# Instalação do Android

### Realizado por:
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Prog3 – CFRP de Alcoitão

### Para a UFCD:
Sistemas Operativos - Tipologias

Francisco Gabriel

Android-x86 Live & Installation CD 7.1-r2

Live CD - Run Android-x86 without installation
Live CD - Debug mode
Installation - Install Android-x86 to harddisk

Advanced options...                                              >

Instalação para HD

Press [Tab] to edit options

android-x86.org

# Choose Partition

Please select a partition to install Android-x86:

Recommended minimum free space - 4GB  |  Optimum free space >= 8GB

Partition | Filesystem | Label            | Size      | Drive name/model

Create/Modify partitions
Detect devices

Menu de Partições

<       OK       >          <Cancel>

```
┌──────────────────── Choose Partition ────────────────────┐
Please select a partition to install Android-x86:

Recommended minimum free space - 4GB  ¦  Optimum free space >= 8GB

Partition ¦ Filesystem ¦ Label          ¦ Size        ¦ Drive name/model

┌─────────────────────────────────────────────────────────┐
│                                                         │
│                                                         │
│                                                         │
│              Create/Modify partitions                   │
│              Detect devices                             │
│                                                         │
```

Vamos criar uma nova
Partição

```
│                                                         │
│                                                         │
│                                                         │
└─────────────────────────────────────────────────────────┘

       <  OK  >              <Cancel>
```

Usar o GPT

## Confirm

Do you want to use GPT?

< **Yes** >     < No >

Warning! Non-GPT or damaged disk detected! This program will attempt to
convert to GPT form or repair damage to GPT data structures, but may not
succeed. Use gdisk or another disk repair tool if you have a damaged GPT
disk.

Executar a conversão
para GPT

Press any key to continue....

```
                        cgdisk 1.0.0

                  Disk Drive: /dev/sda
                  Size: 35358400, 16.9 GiB

Part. #        Size            Partition Type              Partition Name
_____

               16.9 GiB        free space




Nova Partição




    [ Align  ]   [ Backup ]    [  Help  ]   [  Load  ]   [   New   ]   [  Quit  ]
    [ Verify ]   [ Write  ]

                    Create new partition from free space
```

```
                         cgdisk 1.0.0

                   Disk Drive: /dev/sda
                   Size: 35358400, 16.9 GiB

Part. #        Size          Partition Type              Partition Name
_____

               16.9 GiB      free space
```

Definições da nova partição

```
First sector (2048-35358366, default = 2048):
```

```
                    cgdisk 1.0.0

              Disk Drive: /dev/sda
              Size: 35358400, 16.9 GiB

Part. #      Size          Partition Type           Partition Name
_____

             16.9 GiB      free space
```

Definições da
nova partição...

```
First sector (2048-35358366, default = 2048):
Size in sectors or {KMGTP} (default = 35356319):
```

```
                        cgdisk 1.0.0

                   Disk Drive: /dev/sda
                   Size: 35358400, 16.9 GiB

Part. #        Size          Partition Type              Partition Name
_____

               16.9 GiB      free space
```

Definições da
nova partição...

```
Current type is 8300 (Linux filesystem)
Hex code or GUID (L to show codes, Enter = 8300):
```

```
                        cgdisk 1.0.0

                  Disk Drive: /dev/sda
                Size: 35358400, 16.9 GiB

Part. #      Size           Partition Type           Partition Name
_____

             16.9 GiB       free space
```

Definições da
nova partição
(Nome)...

```
Current partition name is ''
Enter new partition name, or <Enter> to use the current name:
Android
```

```
                          cgdisk 1.0.0

                    Disk Drive: /dev/sda
                    Size: 35358400, 16.9 GiB

Part. #        Size          Partition Type              Partition Name
_____

               1007.0 KiB    free space
    1          16.9 GiB      Linux filesystem            Android
```

Criar a nova
Partição.

```
    [ Align  ]    [ Backup ]    [  Help  ]    [  Load  ]    [  New   ]    [  Quit  ]
    [ Verify ]    [ Write  ]

            Write partition table to disk (this might destroy data)_
```

```
                         cgdisk 1.0.0

                    Disk Drive: /dev/sda
                   Size: 35358400, 16.9 GiB

Part. #       Size           Partition Type              Partition Name
_____

              1007.0 KiB     free space
    1         16.9 GiB       Linux filesystem            Android
```

Confirmar a criação
da nova Partição

```
Are you sure you want to write the partition table to disk? (yes or no): yes

        Warning!! This may destroy data on your disk!
```

```
                         cgdisk 1.0.0

                    Disk Drive: /dev/sda
                    Size: 35358400, 16.9 GiB

Part. #       Size           Partition Type              Partition Name
_____

              1007.0 KiB     free space
    1         16.9 GiB       Linux filesystem            Android

Sair



   [ Align  ]   [ Backup ]   [  Help  ]   [  Load  ]   [  New   ]   [  Quit  ]
   [ Verify ]   [ Write  ]


                 Quit program without writing partition table_
```

## Choose Partition

Please select a partition to install Android-x86:

Recommended minimum free space - 4GB  ┆  Optimum free space >= 8GB

Partition ┆ Filesystem ┆ Label          ┆ Size      ┆ Drive name/model

| sda1 | unknown | | 16.86GB | VBOX HARDDISK |

Create/Modify partitions
Detect devices

Selecionar a
nova Partição
sda1

       <  OK  >              <Cancel>

# Choose filesystem

Please select a filesystem to format sda1:

Do not format
**ext4**
ntfs
fat32

Escolher formatação
ext4

`<` **OK** `>`          `<Cancel>`

Confirmar a formatação

## Confirm

You chose to format sda1 to ext4.
All data in that partition will be LOST.

Are you sure to format the partition sda1?

< Yes >      < No >

Usar o GRUB

```
┌─────────────────── Confirm ───────────────────┐
│                                                │
│   Do you want to install boot loader GRUB?     │
│                                                │
├────────────────────────────────────────────────┤
│      < Yes  >            < Skip >              │
└────────────────────────────────────────────────┘
```

Confirmar a conversão
para MBR

**Warning**

Found GPT on /dev/sda. The legacy GRUB can't be installed to GPT. Do you want to convert it to MBR?

WARNING: This is a dangerous operation. You should backup your data first.

< Yes >          < No >

Escolher read-write

## Question

Do you want to install /system directory as read-write?

Making /system be read-write is easier for debugging, but it needs more disk space and longer installation time.

< Yes >          < No >

Correr o Android

```
┌──────────────────── Congratulations! ────────────────────┐
│                                                            │
│  Android-x86 is installed successfully.                    │
│                                                            │
│  ┌──────────────────────────────────────────────────────┐ │
│  │                                                        │ │
│  │              Run Android-x86                           │ │
│  │              Reboot                                    │ │
│  │                                                        │ │
│  └──────────────────────────────────────────────────────┘ │
│                                                            │
│      <   OK   >              <Cancel>                       │
│                                                            │
└────────────────────────────────────────────────────────────┘
```
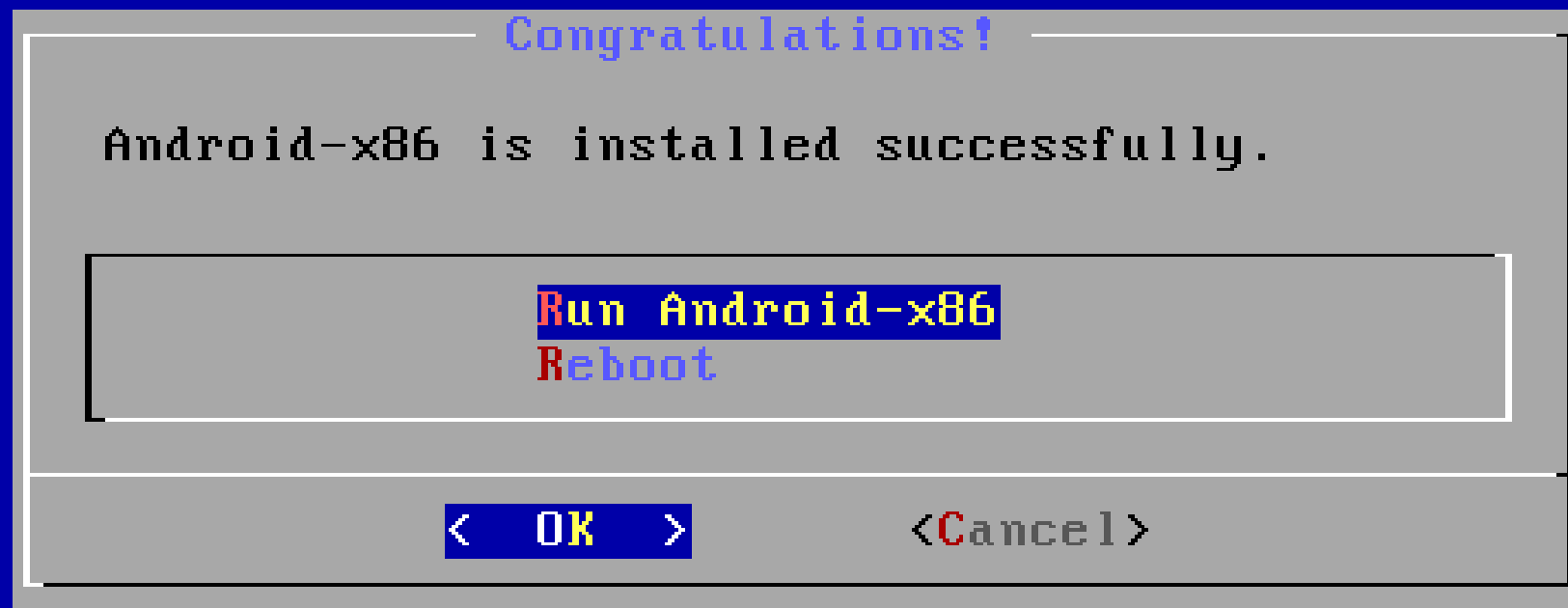
Escolher a linguagem

Welcome

ENGLISH (UNITED STATES) ▼

LET'S GO

📞 Emergency

👁 Vision Settings

Escolher a gestão de dados

Usar a conta google?

Não quero usar a conta…
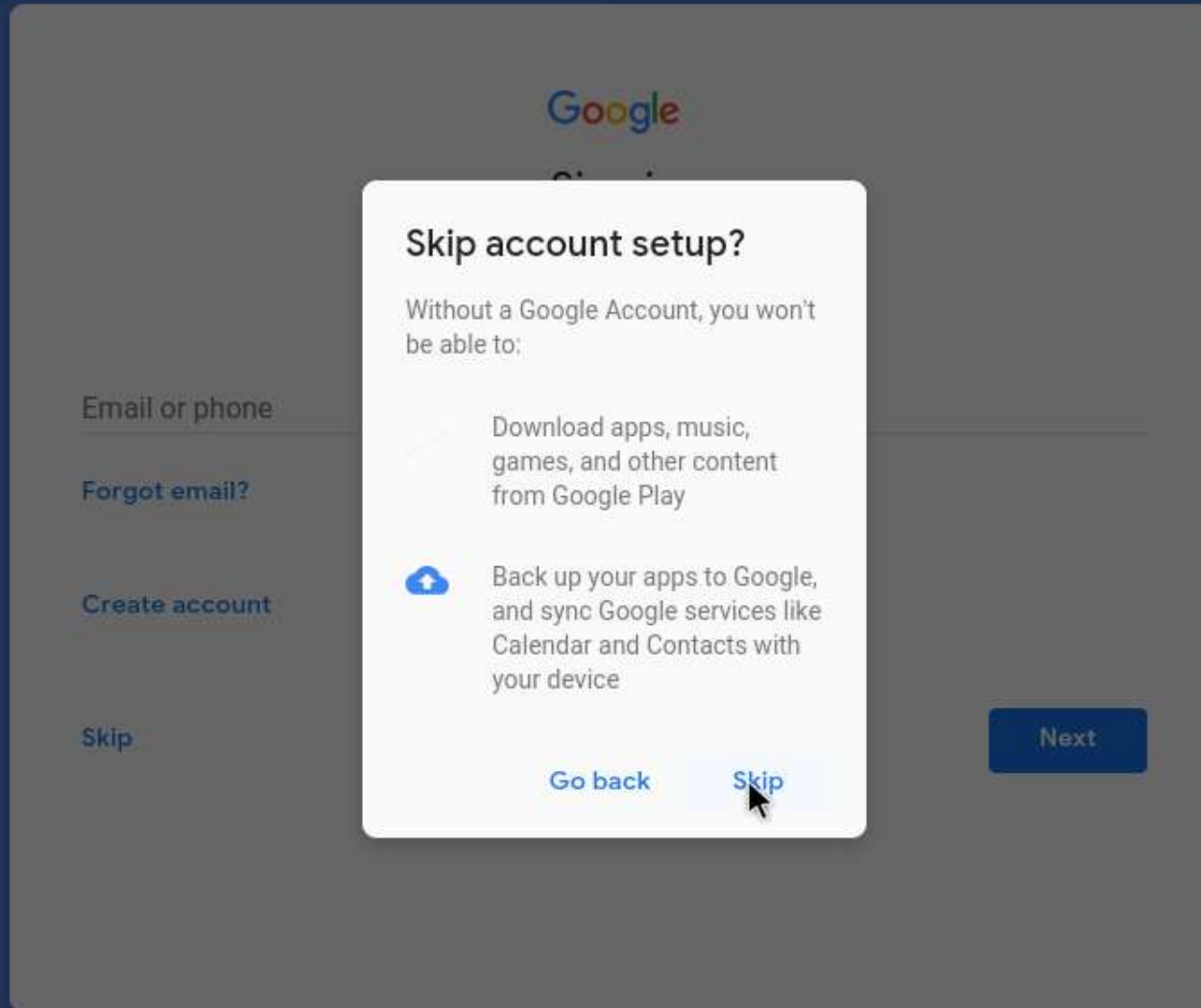
Data e Hora

Utilizador

## Name

Adding your name allows your phone to personalize some apps.

Name

Helder

NEXT

Aceitar os termos

Mais serviços google...

Escolher a app de interface
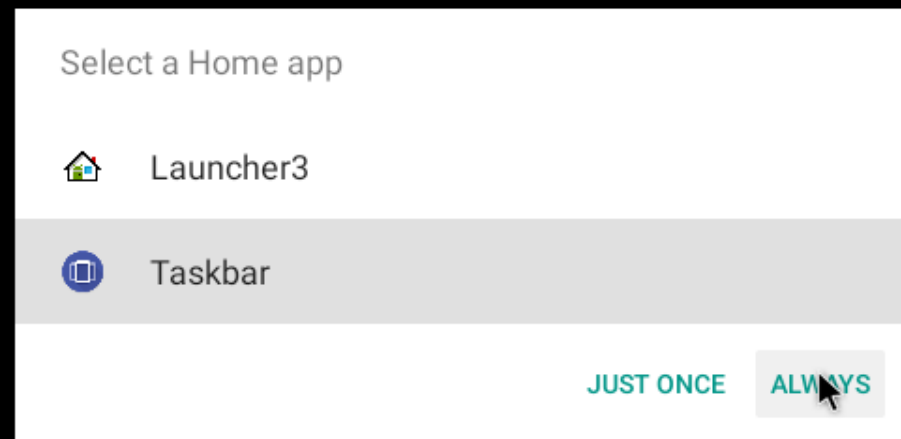
Select a Home app

🏠 Launcher3

▣ Taskbar

JUST ONCE        ALWAYS

11:37

Com os meus cumprimentos:
Hélder Jorge