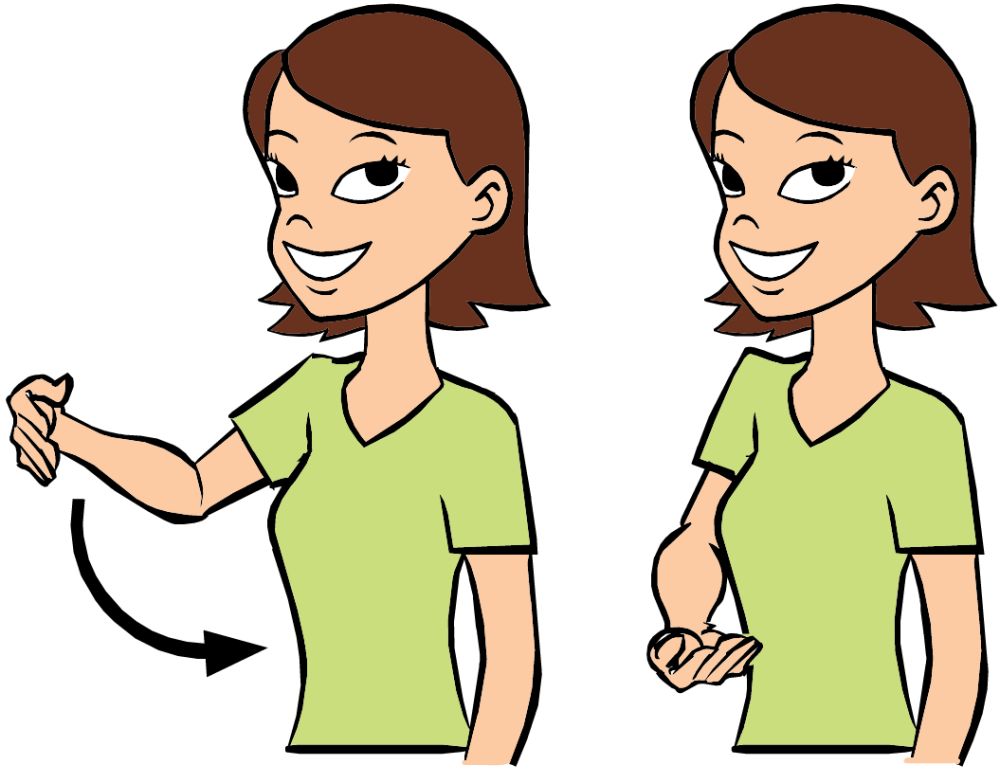


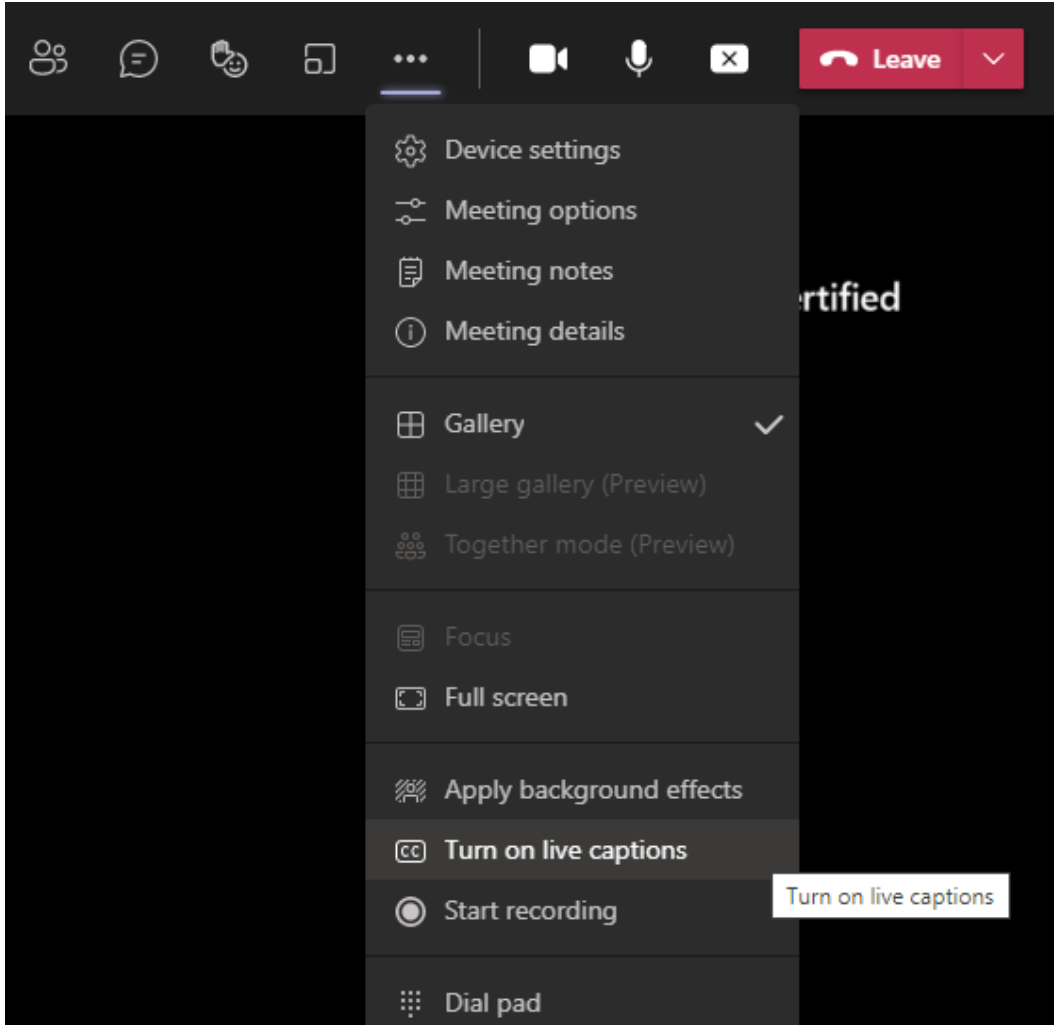
Data TGIF.
learn.
connect.

Session will start at
17:00 CEST

Welcome!



Before we start…



A Lunar Cat production...



From the producer of...





















all different
all equal

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connect.



Accessibility in IT

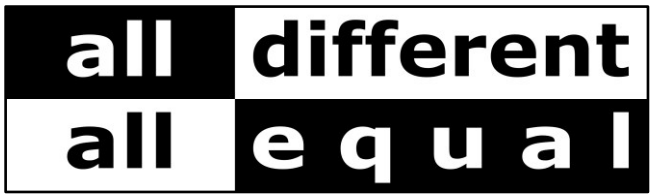
Data TGIF

2022-05-20

André Melancia
Andy.PT

Inclusion is built into democratic institutions

- European initiatives (1990s – ongoing):



- European Union:

« Treaty of Lisbon [2007]

Article 1a

The Union is founded on the values of respect for human dignity, freedom, democracy, equality, the rule of law and respect for human rights, including the rights of persons belonging to minorities. These values are common to the Member States in a society in which pluralism, non-discrimination, tolerance, justice, solidarity and equality between women and men prevail. »

Inclusion is built into democratic institutions (cont.)

- Universal Declaration of Human Rights:

  « Article 25

  Everyone has the right to a standard of living adequate for the health and well-being of himself and of his family, including food, clothing, housing and medical care and necessary social services, and the right to security in the event of unemployment, sickness, disability, widowhood, old age or other lack of livelihood in circumstances beyond his control.»

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Inclusion is built into democratic institutions (cont.)

Constitution of the Portuguese Republic (1976):

« Article 13 (Principle of equality)

1. All citizens possess the same social dignity and are equal before the law.

2. No one may be privileged, favoured, prejudiced, deprived of any right or exempted from any duty for reasons of ancestry, sex, race, language, territory of origin, religion, political or ideological beliefs, education, economic situation, social circumstances or sexual orientation. »

Federal Constitution of the Swiss Confederation (1999):

« Art. 7 Human dignity

Human dignity must be respected and protected.

Art. 8 Equality before the law

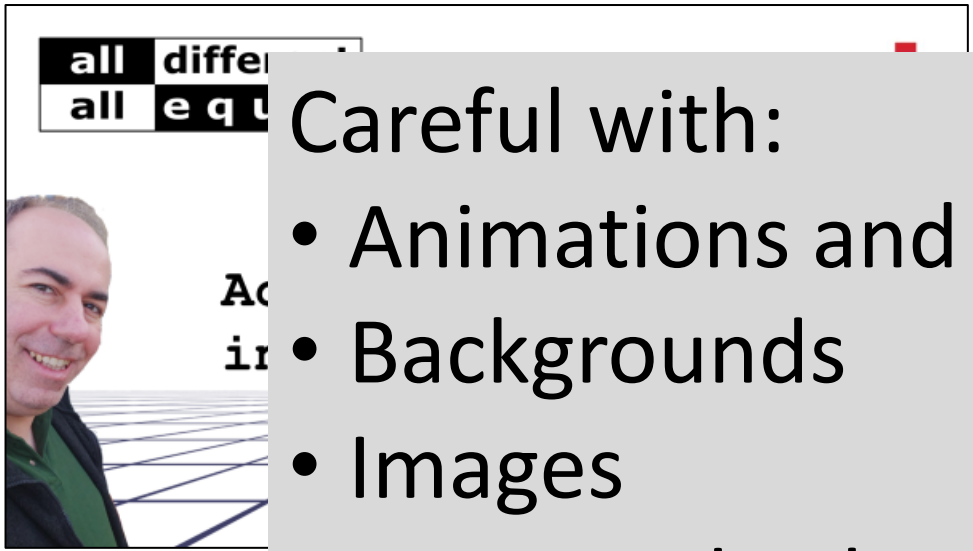
1 Every person is equal before the law.

2 No person may be discriminated against, in particular on grounds of origin, race, gender, age, language, social position, way of life, religious, ideological, or political convictions, or because of a physical, mental or psychological disability.

[…]

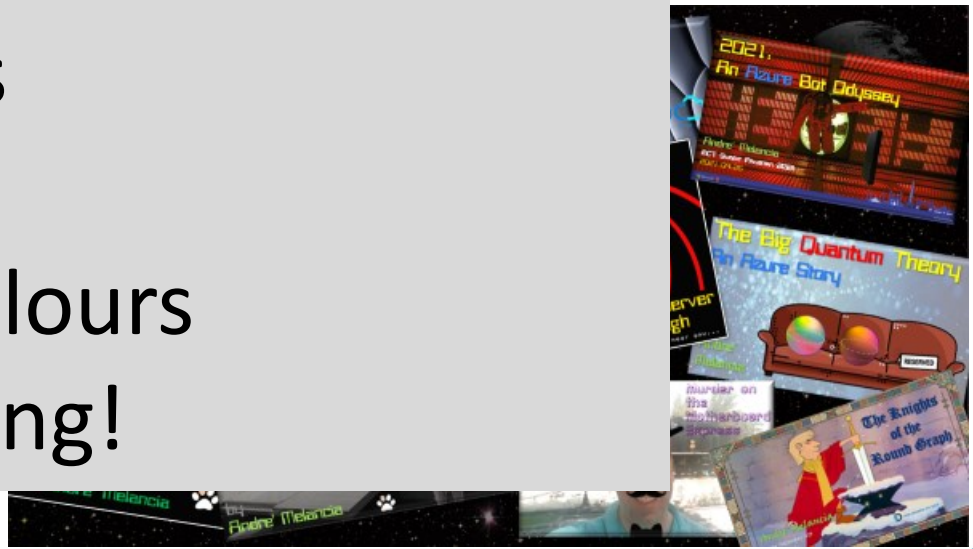
4 The law shall provide for the elimination of inequalities that affect persons with disabilities. »

"See" a problem?



Careful with:

- Animations and transitions
- Backgrounds
- Images
- Fonts and colours
- Yes, everything!



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connect.

Videos about Seeing AI…

See it online:

- https://www.youtube.com/watch?v=R2mC-NUAmMk
- https://www.youtube.com/watch?v=bqeQByqf_f8
- https://www.microsoft.com/ai/seeing-ai

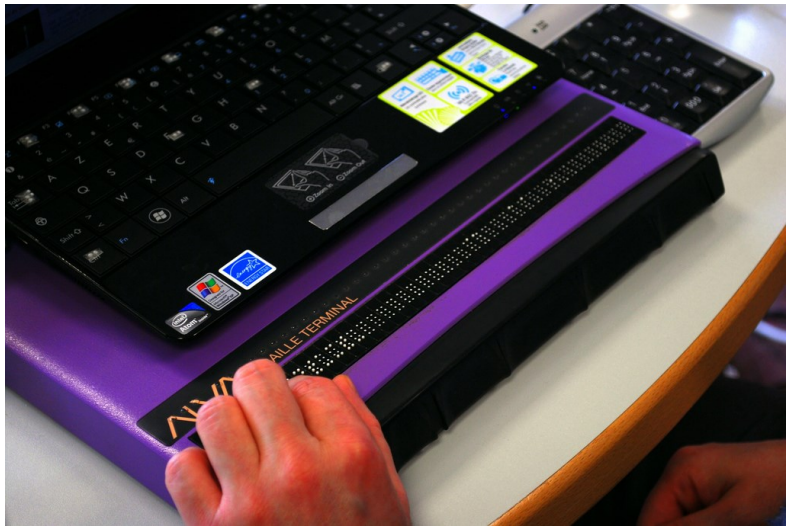
Accessibility addresses multiple problems

- Some have a technological solution
  - Mechanical, visual or audio aid, AI / Cognitive, etc.
- Others need a Human solution
  - Help, understanding ou simply patience!
  - Society, education, upbringing…

- Some situations are permanent
- Others are temporary

Inclusiveness for everyone, even when…

- Blind
- Visually impaired (low vision, partial sight)
- Colour blind
- Epilepsy
- Hearing (none or partial)
- No voice
- Mobility challenges
- Neurodiversity challenges
- Etc.



Try this yourself…
Walk in the same shoes.

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learn.
connect.

Questions?



https://forms.offi

Standards Links:

EU accessibility

- EU Web Accessibility Directive

W3C accessibility

- w3.org/WAI/fundamentals/accessibility-principles
- WCAG 2.1

Microsoft accessibility

- microsoft.com/accessibility
- microsoft.com/ai/ai-for-accessibility
- microsoft.com/ai/seeing-ai
- Cognitive Services
  - Azure.com -> Products -> AI -> Cognitive Services
  - Docs.Microsoft.com/Azure/Cognitive-Services

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connect.



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connect.

André Melancia
Andy.PT

Vielen Danke!
Дуже дякую!
Благодаря!
Thank you!
Obrigado, pá!
ধন্যবাদ
¡Muchas gracias!
धन्यवाद्
Hvala vam!
ඔයාට ස්තූතියි
Ευχαριστώ!
Merci beaucoup!
Terima kasih!
Grazie mille!
Ďakujem!
Mulțumesc!
Labai ačiū!
Dziękuję Wam!

Mockrát děkuju!
Mange tak!
Kiitos!
Takk fyrir!
Dank u wel!
Takk!
Dank je!
Tack så mycket!
Köszönöm!
Go raibh maith agaibh!
Diolch!

