HUMANS IN CHARGE 2024

LET'S SET RESPONSIBLE AI IN MOTION!

INTERNATIONAL SYMPOSIUM

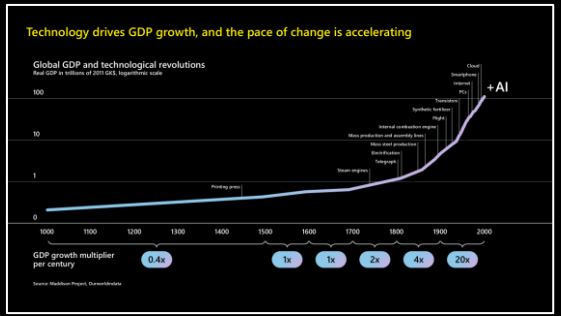
PART OF TECHDAYS HUNGARY

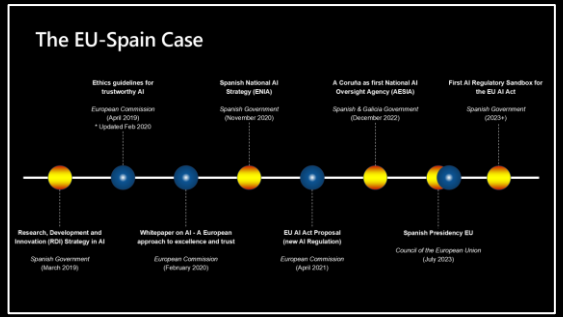
NMHH
National Media and Infocommunications Authority • Hungary

PREVIOUSLY
ON LOST

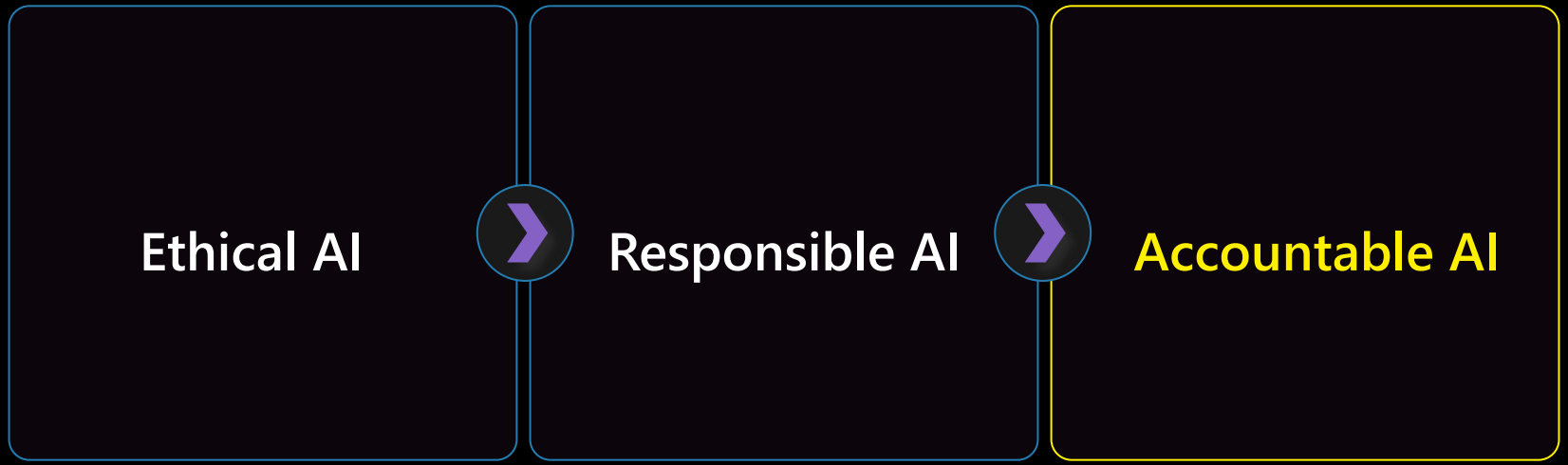
Previously on Humans in Charge…

The New Era of AI

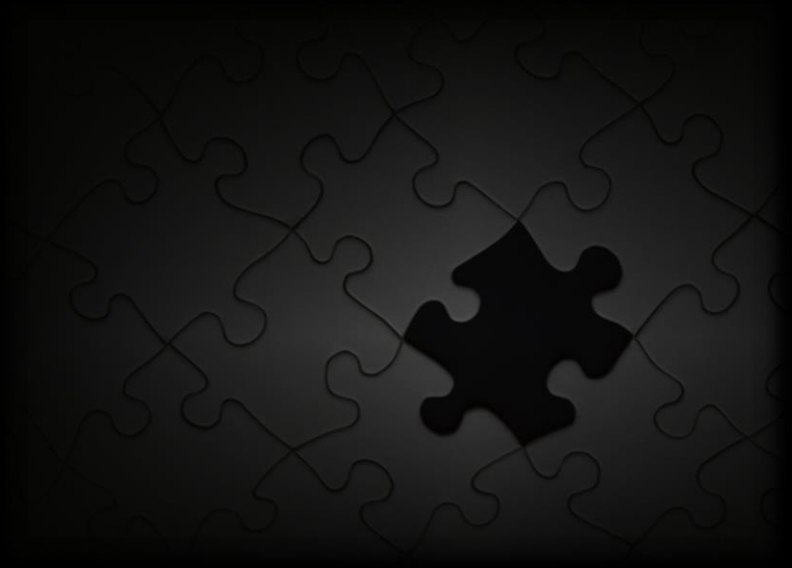




… one year after, the era of AI accountability is here



Understanding the AI puzzle in 2024+



Regulations

AI | Data Privacy | Industry

Local & International Perspective

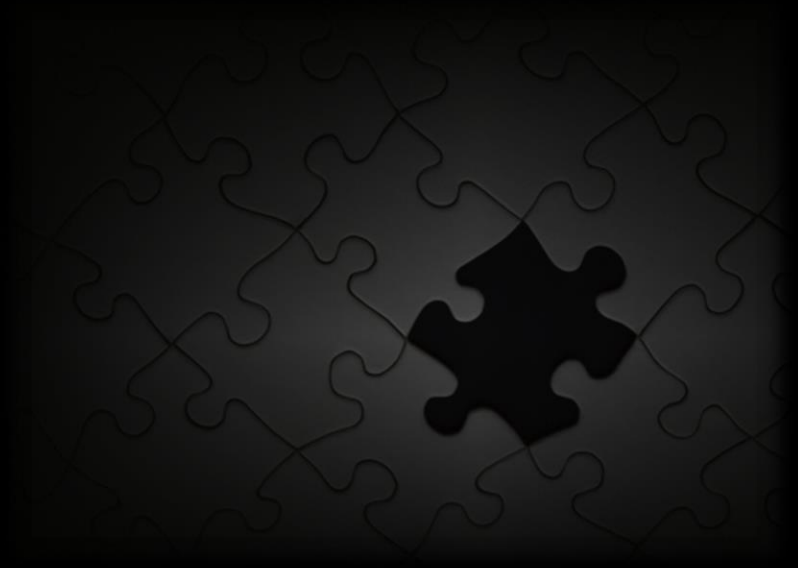
International Standards

National Frameworks

Other Frameworks
(DAMA, DCAM, etc.)

Company Assets & Best Practices

Understanding the AI puzzle in 2024+



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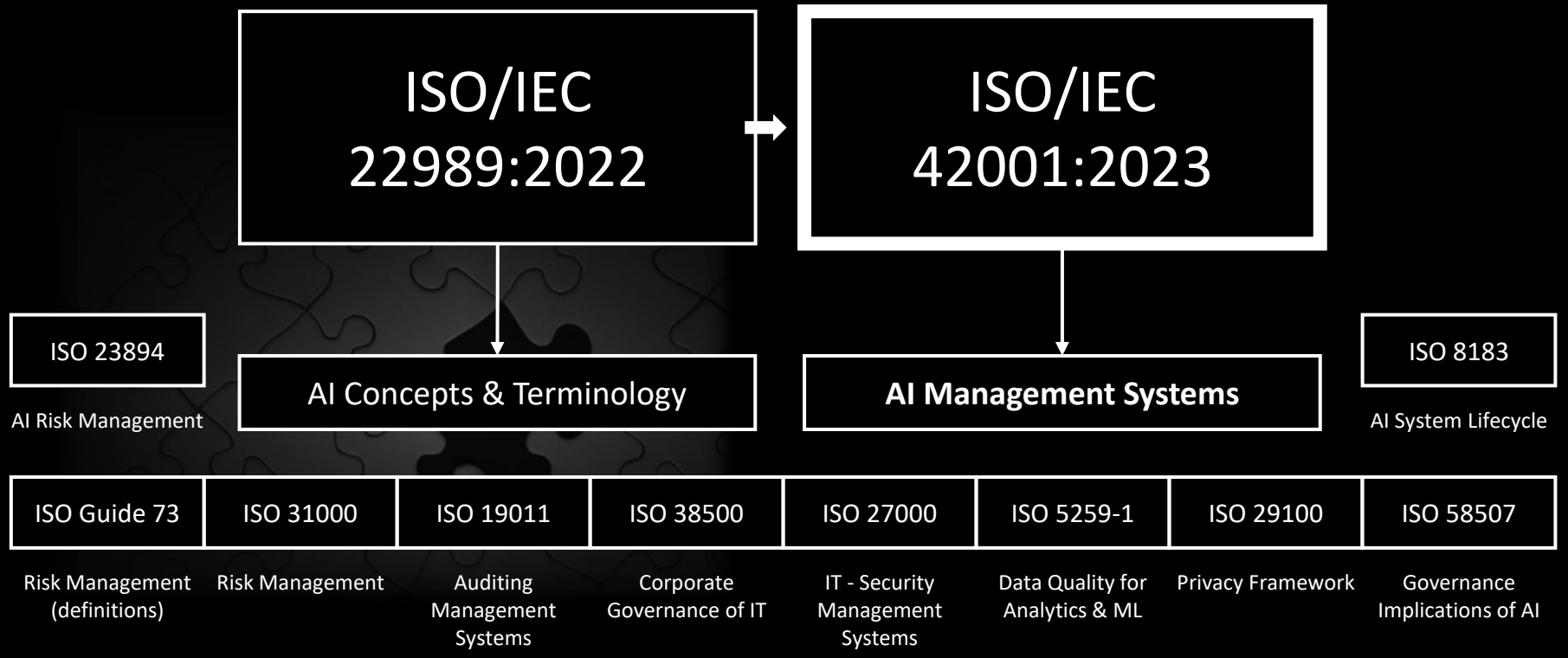


Understanding the AI puzzle in 2024+

AI Regulations

European Union

AI Act

Canada

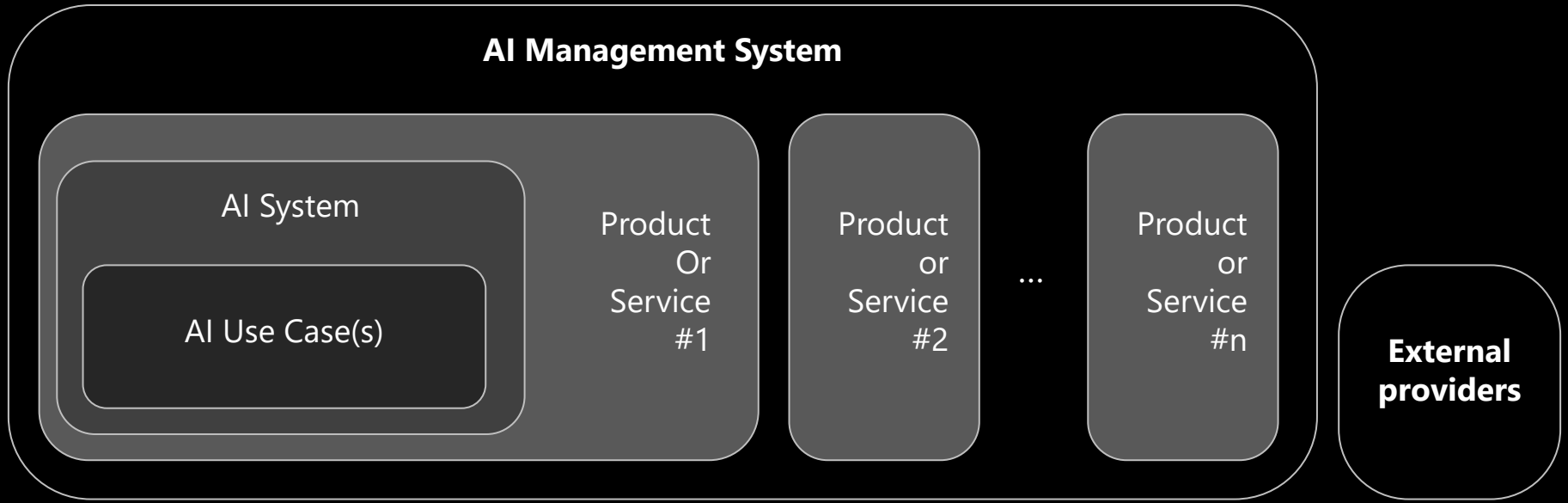
AI & Data Act (AIDA)

United States

Bill SB 1047 & +

… and more to come

But what do we really govern on AI?



Fighting the analysis paralysis syndrome

Asset #1 – AI Software Bill of Materials

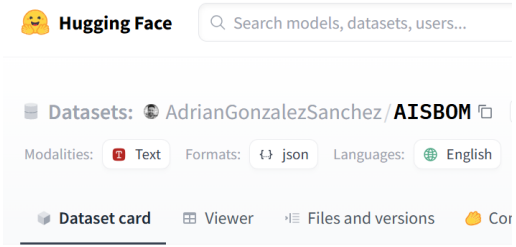
Transparency

Example 1 – Linux Foundation's SPDX

SPDX AI

https://spdx.dev/learn/areas-of-interest/ai

Example 2 – AI-SBOM .json file



https://huggingface.co/datasets/AdrianGonzalezSanchez/AISBOM

Asset #1 – AI Software Bill of Materials

Transparency

AdrianGonzalezSanchez Upload AISBOM_spec.json 19b82de VERIFIED 9 months ago

raw Copy download link history blame edit delete No virus 9.88 kB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        "Description": "ACME activity",
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        "Address": "ACME location",
        "Country": "ACME country",
        "Main_Contact": "Main company name and email contact, executive level, for AI topics",
        "DPO": "Data Protection Officer contact, or similar for non-EU countries",
        "Applicable_Authorities": {
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            "Others": "Any continental or international applicable authority"
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    },
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        "Name": "name of the solution or product that leverages the AI system and where the AI system is embedded",
        "Description": "detailed description",
        "Intended_purpose": "detailed description of the use for which the AI system is intended by the provider, See definition of intended purpose in Article 3 (12)",
        "Focused_Market": "B2C or B2B or internal use, Applicable to both internal and external apps",
        "Date_Market": "Date the Product with the embedded AI System is placed on the market or put into service", # Relevant for the 10-year documentation retention perio
        "Market_MemberStates": "Name of each Union Member State where the AI System is being placed on the market or put into service ... to measure the risk weather there
        "AI_Role": "Specific details of how AI improves the system",
        "Transparency_Tools": "Specific details of where the AI transparency is made available, such as websites, QR codes for physical devices, technical changelog",
        "GenerativeAI_Flag": "If applicable: YES or NOT (The AI System includes any Generative AI piece)... If it includes Generative AI components, pay attention to Gener
    },
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        "Date_Market": "Date the Product with the embedded AI System is placed on the market or put into service",
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        "AI_Role": "Specific details of how AI improves the system",
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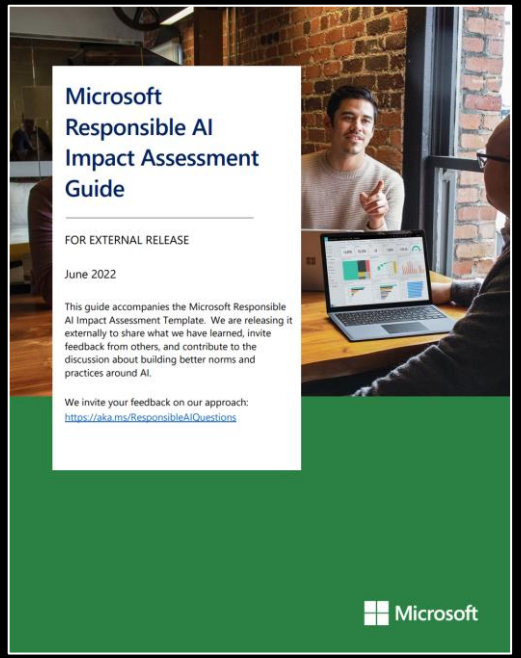
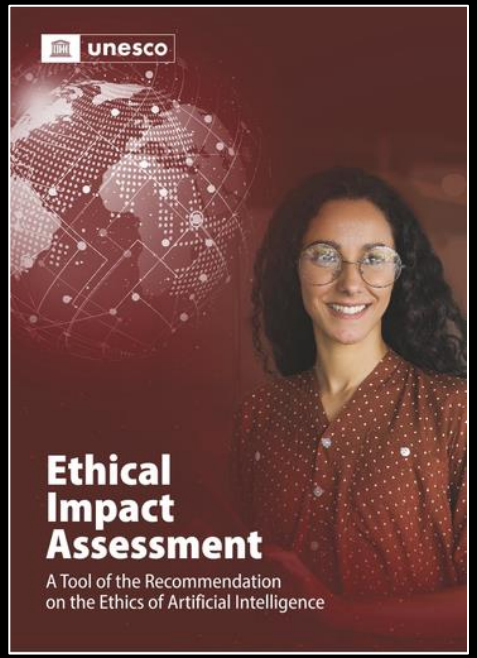
Asset #2 – Impact Assessments

Risk Mitigation



https://blogs.microsoft.com/wp-content/uploads/prod/sites/5/2022/06/Microsoft-RAI-Impact-Assessment-Template.pdf

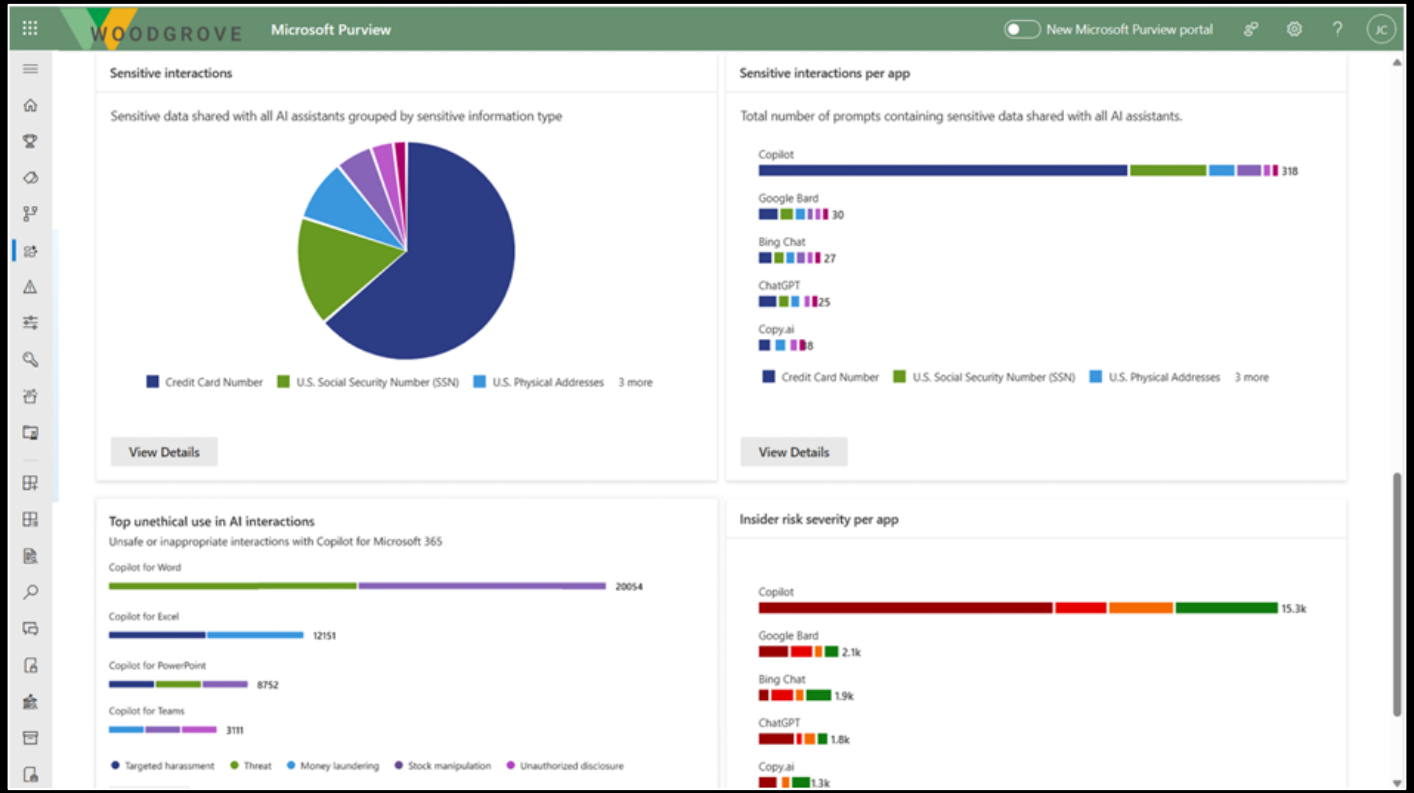


Ethical impact assessment: a tool of the Recommendation on the Ethics of Artificial Intelligence - UNESCO

Asset #3 – AI Governance Solutions

Governance

Example: Microsoft Purview (AI Hub)



Still a lot to go, but at least we are all a bit less... LOST