

Ricardo Cabral

Windows Server 2016 Demo Time!



IT PRO  
PORTUGAL



Especial Lançamento  
Windows Server 2016

9º

Encontro

Microsoft  
Portugal  
(Lisboa)



2016-09-28



18:30



# About Ricardo Cabral



- Licenciado em Engenharia de Informática.
- IT Manager na Globaltemp
- Co-fundador das comunidades IT Pro Portugal e PowerShell Portugal.
- Participante, voluntário e/ou orador em comunidades técnicas portuguesas (SQLPort, SQLSaturday Lisboa e Porto, Tuga IT, NetPonto, IoT Portugal, Arduino/Genuino Day, O365PT, PTJUG, AzurePT, PTXug, etc.).
- É um autêntico apaixonado e autodidata nas tecnologias de informação com mais de 13 anos de experiência em gestão de TI, desenvolvimento e projetos.
- Adora partilhar, conviver e aprender.



# Agenda

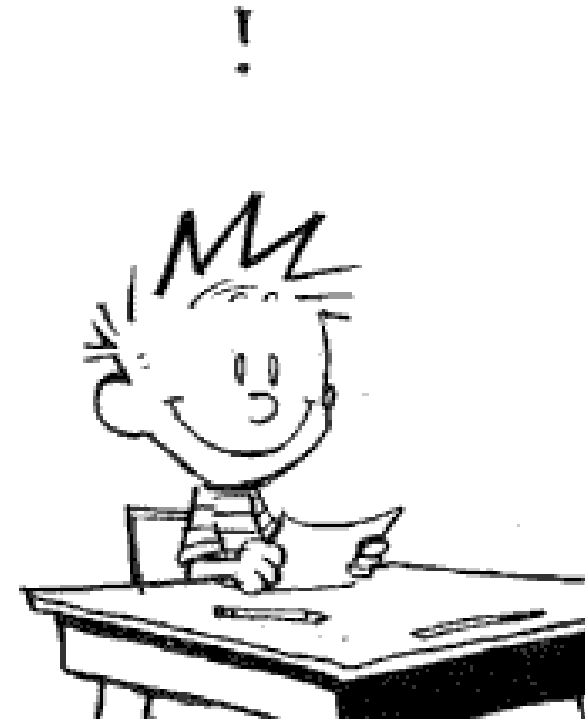
→ Windows Server 2016

→ Demo Time

→ Nano Server

→ Windows Containers

→ Ebooks gratuitos



Source: [www.gocomics.com/calvinandhobbes](http://www.gocomics.com/calvinandhobbes)



# Windows Server 2016



# Como experimentar o Windows Server 2016

## Existem 4 maneiras

Requisitos mínimos:

Processador: 1.4 GHz 64-bit compatível com instruções x64

Memória Ram:

- Core 512 MB (máquinas virtuais 800 MB)
- Desktop Experience (GUI) 1GB

Armazenamento: 32 GB



# Instalação numa máquina virtual local

WS2016TRM [Running] - Oracle VM VirtualBox  
File Machine View Input Devices Help

Windows Setup

Applicable notices and license terms

**IMPORTANT NOTICE** (followed by LICENSE TERMS)

**Diagnostic and Usage Information.** Microsoft automatically collects this information over the internet, and uses it to help improve your installation, upgrade, and user experience, and the quality and security of Microsoft products and services. Consistent with these purposes, the information may be associated with your organization. Windows Server 2016 information collection settings (Security, Basic, Enhanced) are set to the "Enhanced" setting by default. This level includes the following information collection settings: (i) run our antimalware and diagnostic and usage data collection technologies; (ii) understand device quality, and device compatibility; and (iii) identify quality issues in the operating system and applications.

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1 Collecting information 2 Installing Windows

Windows Setup

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Windows Server 2016 - VMware Workstation

Library

Type here to search

- My Computer
- Windows Server 2016
- Shared VMs

Windows Setup

The installation was canceled

Any changes made to your computer won't be saved.

Windows Setup

Windows cannot find the Microsoft Software License Terms. Make sure the installation sources are valid and restart the installation.

OK

1 Collecting information 2 Installing Windows



# Windows Server Upgrade

## Windows server instalado

Windows Server 2012 Standard  
Windows Server 2012 Datacenter  
Windows Server 2012 R2 Standard  
Windows Server 2012 R2 Datacenter  
Windows Server 2012 R2 Essentials  
Windows Storage Server 2012 Standard  
Windows Storage Server 2012 Workgroup  
Windows Storage Server 2012 R2 Standard  
Windows Storage Server 2012 R2 Workgroup

## Pode ser atualizado para

Windows Server 2016 Standard or Datacenter  
Windows Server 2016 Datacenter  
Windows Server 2016 Standard or Datacenter  
Windows Server 2016 Datacenter  
Windows Server 2016 Essentials  
Windows Storage Server 2016 Standard  
Windows Storage Server 2016 Workgroup  
Windows Storage Server 2016 Standard  
Windows Storage Server 2016 Workgroup

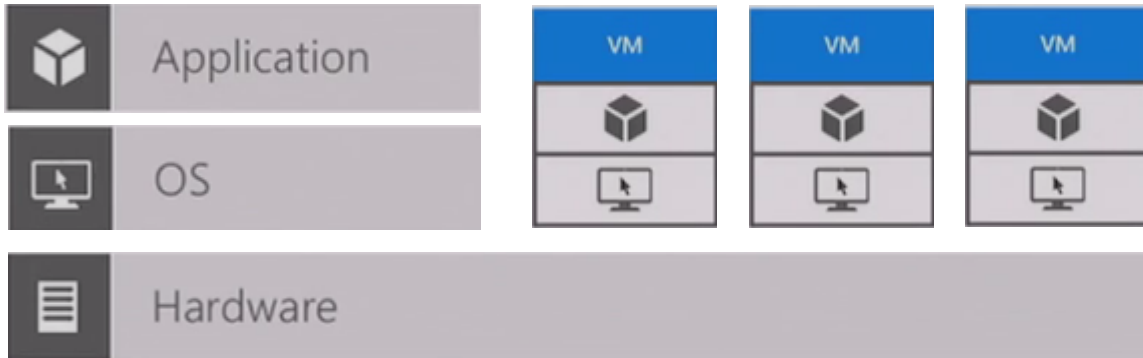
Podem converter uma versão trial para retail

<http://go.microsoft.com/fwlink/?LinkId=825703>

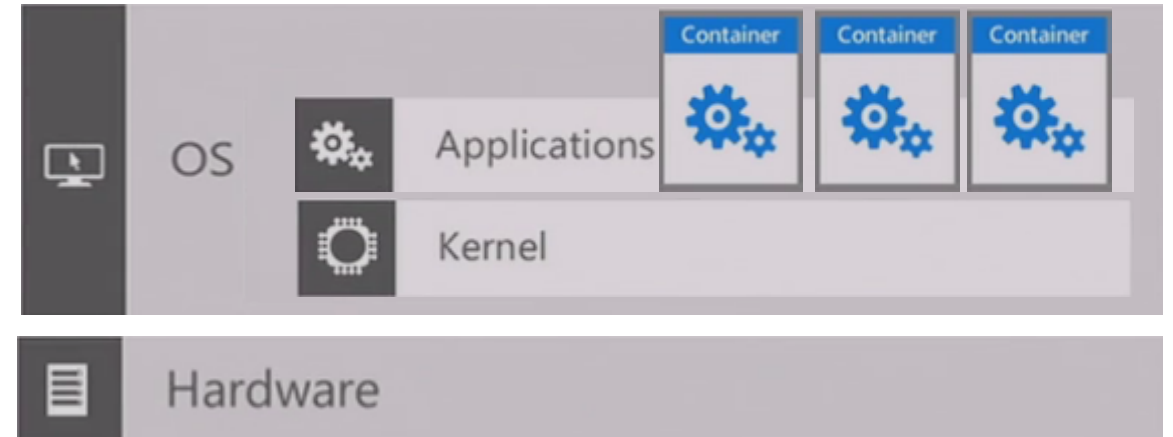


# Windows Containers

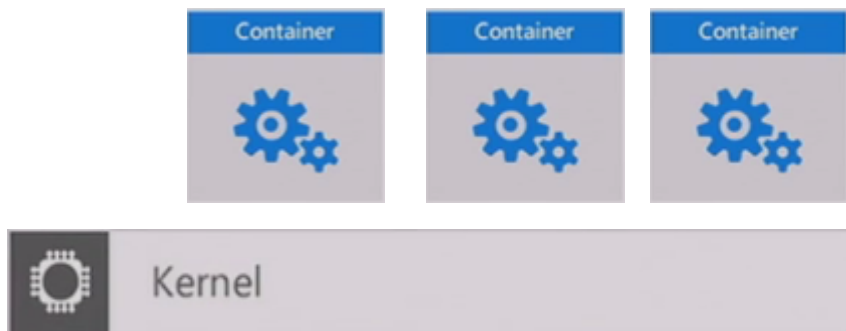
Máquinas virtuais tradicionais



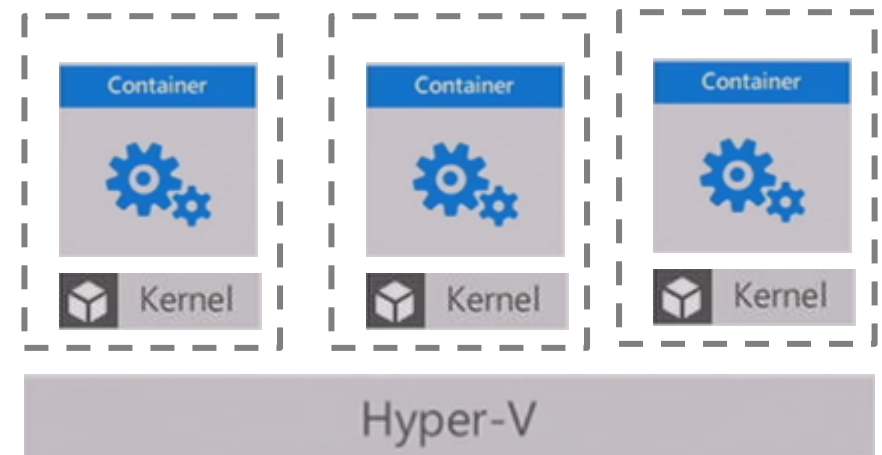
Containers



Windows Server Containers



Hyper-V Containers



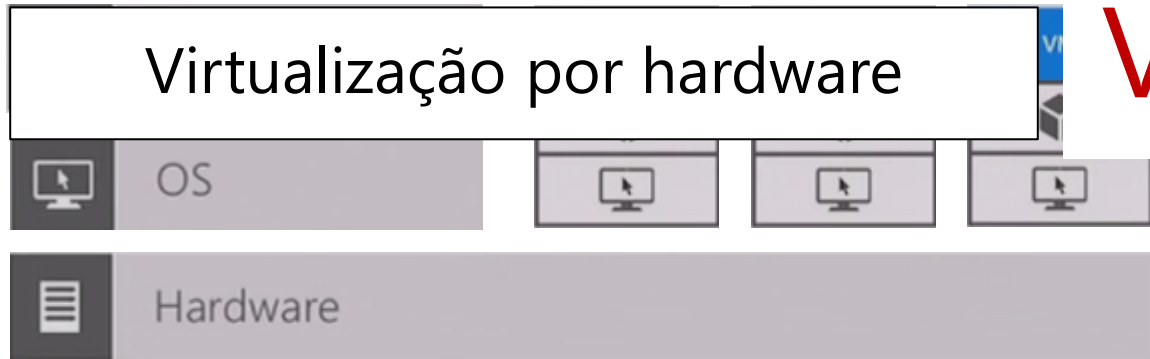




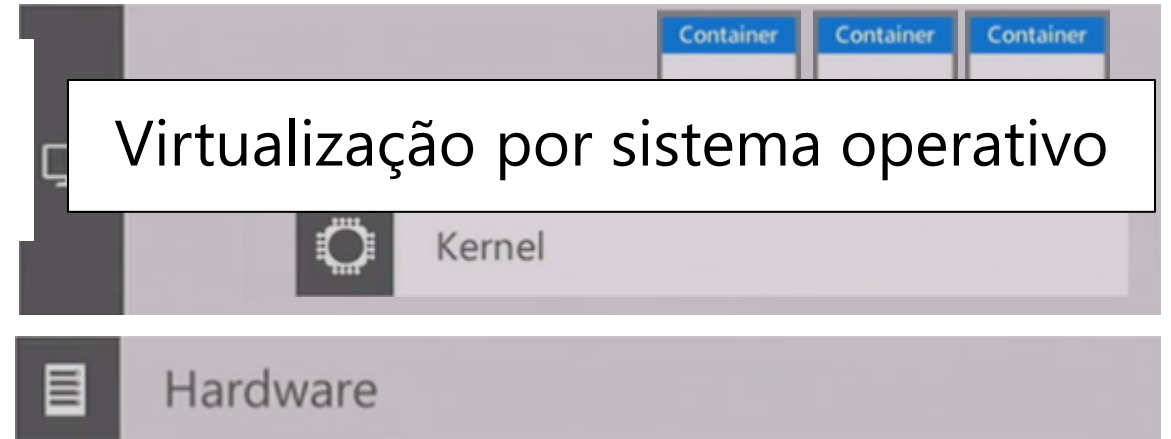
# Windows Containers

Máquinas virtuais tradicionais

Containers

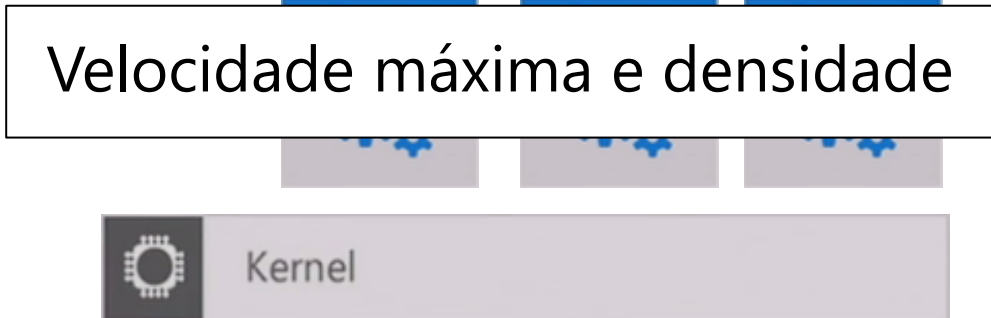


VS

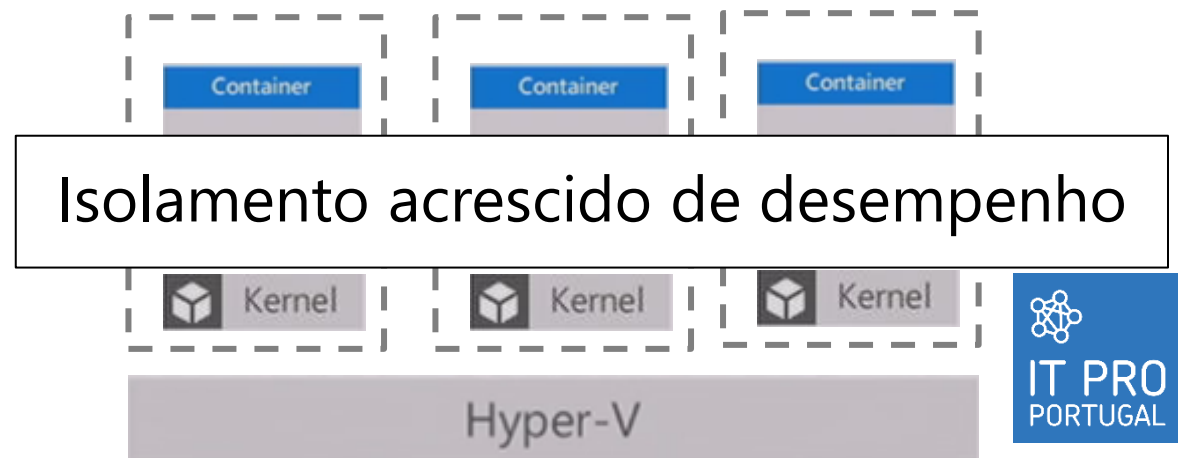


Windows Server Containers

Hyper-V Containers



VS





# Nano Servers


Desktop  
Experience



**Full GUI**  
Specialized  
workloads

Tempo de instalação: 300s  
Tempo arranque: : 85s  
Espaço de disco: 5.4GB


Carga de trabalho  
VM existentes



**Server Core**  
Lower maintenance  
server environment

Tempo de instalação: 35s  
Tempo arranque: 9s  
Espaço de disco: 0,46GB

Containers e  
aplicações modernas

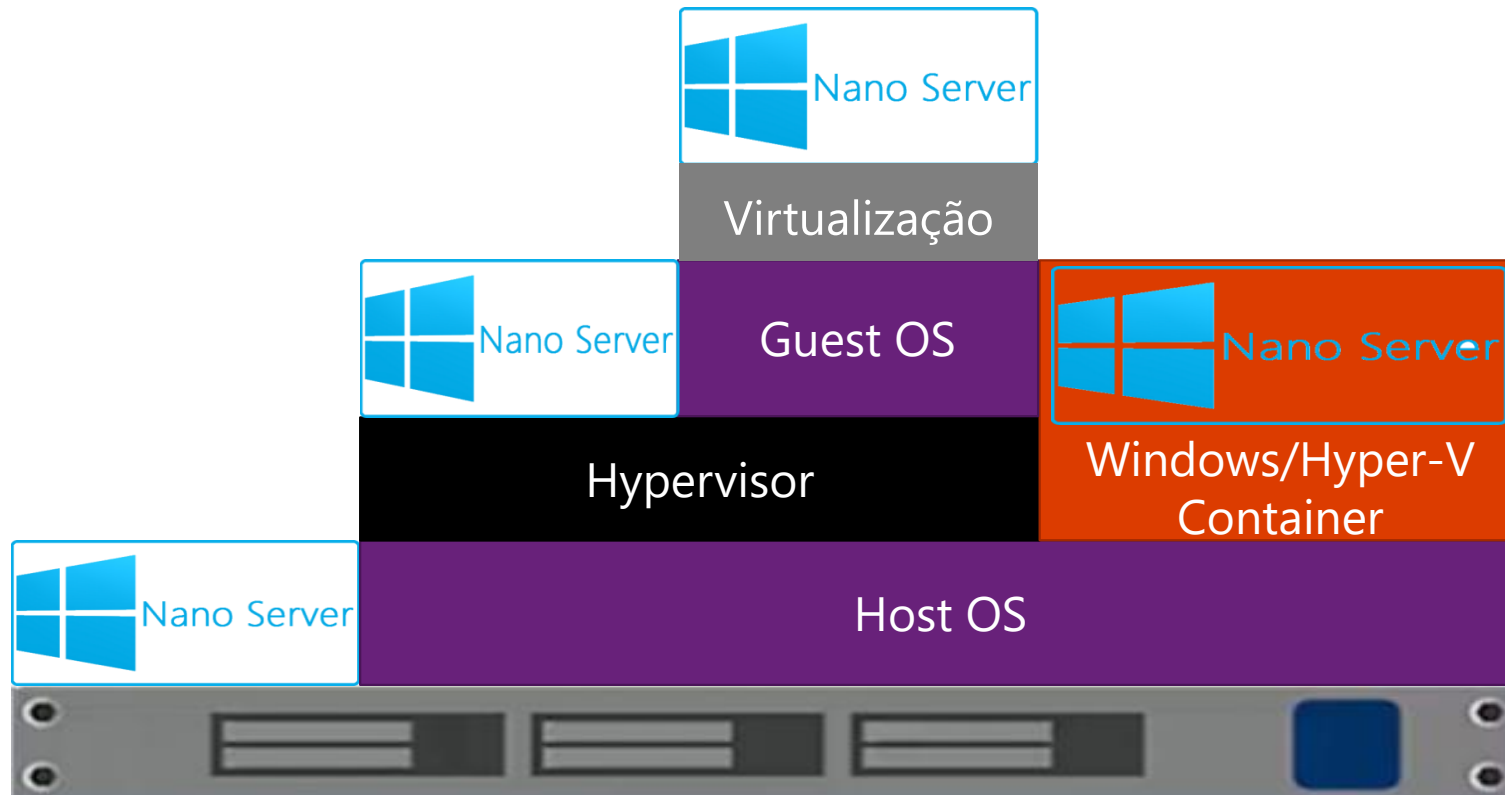


**Nano Server**  
Just enough OS



# Nano Server

Onde podemos instalar ?



O uso das máquinas físicas pode ser usado para infra-estrutura de dados.  
Máquinas virtuais para recipientes de aplicação.



DEMO TIME



# EBOOKS GRATUITOS



# Windows Server 2016

 Kim Spilker September 26, 2016

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We're happy to announce the availability of our newest free ebook, *Introducing Windows Server 2016* (ISBN 9780735697744), by John McCabe and the Windows Server team. Enjoy!

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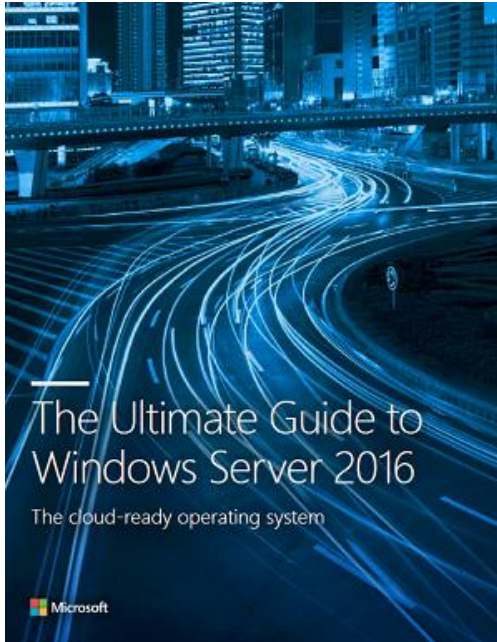
ePub and Mobi for Kindle formats will be available soon.

Windows Server has powered a generation of organizations, from small businesses to large enterprises. No matter what your area of expertise, this book will introduce you to the latest developments in Windows Server 2016. Each chapter has been written by either field experts or members of the product group, giving you the latest information on every improvement or new feature that is included in this version of Windows Server.

<https://blogs.msdn.microsoft.com/microsoftpress/2016/09/26/free-ebook-introducing-windows-server-2016/>



# The Ultimate Guide To Windows Server 2016



Impulsionar a inovação ao mesmo tempo reduzir os riscos de segurança e interrupções de eficiência.

Conhecer a mais recente tecnologia no Windows Server 2016.

Inclui uma visão geral com 18 páginas e aprofunda o Windows Server 2016 com 180 páginas.

<https://info.microsoft.com/TheUltimateGuideToWindowsServer2016.html>

# Questões?



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# OS NOSSOS PATROCINADORES



**Microsoft**

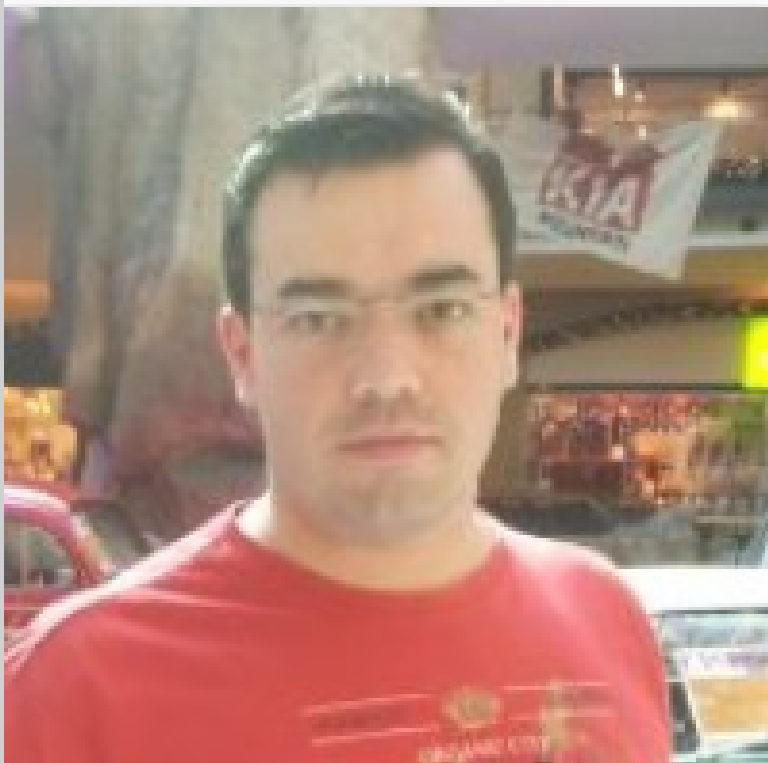


**Rumos**



main  
hub\_





## Ricardo Cabral

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Lisboa e Região, Portugal

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