



WELCOME TO DXD L4 DEVOPS CULTURE AND METHODOLOGIES



**7 - 9 December 2020
09:30 - 16:30**

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Troubleshooting

If I Disconnect	<ul style="list-style-type: none">• One of you will automatically become the host and when I return, I'll resume the course• Please don't leave the session
If you Disconnect	<ul style="list-style-type: none">• Don't Panic• Re-join using your link
Contact	<ul style="list-style-type: none">• virtual.learningteam@qa.com• Chat link from your joining email• 0203 908 2376

QA

CHAT

WINDOW

Ask & Answer Questions

Add Comments

Chat with everyone



Chat

from Liz Robertson to All Participants:

Hello and welcome to the session, I will be with you shortly.

Send to:

All Participants

Send

QA

EMOJIS

How are you feeling?
Need a coffee?
Finding a topic interesting?

Participants

Panelist: 1

Liz Robertson (Host, me)

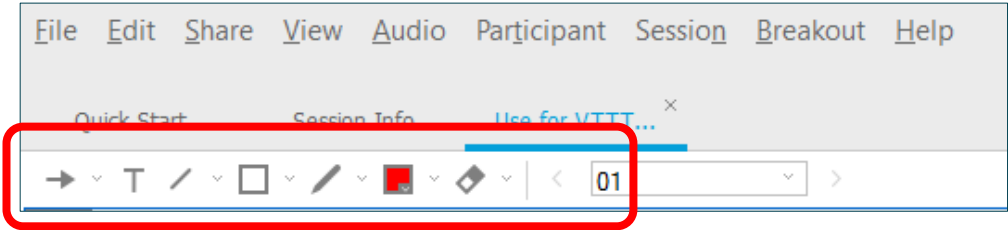
Attendee: 0

Yes / No



ANNOTATION TOOLS



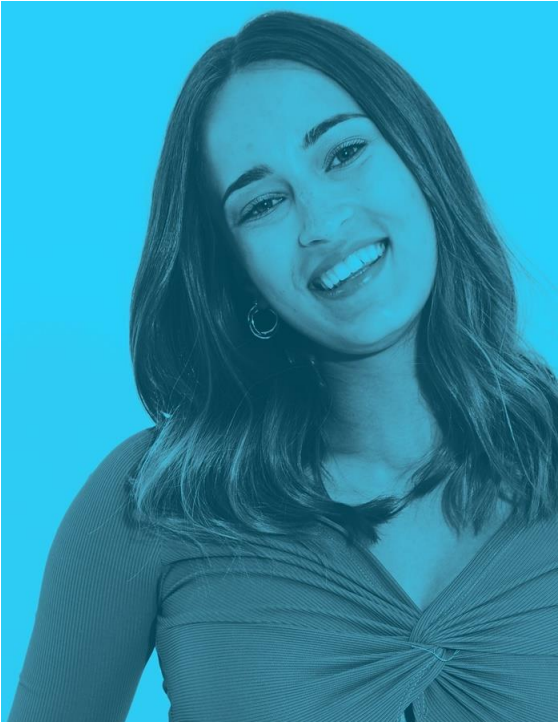




Use the annotation tools to show where you are...



QUESTIONS?



QA



General timings

- 09:30 start
- 16:30 end
- 12:30 - 13:30 lunch
- 10 minute break about every hour



Monday

- Introduction
- DevOps as a culture
- Continuous integration

Labs...

- Agile planning
- Designing a CI pipeline

QA



Tuesday

- Continuous delivery / deployment
- Introduction to source control
- Git basics
- Git branching
- Git forking
- Pull requests

Labs...

- CD in the real world
- Other technologies
- Practical Git

QA



Wednesday

- Installing Jenkins
- Jenkins jobs
- Other miscellaneous topics

Labs and activities...

- Practical Jenkins
- Quizzes

Course evaluation / next steps



- Learner Guide (PDF)
- Slides (as PDF)
- Lab instructions (PDF)
- File transfer of zip file coming up...



- Remote PCs are available for anyone who needs them [links TBC]

If using own PC...

- IDE (e.g. Visual Studio Code)
- Git installed
- Git Bash (for Windows)
- Putty (for Windows)

- Everyone: GitHub account

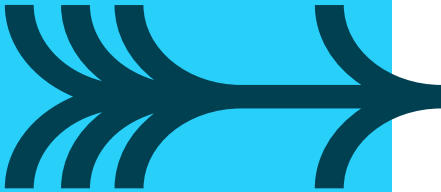


Could you let me know (via chat)...

1. Estimate % of online learning completed
2. How useful did you find it?



END OF MODULE REFLECTION / SUBMISSION



- What's the key thing that you have learnt?
- What's the key thing that you will want to improve, or do differently?
- Also, when you get back to your workplace, can you briefly tell us:
 - What will you stop doing as a direct result of this Discover/Practise activity, and when?
 - What will you start doing as a direct result of this Discover/Practise activity, and when?
 - What will you continue doing, going forward?
 - How do you know that you have been successful?



- See the "apply" activity in Bud
- ... produce a project that explains and expands on your role within the company, and that evidences research you have done on a DevOps pipeline at work
- Your output will be added to your final portfolio, as evidence



INTRODUCTIONS



About me...



- **Andrew Burgess**
- **Software Developer / Tutor**
- **Marconi Underwater Defence Systems | Lucas Aerospace | CODA Financials | bespoke software houses | packaged software houses | Carlsberg IT | web / advertising agencies | OutSystems (low-code)**
- **Assembler | C | C++ | C# | some Java | Python | JavaScript**
- **SQL Server | ASP.NET MVC | .NET Core | NodeJS | AngularJS | Angular**
- **Docker | AWS | Azure | CI/CD pipelines**



It's all about YOU

Name

Where do you work?

Knowledge and Experience
(programming, DevOps etc)

What are your Objectives for the event?	
Daniel F	
Daniel M	
Dinesh	
Mark	

