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Technical Skills

Ricardo Cabral

2019-03-02

LISBON SCHOOL OF ECONOMICS & MANAGEMENT UNIVERSIDADE DE LISBOA

IT PRO PORTUGAL

PowerShell Portugal

Data Community Portugal

Office 365 Portugal

REVISTA PROGRAMAR

CoderDojo LX

PASS GLOBAL PORTUGUESE VIRTUAL GROUP

SELECT * FROM GDCPFDayLisboa2019.Speakers WHERE Name = Ricardo Cabral';

- Technical Engineer and also Microsoft Certified Trainer (MCT).
- IT Trainer | IT Consulting.
- I participate, volunteer and speak in community meetings.
- In my free time I'm often spotted at Xbox Live.

Microsoft
CERTIFIED
Trainer

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SELECT * FROM Agenda;

- Types of sessions
- Speaker
- Ice breaker
- Preparation to create the presentation
- Visual presentation
- Demos
- Time management
- References and Copyright
- Q & A time

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Types of sessions

- Technical session
- Commercial Presentation and/or Marketing and/or Product
- Internal Presentation
- Academic Presentation
- Training

- What do all of these have in common?
  - A speaker.

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Types of sessions

- All sessions are not the same.
  - No!!!
- We do not control the various types of environment.
  - Number of participants.
  - We do not control the premises.
  - We do not control equipment that does not belong to us.
  - We do not control the Internet connection (Firewall, filters, blocking, among others).
  - …
- We must have contingency plans
  - Video / audio adapters (VGA, HDMI, mic jack extension cable, ...).
  - Electric extensions.
  - Copy of presentation (USB flash drive, USB hard drive, Cloud storage, ...).
  - Internet connection (For example: Hotspot, mobile phone, ...).
  - Ethernet cable (Wi-Fi is slow, limited, requires specific configuration, ...).

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Speaker

- Dialogue of a speaker
  - Expressive.
  - Use clear language.
  - Variation of tone of voice.
  - Active Speaker -> active audience.
- Jokes
  - Introduction of moment of humor.
- Avoid everything related with!!!
  - Gender.
  - Religious orientation or religious expressions.
  - Sexual orientation.
  - Roots (ethnic).
  - …

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Ice breaker

Try not to use
(to childish)

Source: spreadshirt.co.uk

Technical sessions *

Source: comics.cloudtweaks.com

- Technical sessions *
- Commercial presentation *
- Internal Presentation *
- Academic Presentation *
- Training *

Source: phoenixs.co.uk

* Always check the image licensing terms.

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Ice breaker

Why always check the license terms for the image?

- Classroom
- Commercial
- Commercial Publication (limit print number)
- Commercial Publication (Time limit)
- Electronic Rights
- Forum
- Gifts
- Newsletter
- Non-Commercial
- Non-profit Printed Publication
- Personal Use
- Presentation
- Printed Publication
- Publication
- Social Media
- Worldwide, region or local

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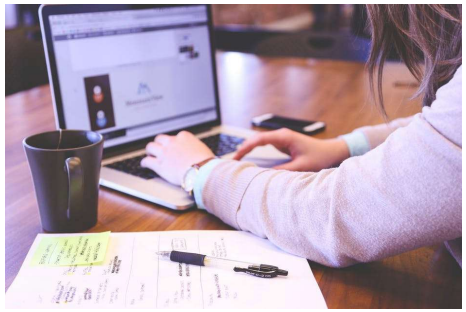
Preparation to create the presentation

- Storyboard

Source: rawpixel.com

Source: startupstockphotos.com



Source: startupstockphotos.com

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Visual presentation

Virtual Switches

- Hyper-V Virtual Switch is a software-based Layer-2 network switch
- Private
  - Can create unlimited private virtual switches
- Internal
  - Can create unlimited Internal virtual switches
- External
  - Each external virtual switch is connected to Ethernet or wireless adapter.
- VLAN, DHCP Guard, Network Traffic mirroring

#5 Community Evening

Virtual Switches

- Hyper-V Virtual Switch is a software-based Layer-2 network switch that we can use to connect the virtual machines to the host computer or physical networks. And he can create several types of virtual switch
- Private, this virtual switch option only allows that virtual machines talks with others virtual machines, but is not possible to talks with the host or any physical network. We can create unlimited private virtual switches
- Internal, this virtual switch option allows that virtual machines talks with each virtual machines an with any virtual machine or the host but is not possible to access to any physical network. We can create unlimited internal virtual switches.
- External, this virtual switch option allow the virtual machine to talk to any host, computer or defined network (Host Ethernet or Host Wi-Fi). But we can only create one external virtual switch for every network hardware available in the host.
- VLAN, DHCP Guard, Network Traffic mirroring are network functionality available in Hyper-V.

#5 Community Evening

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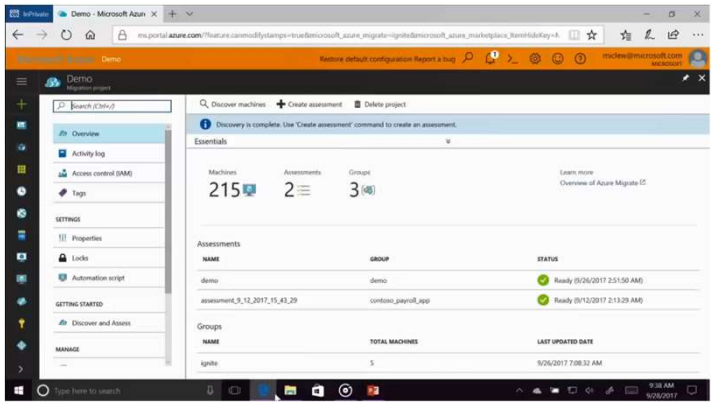
Demos

- The terror and Achilles' Heel of the speaker.
- Always test !!!
  - Murphy's law "Anything that can go wrong will go wrong".
- Never upgrade the Operating System or applications before the session.

Microsoft Surface presentation
FAIL, 1:19
Video available on YouTube



Microsoft presenter installs
Chrome after Edge freezed , 2:24
Video available on Youtube

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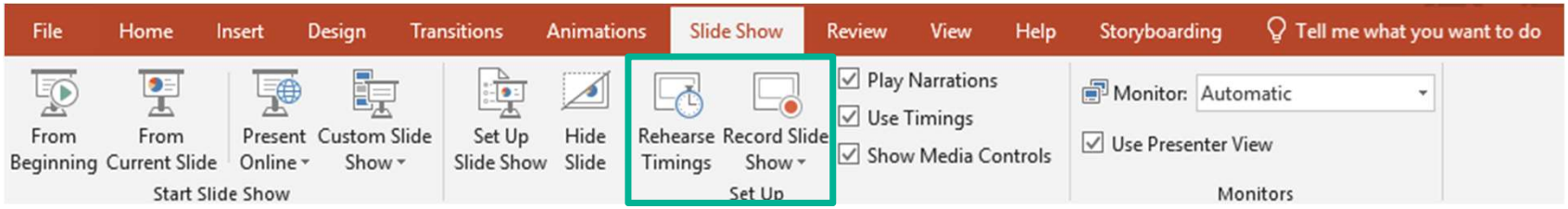
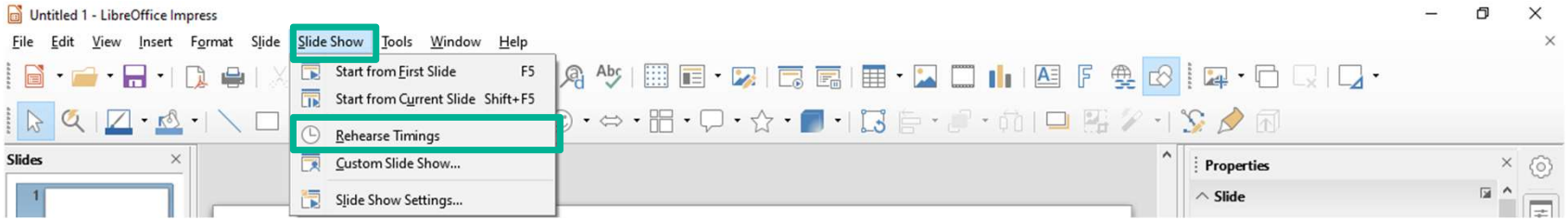
Time management

Microsoft Office PowerPoint



LibreOffice Impress Version: 6.1.2.1



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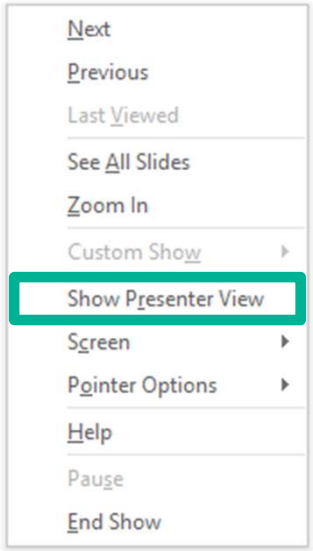
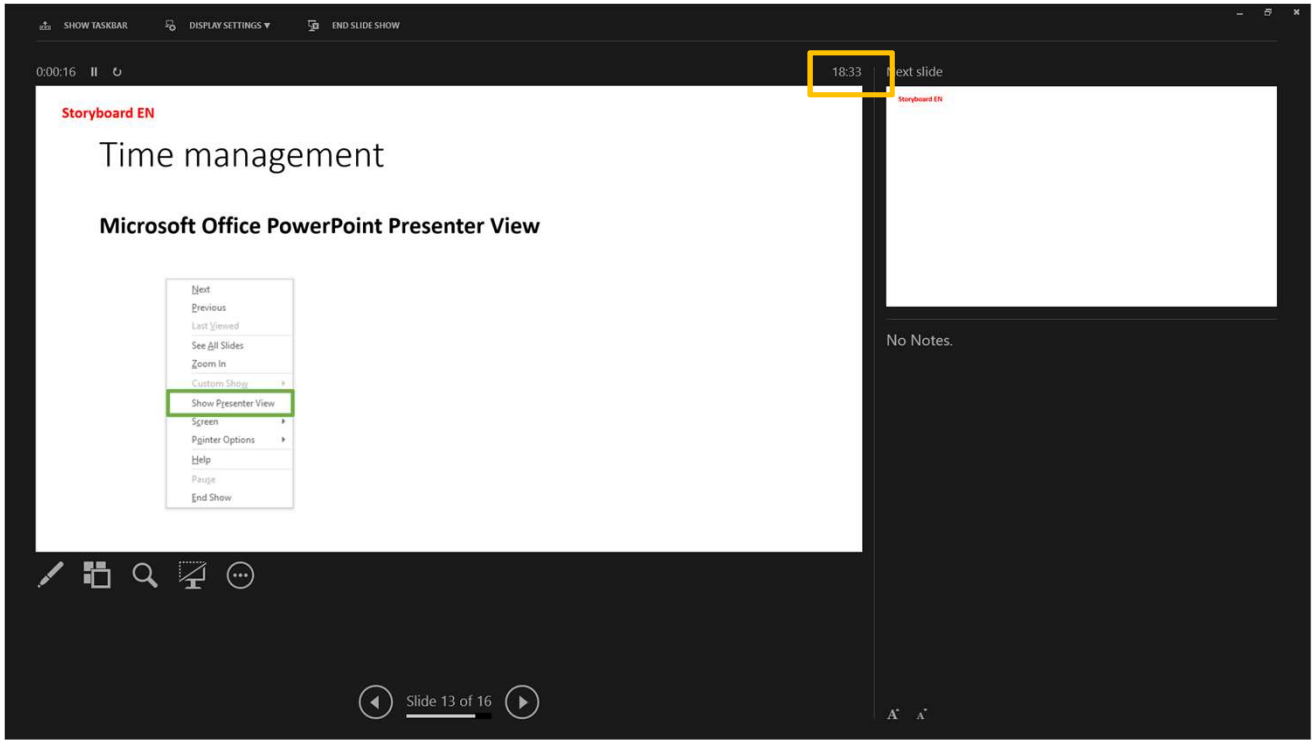
Time management

- Microsoft Office PowerPoint Presenter View





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References and Copyright

- Always refer to content that we use.

- Images
  - Google Images : https://images.google.com
  - TinEye: https://www.tineye.com/

- To avoid several or various injustices (for example plagiarism)
  - Write only in a fixed language
    - Example do not join EN-UK + EN-US expressions, or PT-PT + PT-BR.

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Q & A time

Source: keepcalmandposters.com

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Sponsors and partners

Thank you, pá!

Thank You!

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