

VIENNA - CEBS XBRL SOLUTIONS DAY, November 18th, 2009

Summary:

During the XI European Banking Supervisors XBRL Workshop at Vienna, Wednesday, November 18th has been scheduled for software/solutions providers to present their off-the-shelf products and turnkey solutions.

http://www.eurofiling.info/11th_workshop/11th_Workshop.html



Expected to attend: Supervisors, experts in supervision/filing (IT and accountants as well), project managers, solution providers and consultants. Workshop is oriented to people involved in COREP/FINREP implementation.

Presentations by solution vendors

"how does your XBRL solution help implementing COREP and FINREP?"

All vendors, distributing Europe-wide XBRL solutions which meet the criteria below are eligible for presenting their case to the audience on November 18th.

Selection criteria:

- o The presentation is built around a practical COREP and/or FINREP case study
- o the solution must handle instance generation and use dimensions
- o formula generation is a plus
- o solution must be available throughout Europe
- o the presentation should foresee for a life demo next to the presentation

Prerequisites for presenters

Please remember **YOU MUST REGISTER YOURSELF** (Österreichische Nationalbank venue security) at http://www.eurofiling.info/11th_workshop/Registration_XI_Workshop.doc

<u>Calendar</u>		<u>Status</u>
August 15th	announcement of Solutions Day to working groups opening of candidacies list	DONE
September 30th	closing of candidacies list Shortlisting and ranking by CEBS XBRL Network/XBRL Europe	DONE
October 27th	Speakers send short description to derek.debrandt@xbml-eu.org	DONE
October 30th	publish Solutions day agenda to www.eurofiling.info with short content section for each Solution provider	DONE
November 18th	Solutions Day, Vienna	

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<u>Selected solution providers (alphabetically)</u>	<u>Status</u>
1. Clarity Systems	notified
2. CompSci	notified
3. Fujitsu	notified
4. GPM SYSTEMY	notified
5. Invoke	notified
6. Iris	notified
7. Oracle	notified
8. UBmatrix	notified

Instructions for solutions providers:

- ⦿ Presentation in plain English
- ⦿ Some timeslots are limited to 45 minutes
- ⦿ Demonstrate your solution around a Corep or Finrep instance
- ⦿ Show how your solution handles dimensions
- ⦿ What does your solution foresee wrt. formulae
- ⦿ Bring your laptop, charger and ic. power supply converter.
- ⦿ Beware that wireless connectivity is never a certainty

Agenda for Solutions Day

Wednesday 2009/10/18				Solutions Day	Derek De Brandt, moderator
08:30	09:30	01:00	Clarity Systems	Jon Fryer, Managing Director	
09:30	10:30	01:00	Fujitsu Limited	Yukimasa Konishi, Kazumi Saito	
10:30	11:00	00:30	Coffee break		
11:00	12:00	01:00	Iris Business Services India	Deepta Rangarajan	
12:00	13:00	01:00	Invoke Paris	Stéphane Allez, Julien Reber, Maté Juloski	
13:00	14:00	01:00	Lunch		
14:00	14:45	00:45	GPM Systemy	Piotr Malczak	
14:45	15:30	00:45	CompSci Resources	Colm O hAonghusa	
15:30	16:00	00:30	Coffee break		
16:00	16:45	00:45	Oracle Systems	Mark Drake	
16:45	17:30	00:45	UBmatrix	Martin Deville, David Bell	

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ABOUT THE PRESENTATIONS

CLARITY FSR enables compliance with the latest XBRL filing requirements of the banking regulatory bodies while also providing a collaborative environment where many users can participate in the creation of COREP or FINREP reports, within a secure environment, with a tight audit trail and with a seamless connection to source data. By integrating XBRL into the external reporting processes, Clarity FSR makes the tagging, validation and creation of XBRL reports efficient and less error prone by exposing the COREP and FINREP core or extension taxonomies within MS-Excel and MS-Word formats. It hides the complexity of XBRL from business users and automates the reporting process. Join this session and hear Jon Fryer, Managing Director, Clarity Systems present the powerful XBRL functionality in this COREP/FINREP solution through the use of a case study.



<http://www.claritysystems.com>

FUJITSU

1. From De Larosière's report
 - a. Common core regulation
 - b. Supervision for multinational financial group
2. Technical challenges
 - a. Independent business report must be able to be used by the other authorities, etc. when it has common core elements.
3. Fujitsu's proposal for technical challenges (focusing on one example)
 - a. Possible reform of the current bus. reporting process in CEBS, using XBRL
 - b. Possible business benefits stemming from the reform
 - c. Required technologies and Fujitsu's solutions / products
4. Demonstration of Fujitsu's solutions and / or products



<http://www.fujitsu.com/global>

IRIS iFile is IRIS' XBRL enabled workflow and filing solution that has been implemented for the Reserve Bank of India (RBI, India's central bank). Phase 1 of the implementation focused on Basel II reporting, and 81 commercial banks are submitting their Basel II returns since March 2008 using the IRIS iFile application. IRIS iFile is extremely modular and has now been extended to other returns to be submitted by banks, including liquidity returns, forex balances and annual financial statements.

This implementation at the Reserve Bank of India uses the taxonomy that we have created specifically for the RBI, which is based on the COREP structure.



The simplicity of IRIS iFile is that it requires banks to fill information into an RBI specified spreadsheet template, and in the complexity of XBRL document creation is embedded behind the template. The reporting banks therefore do not need extensive familiarity with XBRL document creation, while the output of IRIS iFile client is a valid XBRL document that can be submitted to RBI and used within banks. At the RBI end, IRIS iFile allows for a second level of validation, including XBRL validations again, as well as business rules, cross period validations etc; document storage both as XBRL and shredded data integrated with their existing systems, compliance dashboard and analytics applications.

In order to simplify the process at the banks end of filling in the RBI prescribed template, IRIS is now working with one of India's largest banks, State Bank of India, to integrate a bridge application (IRIS iDEAL) that will extract relevant data from core banking / other internal applications within the bank, process the data and populate the RBI specified template in order to provide a straight through XBRL filing solution. The pilot implementation is already complete at the State Bank of India end

<http://www.irisbusiness.com/indx.php>

INVOKE



INVOKE presentation

- a. INVOKE
 - b. Customers : regulators and producers
- 2- Tools presentation (SMART FORMS)
- a. XBRL FORM DESIGNER
 - b. XBRL Reader/Writer (Desktop and Web)
- 3- INVOKE XBRL solutions in action
- a. Infogreffe project
 - b. Banque de France project
 - c. E-SURFI project
- 4- Solutions
- a. Writing tools (Desktop and Web)
 - b. Internal reporting (Desktop and Web)
 - c. External reporting (Web)
- 5- Demonstrations
- a. FINREP restitution in XBRL Reader (Web and Desktop - showing how we manage explicit dimension)
 - b. COREP filing in XBRL Writer (Web and Desktop - showing how we manage typed dimension)
 - c. COREP reporting in XBRL FORM DESIGNER (showing how to create a report based on taxonomy).
- 6- Questions

<http://www.invoke.fr>

GPM SYSTEMY



The purpose of creating aSIST was to provide a specialised module for COREP/FINREP reports, built on XBRL technology, which would also hide the complexity of the technology and simplify the reporting work.

Not only does aSIST simplify the process of reporting work, but it also provides:

- full COREP/FINREP taxonomy support,
- XBRL technology support,
- support of multidimensional extensions to XBRL technology,
- taxonomy versions management,
- report versions management.

A 'live' aSIST presentation will focus only on two aspects:

- 1) Taxonomy profiling – a way of dealing with reports complexity. COREP reporting has build in option – different methods of risk/capital requirements calculation are reported on different reports. Taxonomy profiling is a innovative feature allowing tailoring taxonomy to bank's business profile. During a presentation, a 'context tree' feature and 'explicit dimensions selection' feature will be shown.
- 2) Validation – the key to data quality aSIST has a built-in formula visual editor. XBRL Formula has a great expression power especially with conjunction with dimensional model. During a presentation visual way of defining formulas will be shown, moreover we will see a view of logical relations on reports.

<http://gpm-systemy.com>

COMPSCI has 3 web based XBRL enabled products



iF™ (interactive Forms) - Create XBRL Instance Documents easily and inexpensively. Creating financial statements in an XBRL format (or XBRL instance documents) just got easier with a new web-based software tool called iF™. iF™ is the proprietary technology of CompSci Resources, LLC. This website offers users the ability to use iF's™ cutting edge technology to create their own XBRL instance documents by following four simple steps: Select your taxonomy from the list of available taxonomies, generate a web-based form or template (using CompSci's dynamic rendering engine) based on the taxonomy you chose, once the form is generated, simply fill out the form; and when you have completed the form, follow the prompt to create your XBRL instance document.

iF™ offers a low cost and simple solution for filers and filing agents to submit XBRL financial reports to any governmental body. Because iF™ is web-based, XBRL instance documents can be prepared anytime and anywhere there is access to the Internet. Therefore, no costly and time consuming software installation is required. Users of iF™ do not need any specialized knowledge of XBRL.

XBRL Rendering Web Service

With the Xtensible Data Rendering Web Service, you can leverage the iA™ Rendering Engine to convert "raw" XBRL data into human readable documents.

How It Works: simply submit an HTTP GET request to the Rendering Web Service specifying the URI of the Internet-accessible XBRL instance document to convert and the desired document type (i.e., HTML, PDF, Excel, or XML)

iA XBRL Viewer is the proprietary technology of CompSci Resources, LLC (CompSci). This website offers users the ability to use iA's™ cutting edge technology, which allows users to (1) render "raw" XBRL data into human readable documents on demand, in real time, and in multiple languages; and (2) apply iA's™ advanced analytical capabilities to review business and financial data; and (3) create XBRL instance documents simply by filling out a form. Key features of iA™ include the following:

- Works with any taxonomy on demand, both base and extension, including IFRS, U.S. GAAP, COREP and FINREP.*
- Uploads any XBRL instance document on demand.*
- Renders XBRL instance documents in real time.*
- Renders dimensional XBRL documents in real time.*
- Renders XBRL documents in multiple languages.*
- Performs company-to-company comparisons, both at the company level as well as at the individual concept level.*
- Instantly reformats and exports XBRL data into spreadsheet format and PDF format.*
- Supports the Inline XBRL Specification. Provides the ability to extract instance documents from one or more Inline XBRL documents.*

<http://www.compsciresources.com>

UBmatrix has been at the forefront of developing XBRL business reporting solutions throughout the world.



The company has built a flexible set of XBRL-based applications and tools that can be used to develop and deploy sophisticated solutions for government and market regulators. These applications and tools have already been deployed as individual components or as part of an integrated suite by several European Banking Supervisors.

The UBmatrix set of XBRL-based applications and tools consists of:

- *UBmatrix XBRL Processing Engine – the core of all the UBmatrix applications. It provides high-performance validation and processing of XBRL documents. The engine includes a full Software Development Kit (SDK) and full support for the latest XBRL recommended specifications, including XBRL Formulas*
- *UBmatrix Taxonomy Manager – web based platform for managing the taxonomy development and maintenance process.*
- *UBmatrix Reporting Manager – web based platform providing a portal framework to manage submissions, reporting workflow, advanced XBRL document validation and user administration.*
- *UBmatrix XBRL Database Access – enables the efficient storage of XBRL documents in a database, so that they can be accessed both as XBRL documents or via standard SQL queries.*
- *UBmatrix Taxonomy Designer – Windows desktop tool for XBRL taxonomy development and extension.*
- *UBmatrix Report Builder – provides users with an easy to use tool to both create and view XBRL instance documents. The tool enables the mapping of an Excel worksheet and Word based narratives to an XBRL taxonomy, for generating or reading XBRL documents.*
- *UBmatrix xBreeze – a service providing Report Builder Templates for a number of taxonomies, including COREP & FINREP.*

The session will provide an overview and update on how these products are being used today. The focus will be on the use of the new XBRL Formula specification to implement business rules. The session will draw on a number of recent projects where UBmatrix has helped develop Formula linkbases to facilitate the processing of XBRL documents.

<http://www.ubmatrix.com>

Oracle

Oracle is the world's largest business software company, with more than 320,000 customers worldwide. Oracle's business is information—how to manage it, use it, share it, protect it. For nearly three decades, Oracle, has provided the software and services that allows organizations to get the most up-to-date and accurate information from their business systems. Oracle Database and Fusion Middleware technology is already being used to support the storage and processing of COREP & FINREP XBRL documents in several European Banking Supervisor projects and other major XBRL projects worldwide.

Feedback from Oracle's customers and partners had identified the lack of an effective solution for the storage and management solutions for XBRL documents as one of the biggest challenges facing broader option of the XBRL standard. Working closely with its partner UBmatrix, Oracle is addressing this issue with the availability of Oracle XBRL Vault, developer edition, on the Oracle Technology Network (OTN).

Oracle XBRL Vault provides organizations with the ability to store XBRL taxonomy and instance documents, natively, in an Oracle Database, using intuitive drag and drop interfaces. XBRL Vault ensures the integrity of the XBRL content it manages. It also provides relational views over XBRL content, allowing traditional business intelligence tools to easily work directly with XBRL content. XBRL Vault also provides easy-to-use interfaces that allow Oracle's partners to plug third-party components directly into the XBRL Vault framework.

XBRL Vault's ability to consume XBRL in its native XML format makes it easy for organizations with large quantities of XBRL document to migrate to XBRL Vault from existing XBRL storage solutions.

XBRL Vault will be available for developers to download from the OTN by the end of the year. XBRL Vault will require Oracle Database 11g Release and has already been successfully integrated with UBMatrix XBRL Processing Engine (XPE) and Taxonomy Designer (TD).

The session will discuss the issues with current approaches to managing and leveraging XBRL the value contained within XBRL documents and preview the new developments that Oracle and its partners are undertaking.