Relatório de Instalação do Windows 3.1

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Introdução

O Windows 3.1 simplesmente revolucionou o mundo da IBM-PC com seu modo gráfico e programação multitarefas. A Microsoft, que começou no mercado de Sistemas Operacionais com um simples sistema mono tarefa, veio com o Windows prometendo dominar o mercado.

Para rodas o Windows havia alguns pré-requisitos, um deles era ter o MS-DOS instalado.

Materiais e Métodos

2.1 Oracle VM VirtualBox

Para poder rodar o sistema operacional foi usado o software Oracle VM Virtual simulando um computador virtual que podemos configurar de maneira compatível com o MS-DOS e Windows 3.1.

Ele está disponível para download através do site: https://www.virtualbox.org/.

2.2 Imagem do MS-DOS

MS-DOS, acrônico *Microsoft Disk Operating System*, é um sistema operacional mono tarefa comprado pela Microsoft para o IBM PC. Ele foi usado de base para criar as primeiras versões do Windows, até a Microsoft criar o Windows NT.

2.3 Imagem do Windows 3.1

O Windows surgiu como uma forma de tornar o MS-DOS mais produtivo, de maneira que pudesse utilizar vários programas ao mesmo tempo. Ele integrava uma interface gráfica que facilitava ao usuário a interação com o computador.

Preparar o Ambiente

Em primeiro de tudo foi necessário criar uma máquina virtual no VirtualBox:

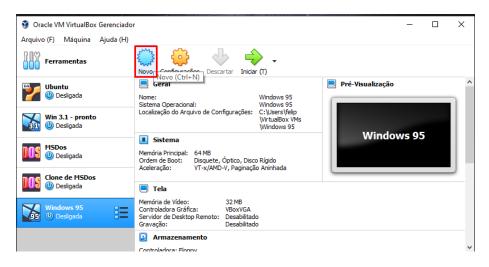


Figura 3.1: Criar máquina virtual

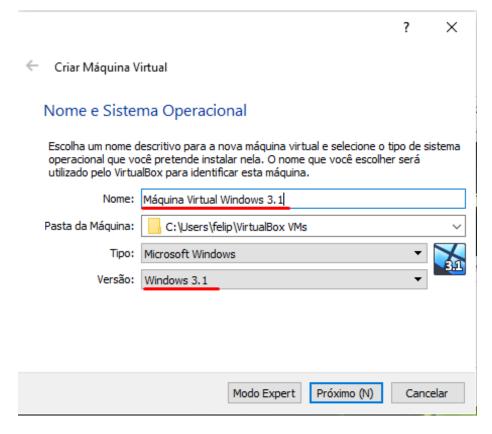


Figura 3.2: Criar máquina virtual

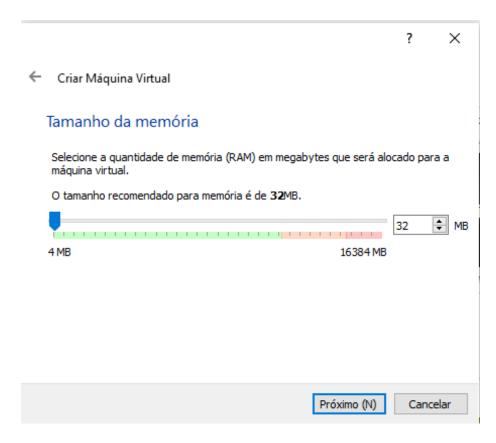


Figura 3.3: Criar máquina virtual

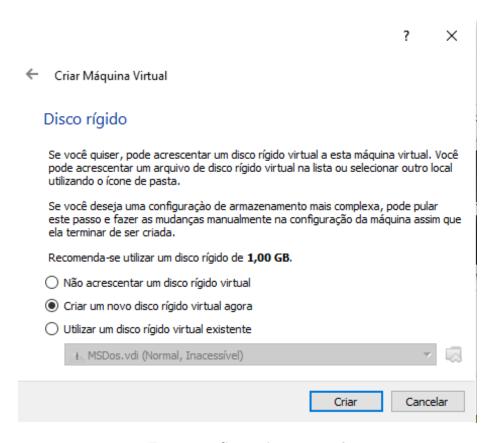


Figura 3.4: Criar máquina virtual

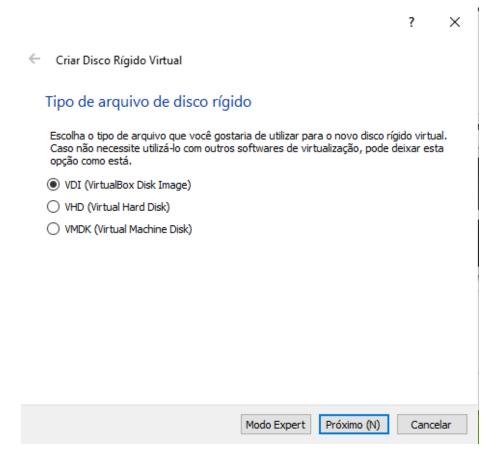


Figura 3.5: Criar máquina virtual

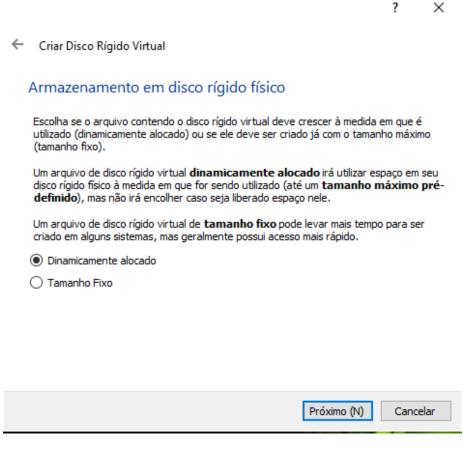


Figura 3.6: Criar máquina virtual

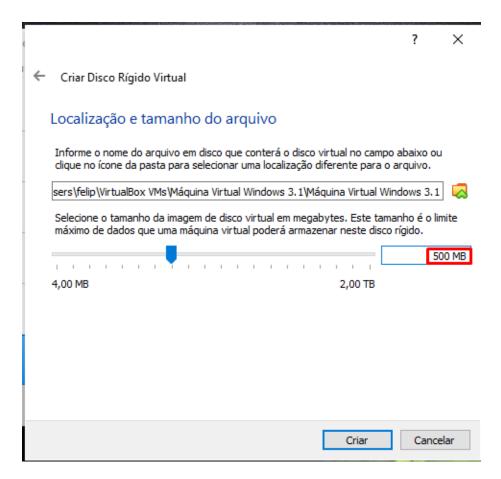


Figura 3.7: Criar máquina virtual

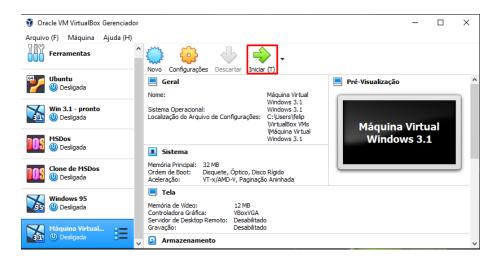


Figura 3.8: Criar máquina virtual

Após esses passos começamos instalando o MS-DOS:

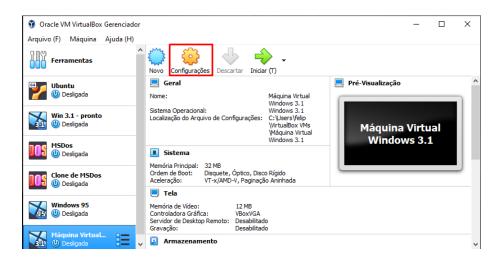


Figura 3.9: Instalar MS-DOS

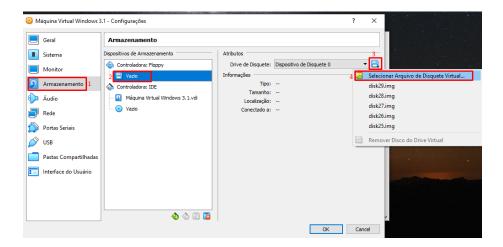


Figura 3.10: Instalar MS-DOS

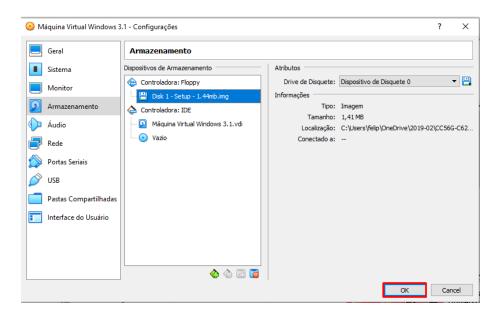


Figura 3.11: Instalar MS-DOS



Figura 3.12: Instalar MS-DOS

```
Welcome to Setup.

The Setup program prepares MS-DOS 6.22 to run on your computer.

• To set up MS-DOS now, press ENTER.

• To learn more about Setup before continuing, press F1.

• To exit Setup without installing MS-DOS, press F3.

Note: If you have not backed up your files recently, you might want to do so before installing MS-DOS. To back up your files, press F3 to quit Setup now. Then, back up your files by using a backup program.

To continue Setup, press ENTER.
```

Figura 3.13: Instalar MS-DOS



Figura 3.14: Instalar MS-DOS

```
Setup will restart your computer now.

Please make sure Setup Disk 1 is in drive A.

• To continue, press ENTER.
```

Figura 3.15: Instalar MS-DOS



Figura 3.16: Instalar MS-DOS

```
Setup will use the following system settings:

Date/Time: 30/10/19 22:14
Country: Brazil
Keyboard Layout: Brazil
The settings are correct.

If all the settings are correct, press ENTER.
To change a setting, press the UP or DOWN ARROW keys to select it. Then press ENTER to see alternatives.
```

Figura 3.17: Instalar MS-DOS

```
Setup will place your MS-DOS files in the following directory:

C:\DOS

To place MS-DOS files in this directory, press ENTER.

To place MS-DOS files in a different directory, type its path and press ENTER.
```

Figura 3.18: Instalar MS-DOS

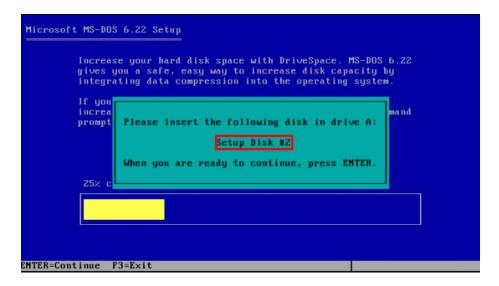


Figura 3.19: Instalar MS-DOS

Após isso, é só ir trocando os disquetes até que a instalação do MS-DOS esteja completa.

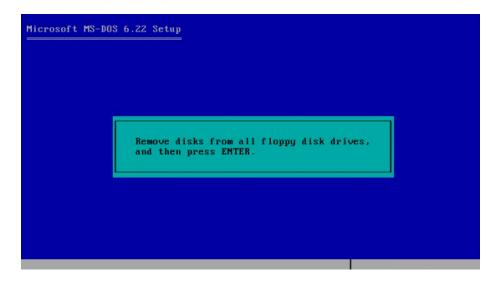


Figura 3.20: Instalar MS-DOS

Agora reiniciar o computador, o MS-DOS estará instalado, pronto para receber o Windows.

Instalar o Windows 3.1

Feita a instalação do MS-DOS, iremos começar a instalação do Windows 3.1:

```
Starting MS-DOS...
HIMEM is testing extended memory...done.
 C:\>C:\DOS\SMARTDRU.EXE /X
 MODE prepare code page function completed
 MODE select code page function completed
 C:\>dir
  Volume in drive C is MS-DOS_6
  Volume Serial Number is 4F5E-B1E1
  Directory of C:\
 DOS
                                         30/10/19
                    <DIR>
                              30/10/19 ZZ:15
54.645 31/05/94 6:22
9.349 31/05/94 6:22
144 30/10/19 ZZ:15
188 30/10/19 ZZ:15
64.326 bytes
517.021.696 bytes free
                                                         6:22
6:22
22:15
22:15
COMMENTS
WINAZO 386
CONFIG SYS
AUTOEXEC BAT
5 file(s)
 COMMAND
             COM
 C:\>
```

Figura 4.1: Instalar Windows 3.1

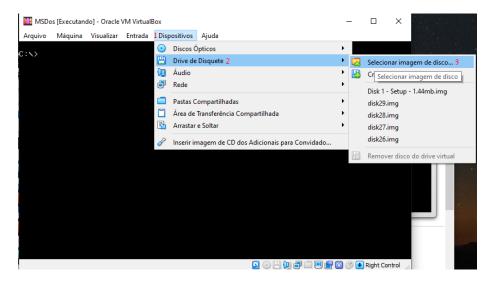


Figura 4.2: Instalar Windows 3.1

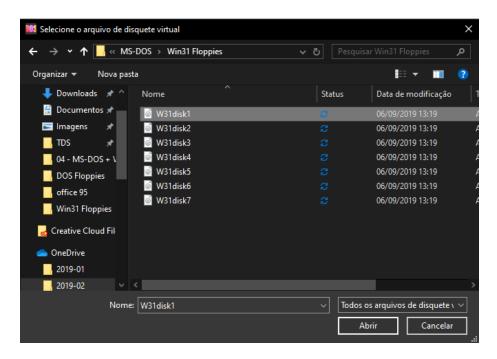


Figura 4.3: Instalar Windows 3.1



Figura 4.4: Instalar Windows 3.1

```
Welcone to Setup.

The Setup program for Windows 3.1 prepares Windows to run on your computer.

• To learn more about Windows Setup before continuing, press F1.

• To set up Windows now, press ENTER.

• To quit Setup without installing Windows, press F3.
```

Figura 4.5: Instalar Windows 3.1

```
Windows provides two Setup methods:

Express Setup (Reconnended)
Express Setup relies on Setup to make decisions,
so setting up Windows is quick and easy.

To use Express Setup, press ENTER.

Custom Setup
Custom Setup
Custom Setup is for experienced computer users who
want to control how Windows is set up. To use this Setup method,
you should know how to use a mouse with Windows.

To use Custom Setup, press C.
For details about both Setup methods, press F1.

ENTER=Express Setup C=Custom Setup F1=Help F3=Exit
```

Figura 4.6: Instalar Windows 3.1

```
Please wait while Setup copies files to your hard disk.

• To quit Setup without installing Windows, press F3.

For more information on setting up and using Windows version 3.1, see your Windows documentation.

Setup is copying files...

0%

Copying: APP850.FON
```

Figura 4.7: Instalar Windows 3.1

```
Windows Setup

Please insert the disk labeled

Microsoft Windows 3.1 Disk #2

into Drive A:

• Press Enter when ready.

ENTER=Continue F3=Exit

Copying: CGA40850.FON
```

Figura 4.8: Instalar Windows 3.1



Figura 4.9: Instalar Windows 3.1



Figura 4.10: Instalar Windows 3.1



Figura 4.11: Instalar Windows 3.1

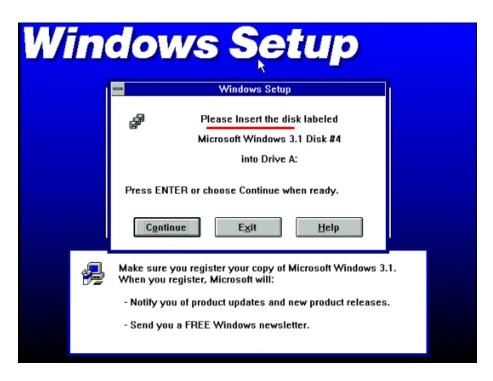


Figura 4.12: Instalar Windows 3.1



Figura 4.13: Instalar Windows $3.1\,$



Figura 4.14: Instalar Windows 3.1



Figura 4.15: Instalar Windows 3.1

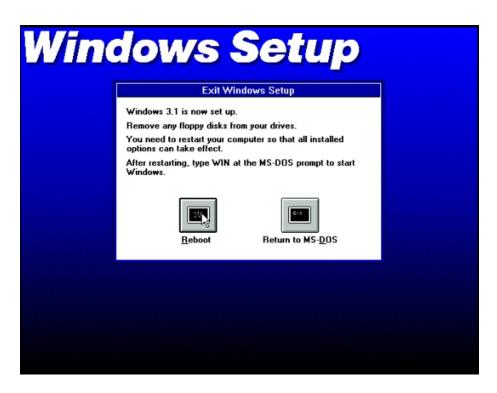


Figura 4.16: Instalar Windows 3.1



Figura 4.17: Instalar Windows 3.1

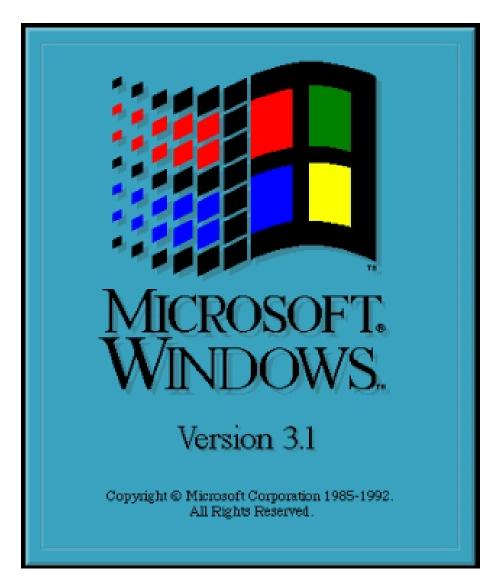


Figura 4.18: Instalar Windows $3.1\,$

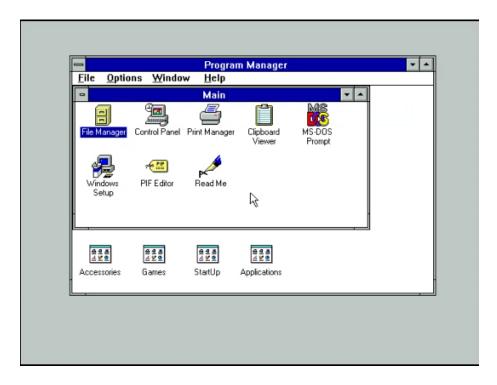


Figura 4.19: Instalar Windows 3.1

Conclusões

Instalar o Windows 3.1 trouxe uma perspectiva do passado dos computadores e sistemas operacionais modernos. Apesar de o MS-DOS não chegar aos pés do Unix, ele conquistou mais consumidores.

Bibliografia

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- [3] MS-DOS. Wikipédia, a enciclopédia livre., 2019. Disponível em: https://pt.wikipedia.org/wiki/MS-DOS. Acesso em: 30 out. 2019.