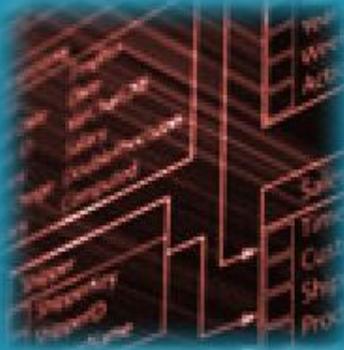


XBRL Taxonomy Tools & Services

A complete set of tools and services to help generate and review XBRL Taxonomies and Formulas

UBPARTNER



Why UBPartner?

- ▲ *A complete set of software for authoring XBRL-taxonomies*
- ▲ *Advanced validation and XBRL Formula support*
- ▲ *Trusted XBRL technology partner to leading software vendors*
- ▲ *Extensive range of implementation partners experienced in local reporting requirements*
- ▲ *Unrivalled real-world expertise in XBRL systems*

At the core of any XBRL system is an XBRL taxonomy or set of taxonomies; therefore getting the taxonomy right is critical to ensuring that the rest of the system can work properly and smoothly.

XBRL taxonomies must contain all the information required for filing companies to understand what they need to submit and for the collectors of the submissions to be able to validate and interpret what they receive. This requires easy to use and robust XBRL tools that enable business users to ensure that the taxonomy encapsulates all the business information that needs to be collected, yet also allows IT specialists to ensure that the design is both technically feasible and can deliver a performant collection system.

UBPartner Taxonomy tools incorporate the many years of experience that UBPartner has gained implementing real-world XBRL systems and are designed to make the adoption of XBRL as easy as possible for both business users and for systems developers. Built upon the leading XBRL technology platform, they guarantee that any taxonomy created is 100% compliant with the XBRL standard.

Complete Set of Tools

UBPartner XBRL Taxonomy tools provides a range of features to help users address each of the different tasks that need to be undertaken in the development and maintenance process.

They are designed to be accessible by any type of user, but can also address the needs of a 'power' user to enable them to explore and check every detail.

Exploiting the Power of XBRL

UBPartner's Taxonomy Tools include:

- ▲ The **Taxonomy Generator** tool helps users to define all the elements that need to be collected in a simple Excel format; automatically generates the XBRL taxonomy or taxonomy extension; and finally validates and provides sample instance documents.

- ▲ **Taxonomy Explorer** enables the user to review and validate taxonomies through a simple to use interface that delivers powerful debugging features.

Taxonomies also reflect the complexities of real data collection systems and hence can become highly complex. The UBPartner Services team can help you get the most out of adopting XBRL for your data collection system.

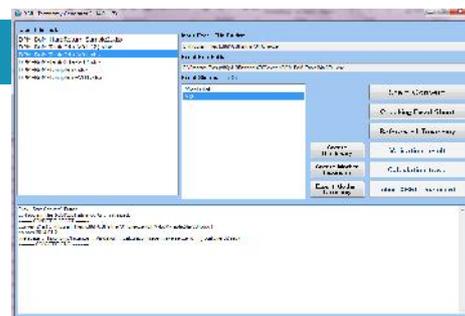
100% Compliant

The UBPartner Taxonomy tools include the industry leading XBRL Processing Engine, which ensures that the final Taxonomy is fully compliant with the latest XBRL recommended standards.

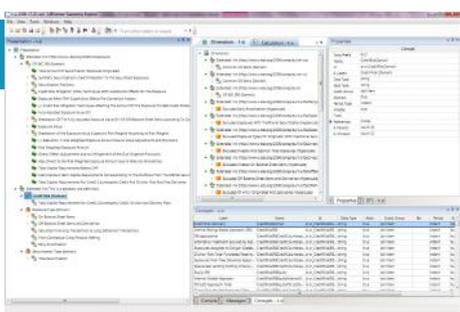


XBRL Taxonomy Generator

- ▶ Enables business users to define the complete set of elements and relationships that need to be represented in the taxonomy
- ▶ Reporting requirements are collected in a familiar Excel format
- ▶ Supports both a 'canonical' or 'data point modeling' approach
- ▶ Can be used to extend and merge taxonomies, to generate a master 'data dictionary' of all elements from several taxonomies



Taxonomy Generator



Taxonomy Explorer

XBRL Taxonomy Explorer

- ▶ Enables users to explore and review a taxonomy
- ▶ Provides a sophisticated interface that allows the various parts of a taxonomy to be viewed via synchronized windows
- ▶ Allows elements to be inspected in detail and identify their underlying properties
- ▶ Can build SEC and IFRS taxonomy extensions

UBPartner Taxonomy Services

- ▶ The UBPartner Services Team has developed a four step process for designing and delivering successful taxonomies
- ▶ Can provide design and implementation advice and skills
- ▶ Develop and test XBRL Formulas
- ▶ Recommend how to deploy XBRL taking advantage of the latest standards and best practice.



Taxonomy Development Process

Proven XBRL Tools and Partners



UBPartner's XBRL tools have been used on numerous projects around the world. They are proven to lead to the development of successful taxonomies and hence XBRL systems that deliver on the promise of standardised, high-quality data collection

In addition, UBPartner works through a network of local implementation partners who can deliver a broad range of solutions and services tailored to meet your specific needs and requirements.

If you would like to organise a demonstration or require a contact for a partner, please contact: info@ubpartner.com.