



Collaborate | Advocate | Standardise

# A Brave New World

## Digital Reporting and AI

John Turner  
CEO XBRL International

 @xbrlint

# Outline

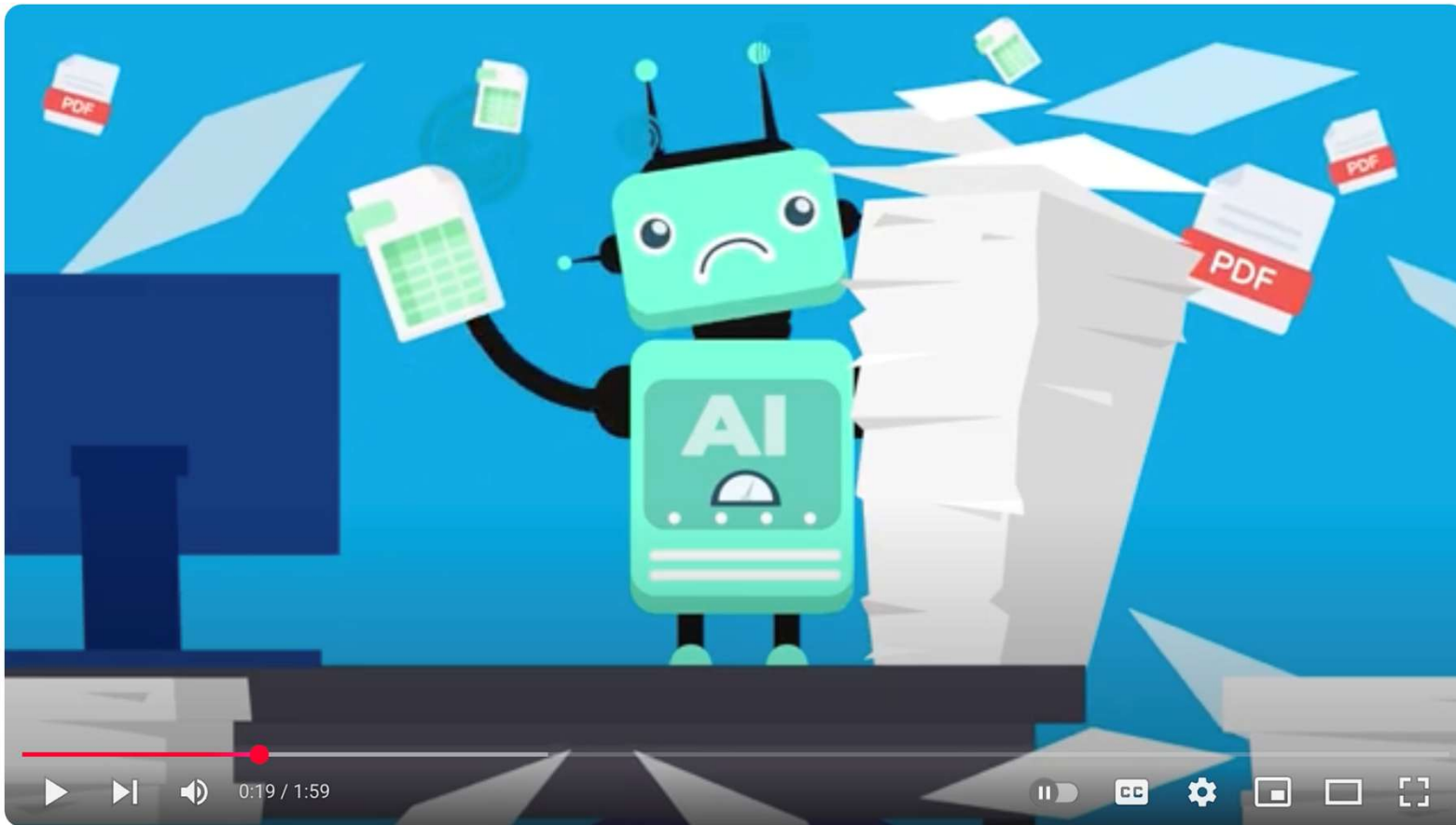
---

1. The AI is Magic Meme
  2. The Model Matters (Most?)
  3. A new fiduciary duty?
  4. Digital Reporting Infrastructure
  5. The next step in XBRL modernisation
-

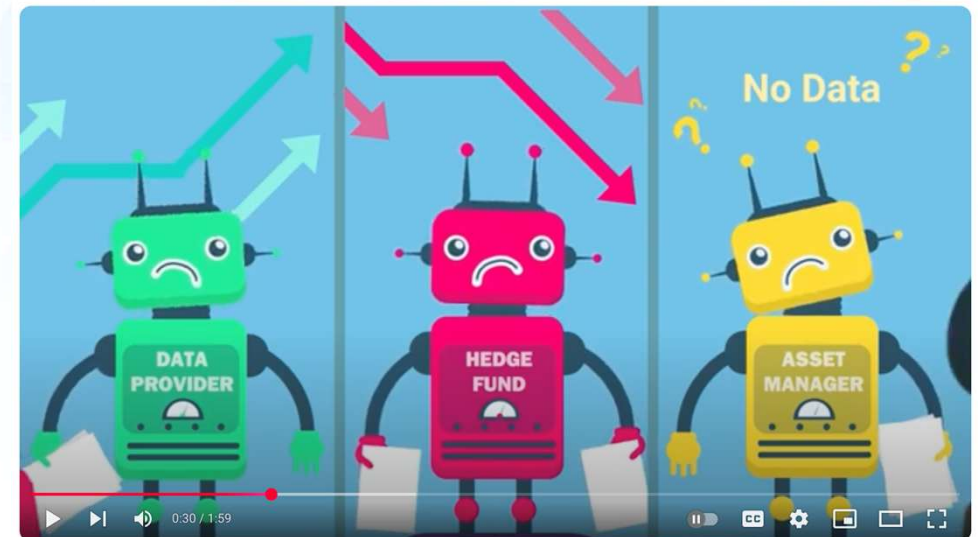
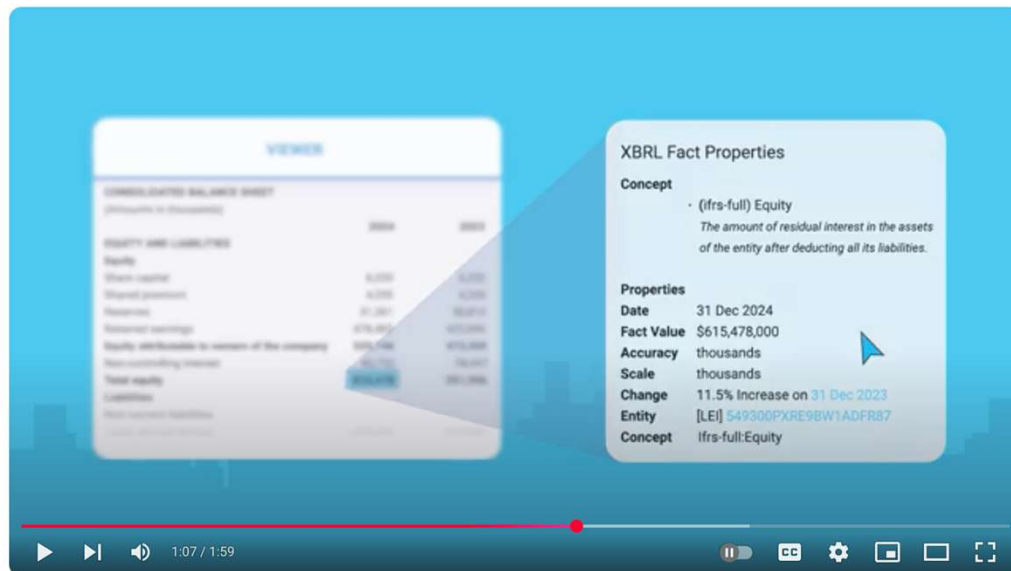


## What is XBRL International?

Our purpose is to enhance business performance by improving accountability and transparency through the provision of the open data exchange standard for business reporting.



- Different AIs... even well-trained AIs will come up with different answers to the same questions using the same unstructured inputs. The data and its definitions must be structured and traceable.



**Structured data =  
Management Accountability  
in the AI era.**



# Amplified Insight

Squeeze *everything* out of your data

Structured data enables:

- Precise AI analysis
- Faster comparisons and benchmarking
- Smarter market oversight

No structure? AI guesses.

With structure? AI reasons.



# The Model Matters

**You and your systems need to understand the model**

- Your metadata, your taxonomy, your ontology: it's the digital twin of your domain.
- Look at the way that the construction industry is transforming project management, workforce management, logistics and safety management through real-time business accessible models of their environments.





ChatGPT - Querying IFRS Acc x +

chatgpt.com/g/g-6822eb1f411881919fe3a1a6f5f03afa-querying-ifrs-accounting-taxonomy-2024

Finish update

Querying IFRS Accounting Taxonomy 2024

### Querying IFRS Accounting Taxonomy 2024

By Revathy Ramanan

uses draft Taxonomy OIM JSON format

Explain 'Gains (losses) on litigation...

Explain "ifrs-full:PropertyPlantAr

Describe "Oil and gas assets [member]" along...

Please explain, with the relevant cube and heirarchies, including information about which IFRS standards require disclosures, how the Property Plant and Equipment framework should be used for non-financial listed corporates.

+ |

@xbrlint

XBRL





High Quality  
Authoritative  
Comprehensive  
Well-tested

Model



High Quality  
Assured  
Management-  
Accountable

Structured Data

# Things I (still) worry about with all this new data...

Regulators, worldwide, will have  
**\*all\*** the data before long

- Moral Hazard (from Akerlof onwards)
- Reputational Risks
- Cyber threats





# A New Fiduciary Duty to Analyse?



# But that also means...

## Data Houses in Order...

- As we move forward, regulatory data ecosystems will become more and more important.
- That means that the models need to be up to date and accurate.
- That means that the data flows need to be continuously tested, end to end.
- That means that data quality rules/business rules must be front and centre (and fully tested).
- That means that regulators (who are the stewards of this infrastructure) must consider every aspect of the data ecosystem. Changes impact your internal analytics, but they also impact the vendors, the advisors, the auditors AND the regulated institutions.





## So... how about XBRL? Areas for Investment

### Specification Development

Expanding resources available to accelerate specification and guidance development leads to new reporting domains.



### Capacity Building

Advocacy, education, and capacity building are critical to expanded adoption.



### Taxonomy Advances

Advances in taxonomy including concordance, reuse, and analytics responds to the need for intelligent data.



### Report Discovery

Radically improving report discovery is vital.




# OIM Taxonomy

## Key Modernisation and Simplification – with an eye to AI

- A fundamental rewrite of the dictionary, data definition and data inter-relationships aspects of XBRL
  - Removing legacy syntax
  - Simple, clean model framework
  - Explicit support for properties and attributes
  - Clean new approaches to cubes
  - Clean new approach to tables and forms
  - Ability to model without “core” XBRL artefacts: granular data definitions, transactional data... relational and non-relational structures
  - Basis of vastly more powerful and simpler approach to business rules
- .... oh and backwards compatibility!





Our purpose is to enhance business performance by improving accountability and transparency through the provision of the open data exchange standard for business reporting,

Our standards are freely licensed. We operate as a public interest global not-for-profit standards development organisation.



## Takeaways



- AI is central - needs high quality models and a single source of structured truth.
- A new fiduciary duty?
- All our data houses in order.
- XBRL is working to do our part... you can help!





## Legal Notices

The information contained in this presentation represents the opinions of the speaker and may not represent the views of XBRL International, the Board of XBRL International or the consensus opinions of the XBRL Standards Board or Best Practices Board. Nothing in this presentation should be taken to be investment advice and all data representations are merely indicative. The reader should note that only XBRL Specifications that have reached Recommendation status are considered final and suitable for use in software and mission critical systems and must then be used in line with the XBRL International License Agreement. XBRL®, Inline XBRL™, Table Linkbase™ and the XBRL mark are Registered Trademarks or Trademarks of XBRL International Inc in the European Union, United States, China, Japan, India and internationally and may not be used without the permission of XBRL International, Inc including through its Trademark policies and agreements

Copyright © 2001-2025 XBRL International Inc. All rights reserved. No part of this presentation file may be reproduced in any form or by any means without written permission from XBRL International Inc.