

17 lat z GNU/Linuksem na telefonie

by dos

# Rok -2 i -1 (2006 i 2007)

- Sean Moss-Pultz ogłasza OpenMoko
  - 7 listopada 2006, Amsterdam

# Rok -2 i -1 (2006 i 2007)

- Sean Moss-Pultz ogłasza OpenMoko
  - 7 listopada 2006, Amsterdam
- Steve Jobs ogłasza iPhone
  - 9 stycznia 2007, San Francisco

# Rok 1 (2008)

- Android?
- Neo Freerunner?



# Rok 1 (2008)



# Neo Freerunner

- Samsung S3C2442 armv4t 400 MHz
- 128 MB RAM
- 256 MB NAND + 2MB NOR + microSD
- 480x640 2.84"
- SMedia Glamo 3362 GPU
- TI Calypso
- WiFi, Bluetooth, GPS, 2 akcelerometry, WM8753
- bateria kompatybilna z BL-6C
- USB 1.1 device/host



środa, 30. lipiec 2008



All



**Image Gallery**

GPE Image Gallery



**Inertia**

Play Inertia.



**INSTALLER**

Assassin Openmoko Installer



**kobodeluxe**

Fast-paced 2D top-down shooter w...



**Komunikator Internetowy ...**

Komunikator internetowy obsługuj...



**Kontakty**

Książka adresowa





- Dialer
- Contacts
- Messages
- May 2008
- Media Player



Sunday, 25. May 2008



-3.2

CE	C	÷	×
7	8	9	+
4	5	6	-
1	2	3	=
0	.	±	





Nowy



Usuń



Powiększ

[AlsaMixer v1.0.15 (Press Escape to quit)]

Card: neo1973-gta02

Chip:

View: [Playback] Capture All

Item: Headphone

Linear C

MM

100 <-> 100

<Headphon> Headphon Bass Bass Boo



## Preview

Save Screenshot

Preview

Options

Save to file:

/home/root/Screenshot-3.jpg Browse...

Upload to http://scap.linuxtogo.org

Anuluj Zapisz

## Options

Save to file:

/home/root/Screenshot-3.jpg Browse...

Upload to http://scap.linuxtogo.org

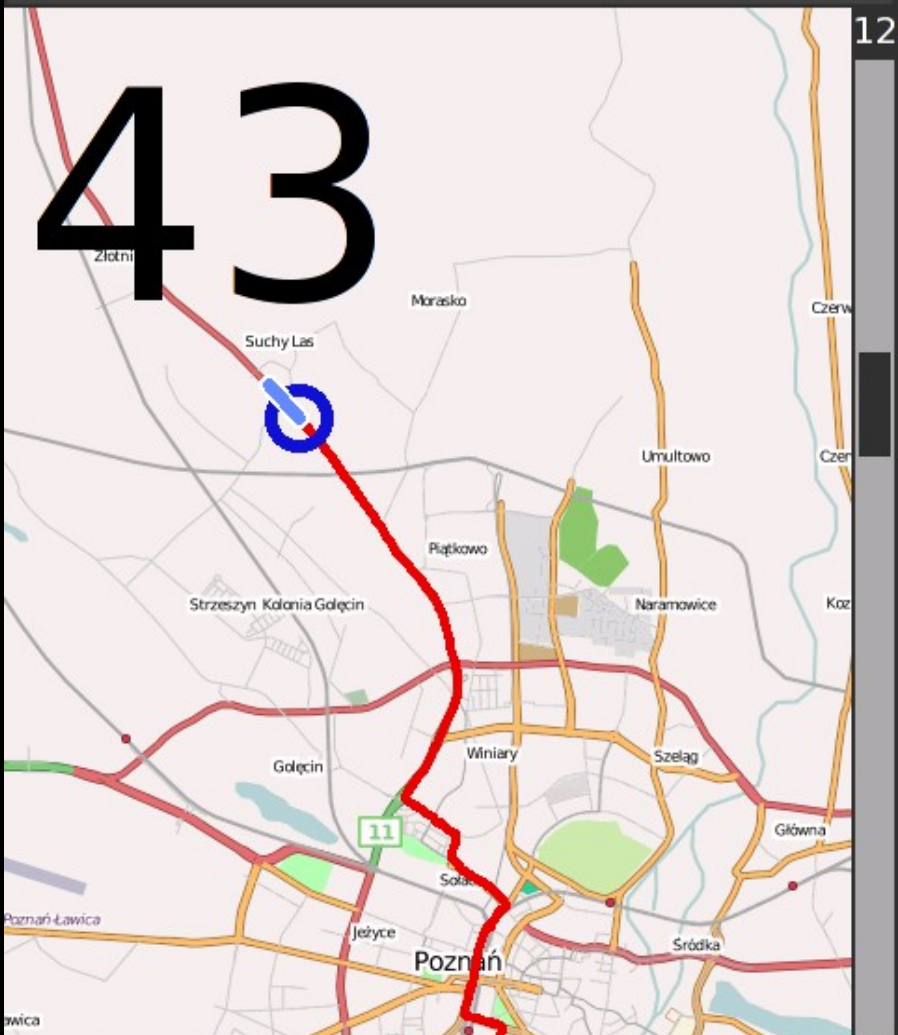
Anuluj Zapisz

fullscreen



autocenter

#openmok...



12

Rozmowa Opcje Wyślij do

ale uważam że im więcej hakerów tym lepiej.

(10:46:55) ike: wolę by diody mrugały jak najrzadziej.

(10:46:59) ike: cześć Sternik.

(10:47:00) ike: ;]

(10:47:06) Sternik: Ta

(10:49:16) dos: diody są świetne do przekazywania informacji, gdy ekran jest wyłączony

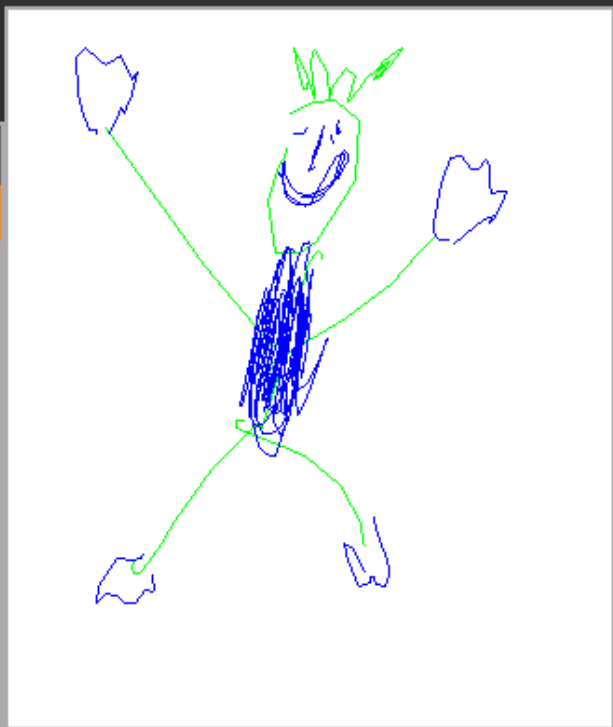
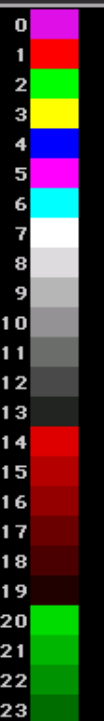
wczoraj tak sprawdzałem, czy FR wszedł już w stan uśpienia ;)



43.0 km/h 318° a:106m t:15.544km 12/11/1.0



File Edit View Image Selection Help



640 x 480 x RGB

27+0



<- http://www.google.pl/

Sieć Grafika Wideo Grupy dyskusyjne Blogi Gmail [więcej](#)

▼  
Katalog YouTube Kalendarz Zdjęcia Dokumenty Reader  
jeszcze więcej »

iGoogle | Zaloguj

Google™  
Polska

[ Szukaj w Google ] [ Szczęśliwy traf ]

[X] Szukaj w Internecie [ ] Szukaj na stronach kategorii:

Programy reklamowe - Rozwiązania dla firm - Wszystko o Google -  
Szukamy Pracowników - Google.com in English

OK





0700802802

1	2 ABC	3 DEF	← Delete
4 GHI	5 JKL	6 MNO	☐ Dial
7 PQRS	8 TUV	9 WXYZ	
* +	0 p	# w	



Outgoing Call



0700802802

[-] [Progress Bar] [+]





All



Unknown sender

0 unread

0 read



dos

0 unread

1 read



Unknown

18 / 160

0700802802



test pisania smsow



Request delivery report



# Messages



All



25/5/2008

test pisania smsow



# Contacts



dos

Lakamaka



Work 📞 0300286987



Work 📞 0700802802

Add Phone Number



Work ✉️ seba.dos1@gmail.com

Add E-Mail Address

ul. Tralala 3





Sunda

Bluetooth turned on



Contacts

Dialer

May 2008

Messaging

Messaging

Are you sure you want to close all applications?

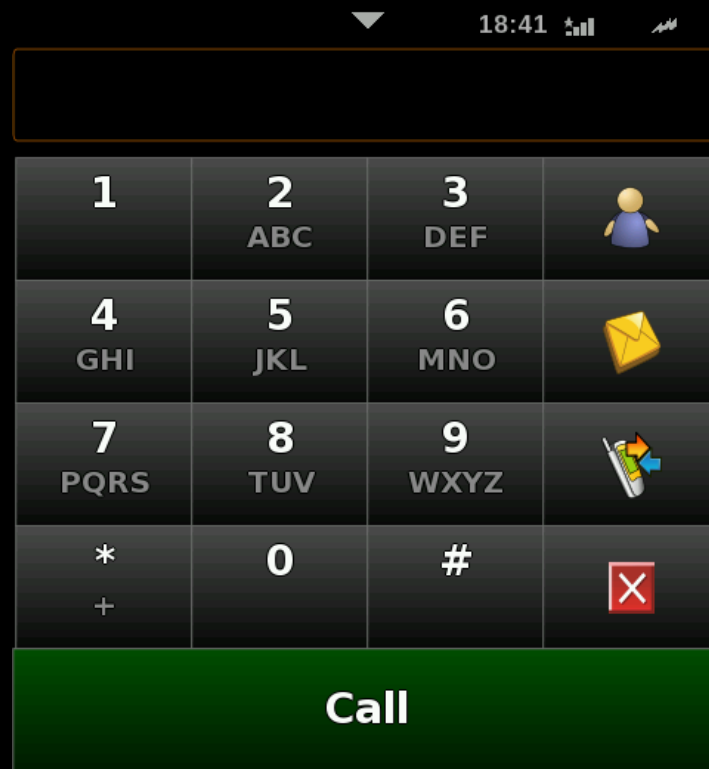
No Yes



# ASU



Starting Assassin.



Options

Cancel



# FSO



**freesmartphone.org**  
**SPECIAL INTEREST MIDDLEWARE**

[Welcome](#)

[Wiki](#)

[API Docs](#)

[Issues](#)

[Code](#)

freesmartphone.org is a modern service-based middleware platform for Linux-based embedded systems. It is tailored for simple and uniform access of all features, thus leveraging innovation and keeping you in control. FSO is completely free software that allows you to concentrate on your application problems rather than on device specifics. Read on to learn about the key features.

## Service Domains

FSO supports all your service needs on modern connected devices, including solutions for the following domains:

- Hardware Abstraction
- Telephony
- Networking
- Time, Date & Location
- Data Storage
- User Preferences

## Holistic Approach

In contrast to the multitude of abstractions on typical Linux-based middleware solutions, FSO follows a holistic approach. It offers Dbus-APIs all over the place, making the middleware easily accessible and innovation friendly. With FSO, you no longer have to reinvent the middleware when all you want to do is write a new exciting application.

## Plugin Architecture

FSO is lightweight and modular – you don't have to pay for features you are not using. FSO has been optimized for low memory and power consumption and a reasonable runtime footprint.

FSO is written in Vala, a modern object oriented programming language that compiles to C – thus giving you the maximum performance.

## No Strings Attached

Service worlds usually are greedy, forcing you into using a dedicated set of tools, languages, or libraries. FSO comes without any strings attached – its APIs can be used from all kinds of languages and libraries.

## Hardware Support

FSO runs on any hardware that ships with a modern Linux 2.6 kernel. It is dedicated to run on top of a open GNU/Linux userland, but can also be useful in foreign environments, such as hardware running Android, Maemo, MeeGo, or WebOS.

## Commercial Support

Due to its open nature and liberal license – being mostly a community driven project – FSO is the perfect choice for research and education. It does not stop there though.

For commercial vendors with special needs, we can offer professional support for FSO, including, but not limited to consulting and development. If you're interested, contact us via E-Mail.

# SMS Echo Service

```
def handleIncomingMessage( index ):
    message = sim.RetrieveMessagebook( "unread" )[0]
    index, status, from, contents = message
    if from == "+491234567" and contents.startswith( "ping" ):
        position = sim.StoreMessage( from, "pong" )
        sim.SendStoredMessage( position )

dbus.mainloop.glib.DBusGMainLoop( set_as_default = True )
mainloop = GObject.MainLoop()

bus = dbus.SystemBus()
sim = bus.getInterface( "org.freesmartphone.ogsmd"
                       "/org/freesmartphone/GSM/Device",
                       "org.freesmartphone.GSM.SIM" )
sim.connect_signal( "IncomingMessage", handleIncomingMessage )

mainloop.run()
```

# Rok 2 (2009)





Alarm



Calcul...



Contacts



Dialer



EPiano



Enotes



FBReal...



Fennec



File Ma...



Firefox...



GNU I...



GPS & ...



I/O



KO-Lig...



Messa...



Midori



Mofi



MooCow



Msgs



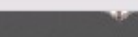
Navit



EPiano



Enotes



FBReal...



Fennec



File Ma...



Firefox...



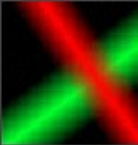
GNU I...



GPS & ...



I/O



KO-Lig...



Messa...



Midori



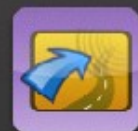
Mofi



MooCow



Msgs



Navit

Click to open contactlist.

<b>1</b>	<b>2</b> ABC	<b>3</b> DEF
<b>4</b> GHI	<b>5</b> JKL	<b>6</b> MNO
<b>7</b> PQRS	<b>8</b> TUV	<b>9</b> XYZ
<b>*</b>	<b>0</b> +	<b>#</b>

Close

More

Call



<b>+48725 [REDACTED] Today, 12:54:19</b>	
▶ dos (11)	31-01-2009 17:01:28
Dom	24-01-2009 19:10:29
▶ dos (2)	24-01-2009 19:09:54
Dom (2)	24-01-2009 19:08:41
▶ dos (4)	24-01-2009 19:07:04
Dom (4)	22-01-2009 19:10:42
dos	20-01-2009 21:49:43
+488 [REDACTED]	17-01-2009 19:37:47
▶ 725 [REDACTED] (3)	17-01-2009 17:55:01
Dom (2)	12-01-2009 09:20:38
▶ 691 [REDACTED] (2)	11-01-2009 19:49:19
510 [REDACTED]	11-01-2009 16:49:46
▶ 725 [REDACTED] (2)	11-01-2009 15:38:38

Call

Numbers

Duration

# Messages



1.02.2009, 19:29 +48888001111  
Heyah!: Ktos probowal skontaktowac sie ...

1.02.2009, 09:37 +48888001111  
Heyah!: Ktos probowal skontaktowac sie ...

29.01.2009, 12:12 2222  
Heyah! Ustaw muzyczke z HEYAH MOTIF ...

20.01.2009, 21:15 +4866  
Test

19.01.2009, 09:46 HEYAH  
Heyah! Za 2 dni stracisz mozliwosc wyko...

15.01.2009, 12:06 2222  
Heyah! Zamiast nudnego biip ustaw Hey...

New

Options

Show

# Compose SMS



129 characters left

czesc, pisze smsa na recenzje.

Close

Continue

text tezy test fest tedy

q w e r t y u i o p

a s d f g h j k l

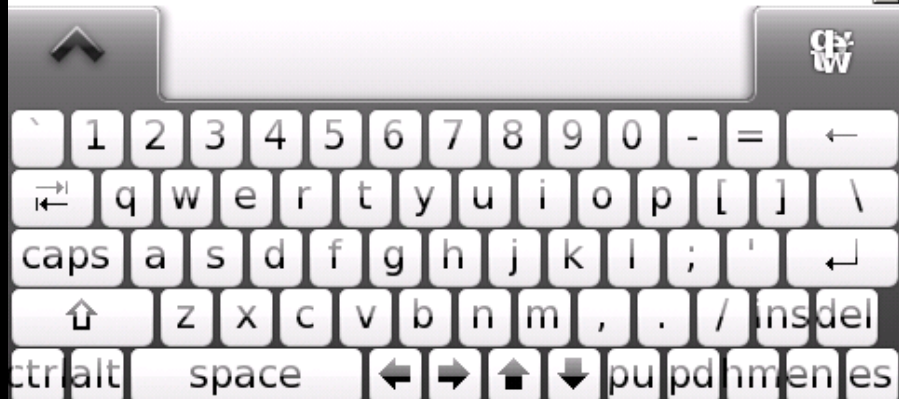
z x c v b n m . ?



root@om-gta02:~# █



root@om-gta02:~# █



# Settings



GSM



Bluetooth



Internet



Profiles



Date/time



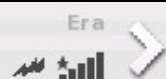
Power management



USB

Quit

# Settings modules



## GSM settings

GSM antenna:

On

Operators

Modem information

## SIM settings

### Message book:

first: 1  
last: 25  
used: 10

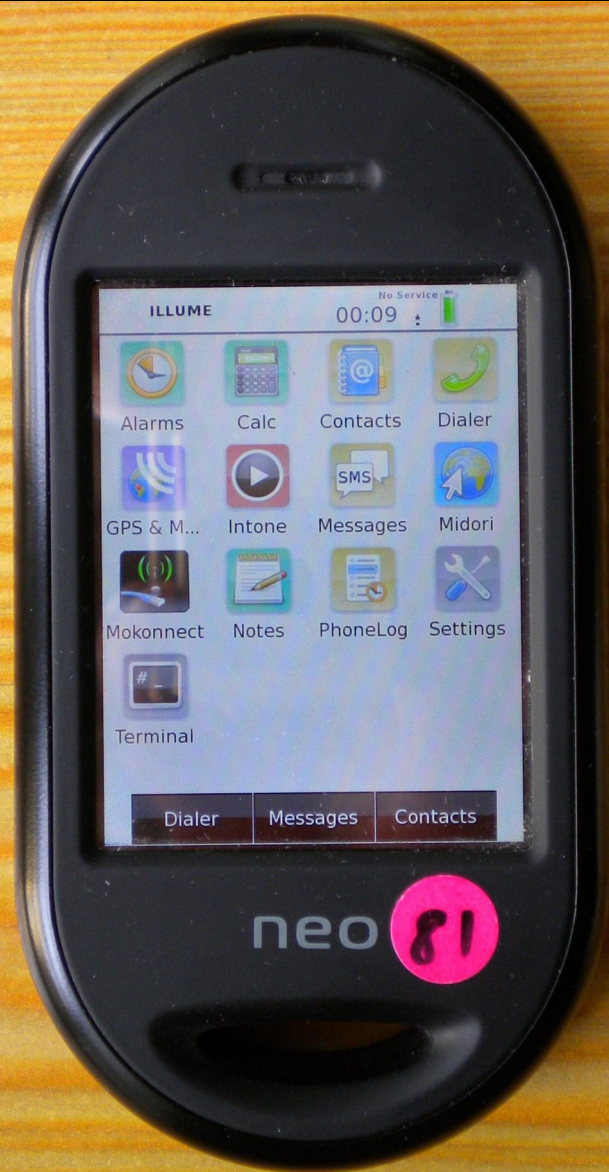
clean

### Book emergency:

number\_length: 44  
min\_index: 1  
name\_length: 0

Quit

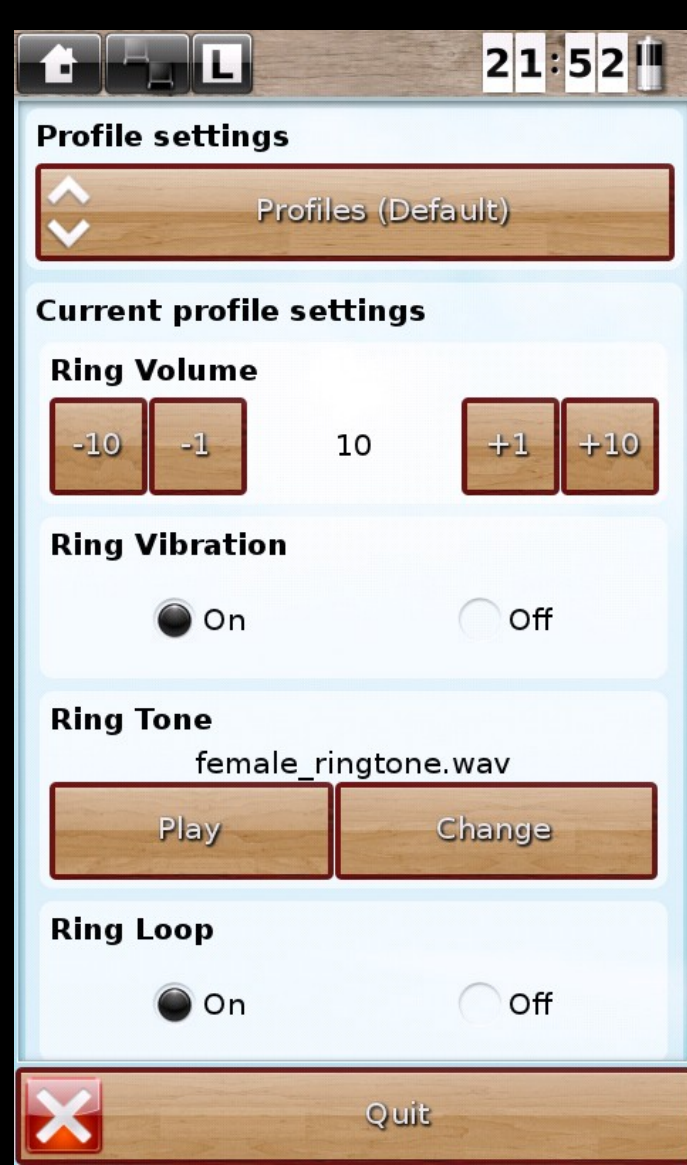
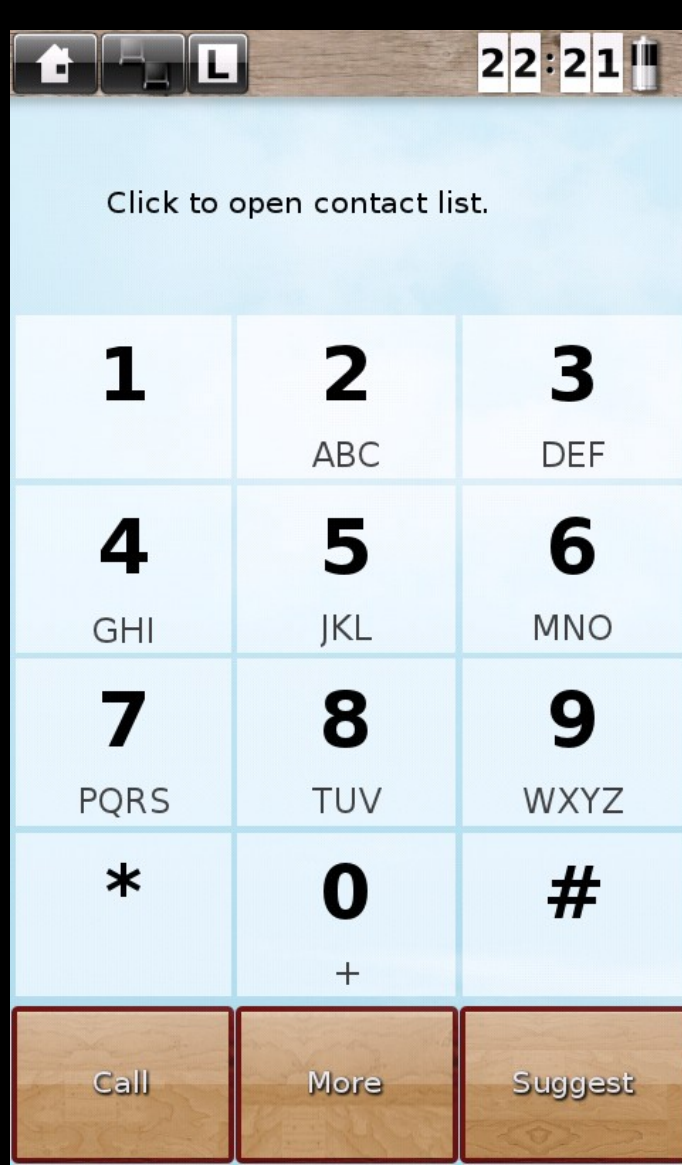
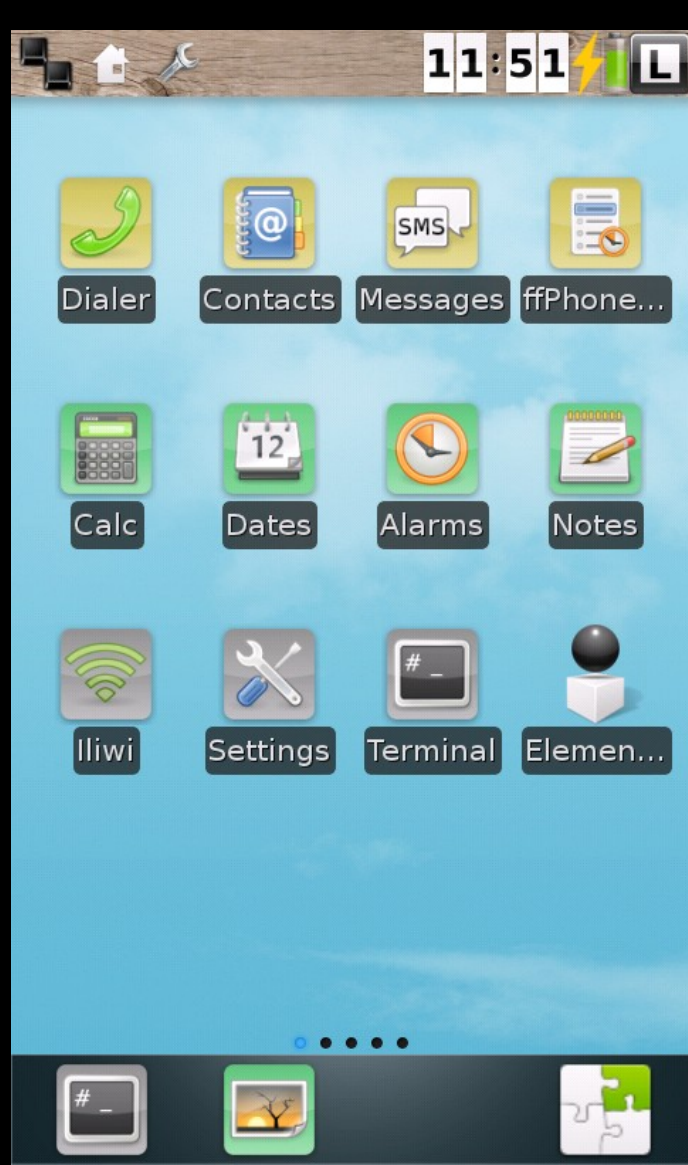






# Rok 3 (2010)





# Rok 4 (2011)



# Rok 6, 7 i 8 (2013, 2014 i 2015)



# Rok 10 (2017)



# Librem 5

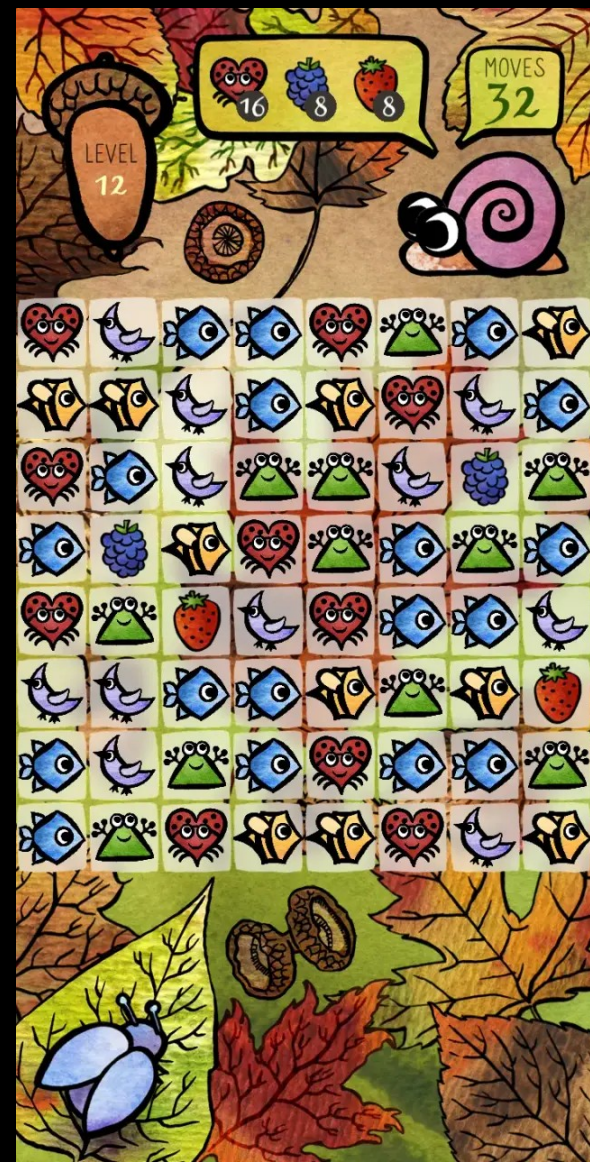




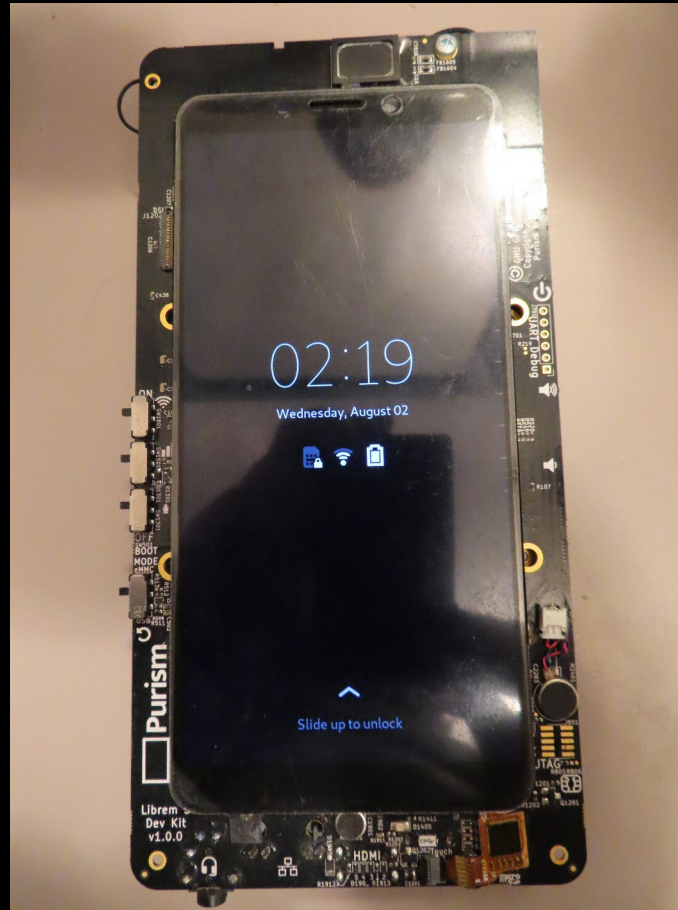
# Librem 5

- i.MX8MQ 1.5GHz arm64
- Vivante GC7000Lite
- 3GB RAM, 32GB eMMC, microSD
- BM818

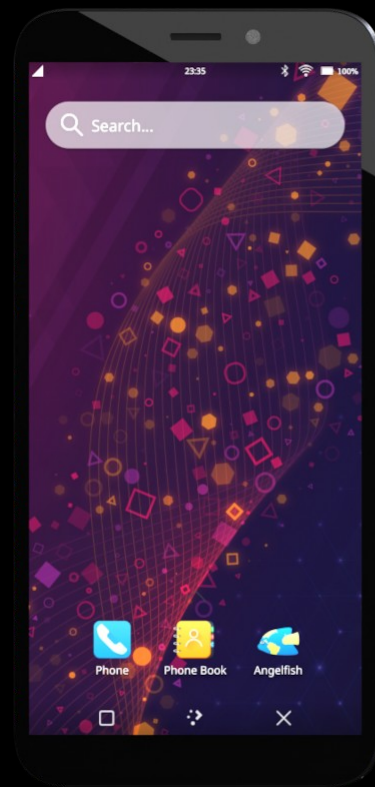
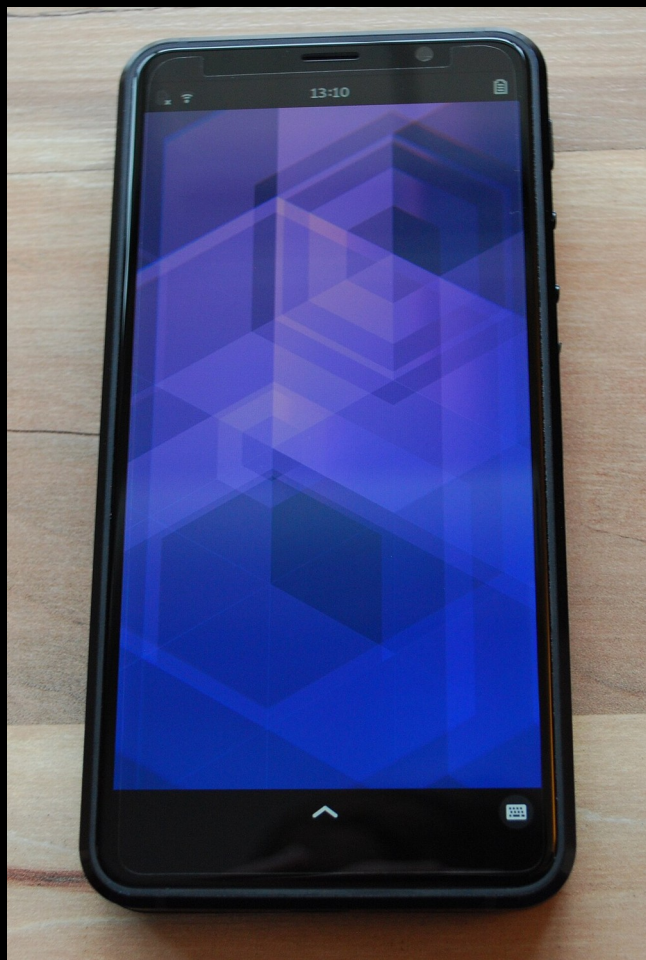
# Rok 11 (2018)



# Rok 12 (2019)



# Rok 13, 14 i 15 (2020, 2021 i 2022)





12:31  
Monday, December 16

FailFast Charge

🔊

🔊

📶 Vodafone.de    📶 wellental >

🔊 Fairbuds XL >    🔋 93%

📱 Portrait    🔊 Quiet

🔦 Torch    📶 ch-zrh-wg-507

🌙 Dark mode    📶 Mobile Data On

🔥 Hotspot Off    🔌 Off

Propagandhi  
Note to Self

01:01 05:56

⏮ ⏪ ⏸ ⏩ ⏭

🔔

Note to Self  
Propagandhi

⏮ ⏸ ⏭

4G 📶 🔊

📶 📍 📶 12:31

PHOSH

A user interface for your mobile phone

</> |m| 📄 📱

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🔍 Search apps...

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3:32 pm    📶 📶 🔋 84%

### Applications

🐟 Angelfish    📺 ASHPD Demo    🎵 AudioTube    🇷🇺 Buho

🔢 Calculator    📅 Calindori    🎵 Clip    🕒 Clock

🔺 CMake    🛒 Discover    📼 Elisa    📊 Htop

📁 Index    📐 Kasts    📱 KDE Connect    📱 KDE Connect SMS

🔒 Keysmith    🖋️ Kirigami Gallery    📷 Koko    🗳️ Kongress

🚆 KTrip    📊 Megapixels    🗨️ NeoChat    📄 Nota

📱 🗨️ 📷 🔑

🏠 ⋮ ✕

# Rok 18+ (2025+)

- Librem 5 v2?
- Liberux NEXX?
- ???

Slajdy się skończyły