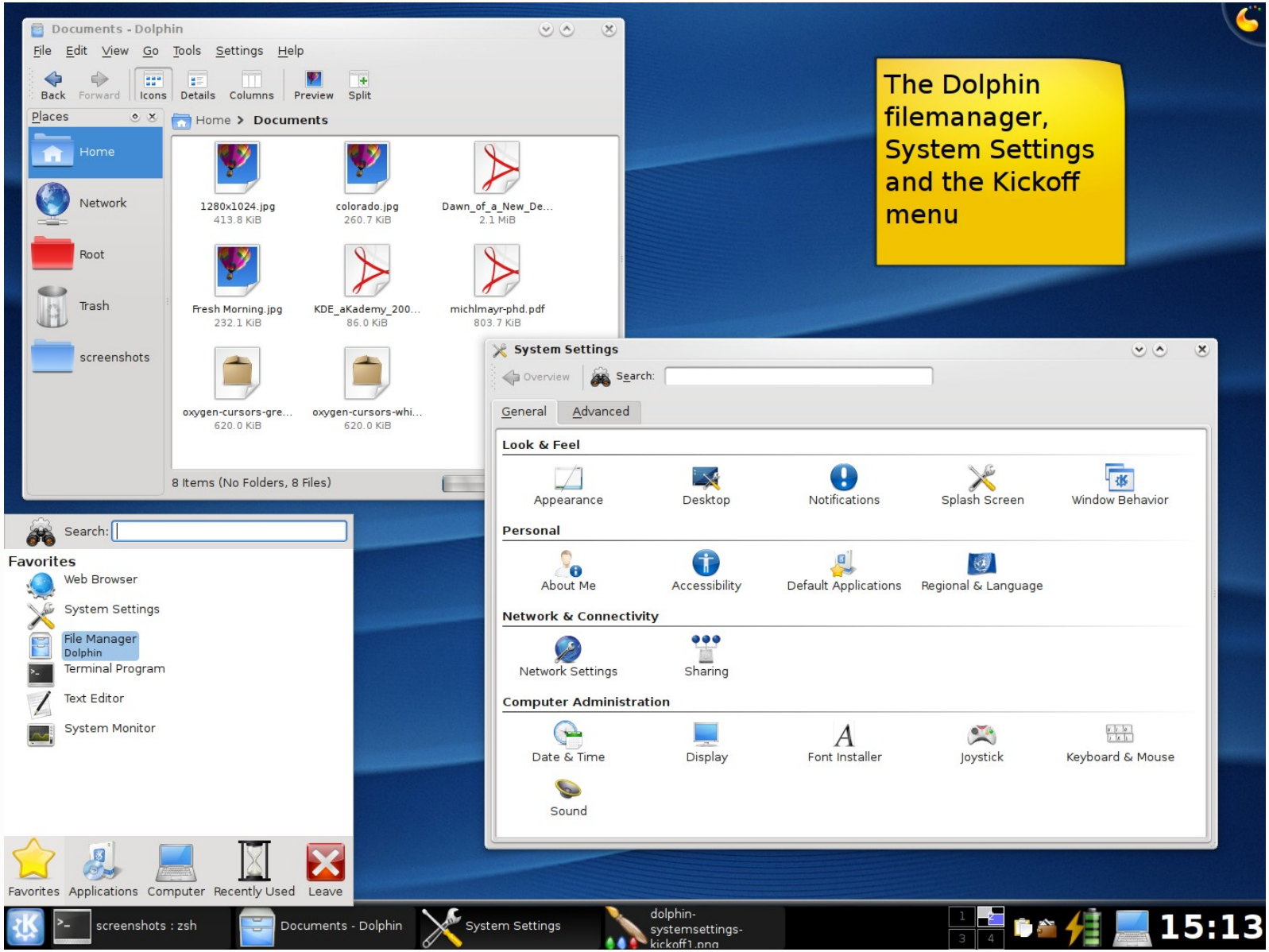
KDE 3.5


Mülleimer
Persönliche r Ordner
System
konqi.png
system:/ - Konqueror
Dokument Bearbeiten Ansicht Gehe zu Lesezeichen Extras Einstellungen Fenster Hilfe
Adresse: system:/
Persönlicher Ordner
Desktop
Persönlicher Ordner
Alle Persönlichen ...
Entfernte Orte
Mülleimer
Persönlicher Ordner
Speichermedien
Name: konqi.png
Typ: PNG-Datei
Größe: 173,3 KB (177 509 B)
Geändert: 09.11.2005 18:32
Eigentümer: nobody - nobody
Rechte: -rw-r--r--
K Desktop Environment
en - 5 Ordner
KDE 3.5
1 2 3 4
system:/ - Konqueror
18:37

2005



KDE 4.0


Documents - Dolphin
File Edit View Go Tools Settings Help
Back Forward Icons Details Columns Preview Split
Places
Home
Network
Root
Trash
screenshots
Home > Documents
1280x1024.jpg 413.8 KiB
colorado.jpg 260.7 KiB
Dawn_of_a_New_De... 2.1 MiB
Fresh Morning.jpg 232.1 KiB
KDE_aKademy_200... 86.0 KiB
michlmayr-phd.pdf 803.7 KiB
oxygen-cursors-gre... 620.0 KiB
oxygen-cursors-whi... 620.0 KiB
8 Items (No Folders, 8 Files)
The Dolphin filemanager, System Settings and the Kickoff menu
System Settings
Overview
Search:
General
Advanced
Look & Feel
Appearance
Desktop
Notifications
Splash Screen
Window Behavior
Personal
About Me
Accessibility
Default Applications
Regional & Language
Network & Connectivity
Network Settings
Sharing
Computer Administration
Date & Time
Display
Font Installer
Joystick
Keyboard & Mouse
Sound
Search:
Favorites
Web Browser
System Settings
File Manager
Dolphin
Terminal Program
Text Editor
System Monitor
Favorites
Applications
Computer
Recently Used
Leave
screenshots : zsh
Documents - Dolphin
System Settings
dolphin-systemsettings-kickoff1.png
15:13

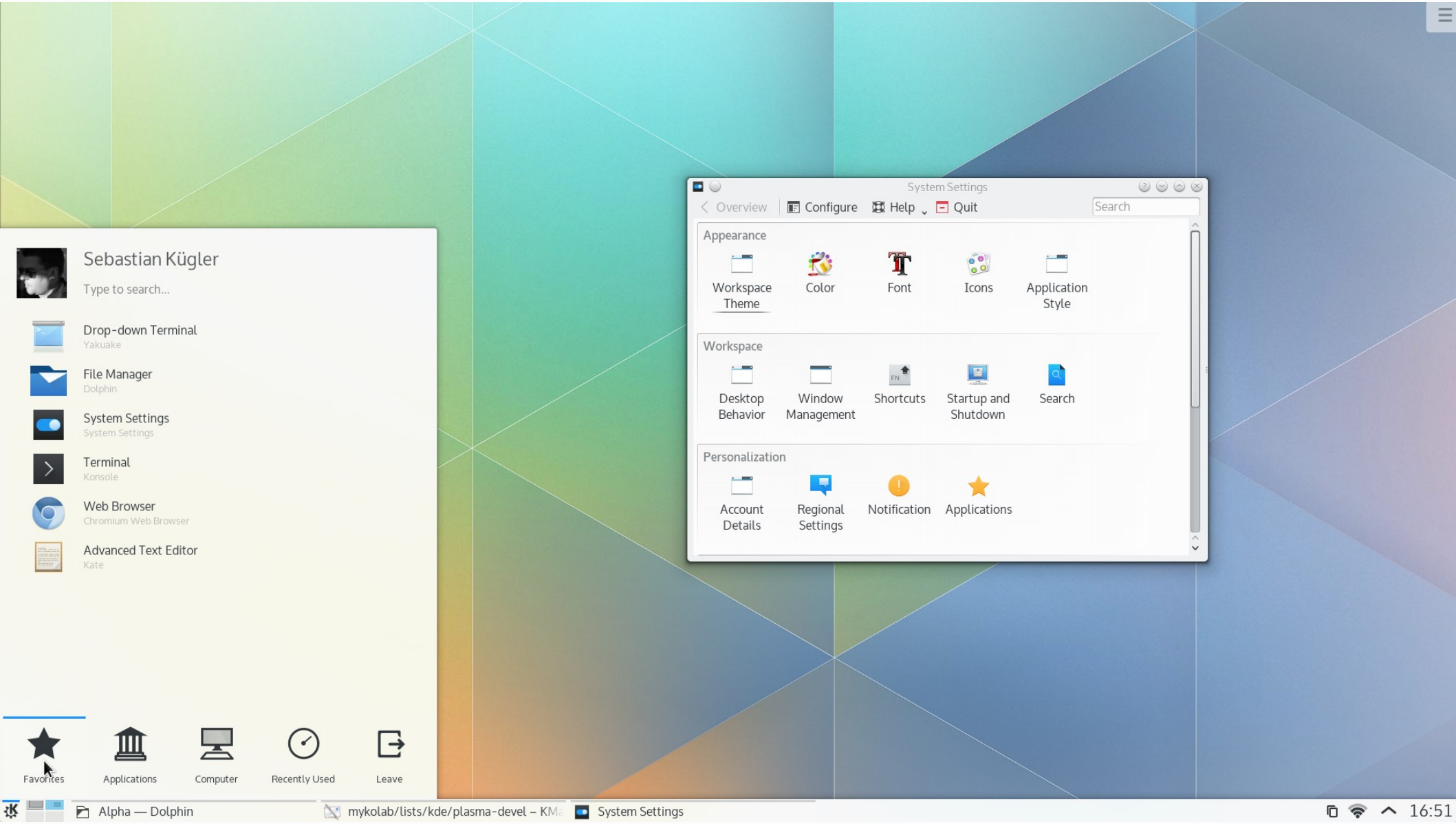
2008

KDE = Community



2009

Plasma 5



2014

KDE Slimbook



2017

KDE Eco

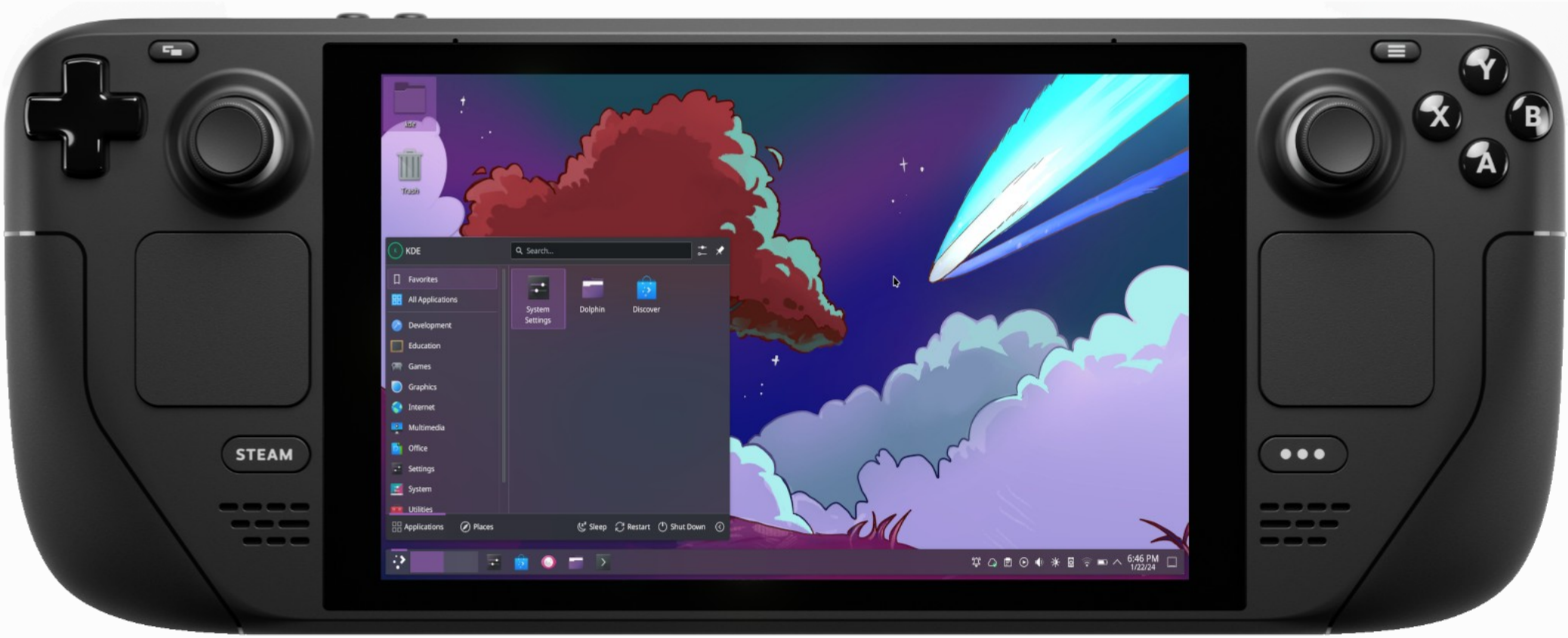


2021

KDE Eco

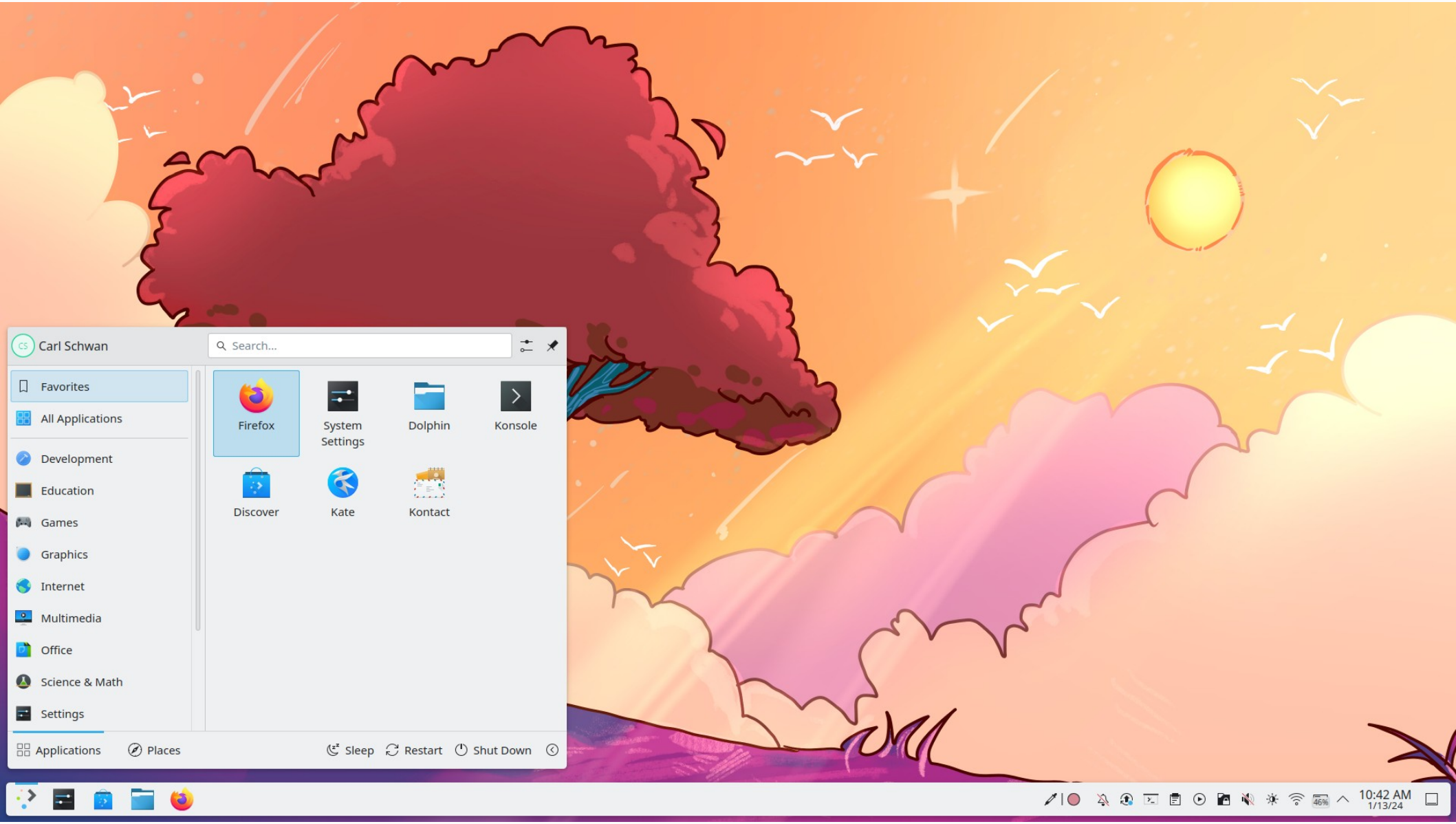
- Nachhaltige Software
  - Okular (Dokumentenbetrachter) als erstes Software-Produkt überhaupt mit „Blauer Engel“-Umweltzeichen ausgezeichnet
  - http://eco.kde.org/
  - Keine Bloatware, keine Werbung, kein vorzeitiges Ersetzen von Hardware, Verwendung offener Standards, u.v.m.
  - CI-Pipeline, die Stromverbrauch misst
- https://endof10.org/
  - Kampagne zum Support-Ende von Windows 10

Steam Deck™



2022

Plasma 6



2024

Wie arbeitet KDE?

- GitLab invent.kde.org
  - CI/CD
- Verlässliches Release-Schedule
- Bugzilla bugs.kde.org
- Matrix, IRC, Mailing-Listen

- community.kde.org/Get_Involved

KDE für ...

- kde.org/for
  - Digital Sovereignty
  - Creators
  - Scientists
  - Activists
  - Developers
  - Gamers
  - Kids
  - Students
  - Travelers
  - Windows 10 Exiles

Ausblick

Akademy 2026 in Graz

19.–24. September, TU Graz





Plasma 6.8
Wayland-only



KDE Linux



Auswahlprozess für die 4. Runde gestartet

Auf die nächsten 30 Jahre!

