

SESSION OVERVIEW



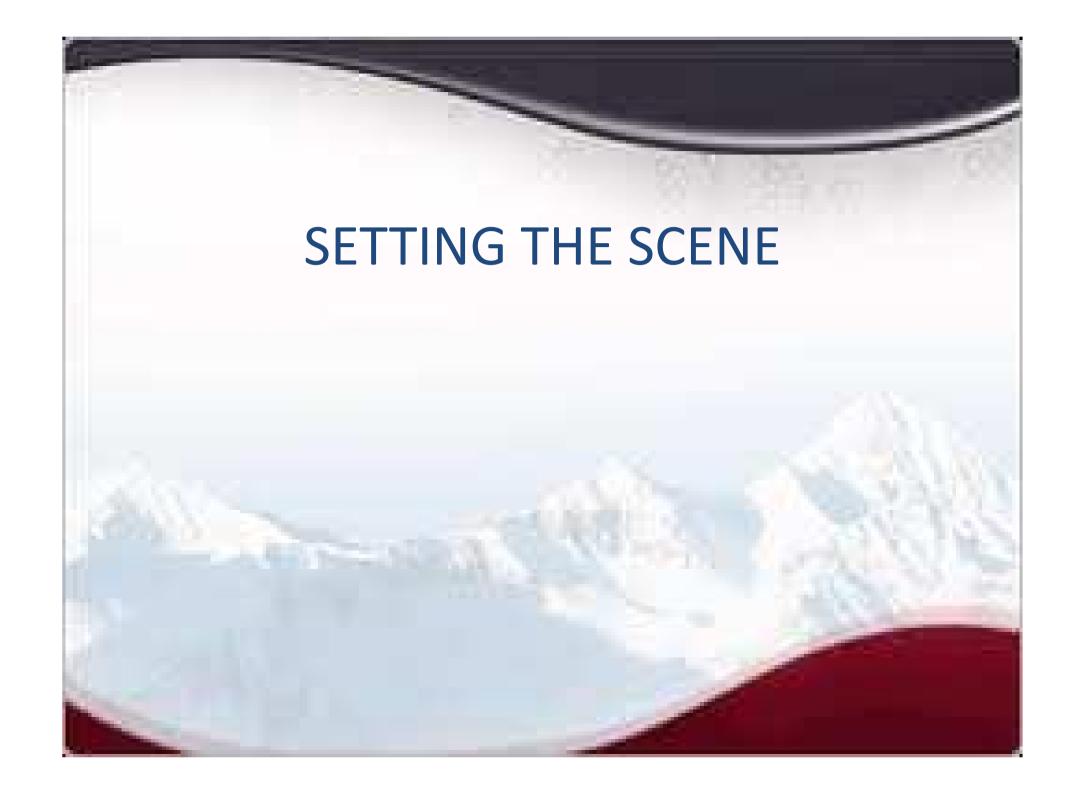
XBRL - SETTING THE SCENE

- WHY?
- WHAT?
- WHO?
- HOW?
- WHERE?
- BENEFITS!

XBRL IN INDIA

- MCA21 FILING & CONVERSION
- O XBRL ~ AN OPPORTUNITY..!!









WHAT WE SAY TO INVESTORS?



PUBLIC CORPORTATION LIMITED

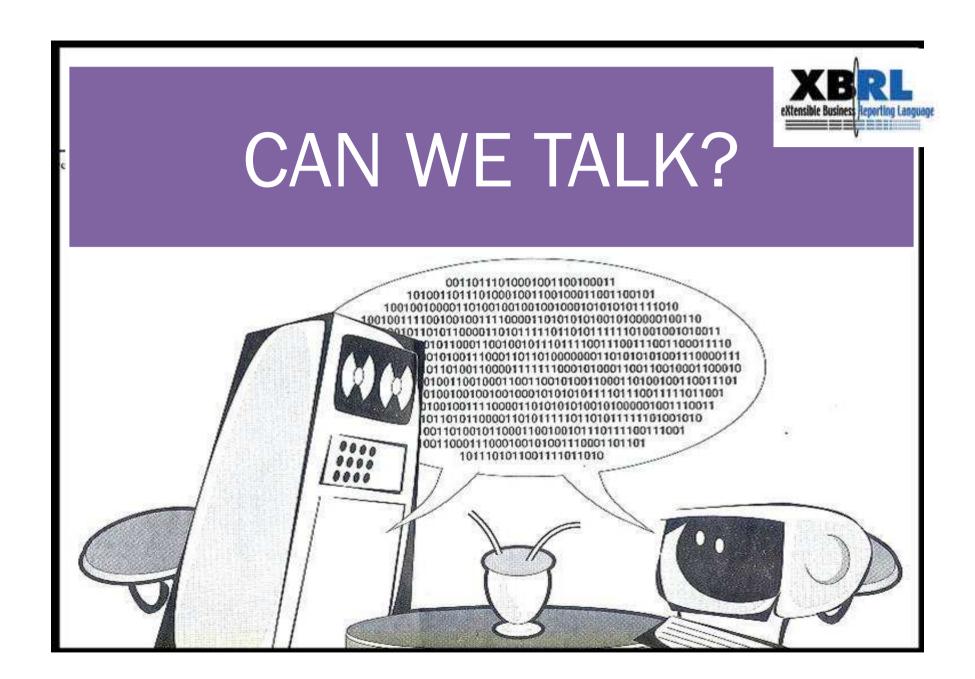
CONSOLIDATED PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 2011			
Sales	1,500,000	1,000,000	
Cost of Sales	1,300,000	900,000	
Operating Profit	200,000	100,000	
Finance Expenses (Net of Income)	70,000	50,000	
Net Profit before Tax	270,000	150,000	
Provision for Taxation	90,000	45,000	
Net Profit	180,000	105,000	
Earnings Per Share	1.80	1.05	

WHAT THEY HEAR?



PUBLIC CORPORTATION LIMITED

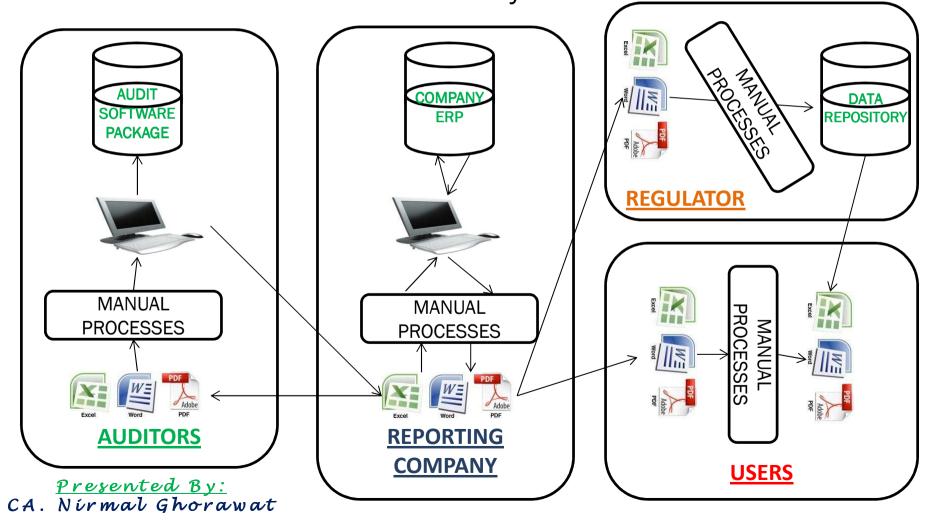
CONSOLIDATED PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 2011			
Sales	1,500,000	1,000,000	
BLAH BLAH	1,300,000	900,000	
BLAH BLAH	200,000	100,000	
BLAH BLAH	70,000	50,000	
BLAH BLAH	270,000	150,000	
BLAH BLAH	90,000	45,000	
Net Profit	180,000	105,000	
Earnings Per Share	1.80	1.05	



WHY XBRL?



FINANCIAL REPORTING model today is MANUAL & DISJOINTED



WHY XBRL?



FINANCIAL REPORTING INVOLVES

MANUAL PROCESSES

INSPITE OF AUTOMATION
OF DATA PROCESSING

WHY?

BECAUSE COMPUTER APPLICATIONS SELDOM INTERACT THEMSELVES

WHY?

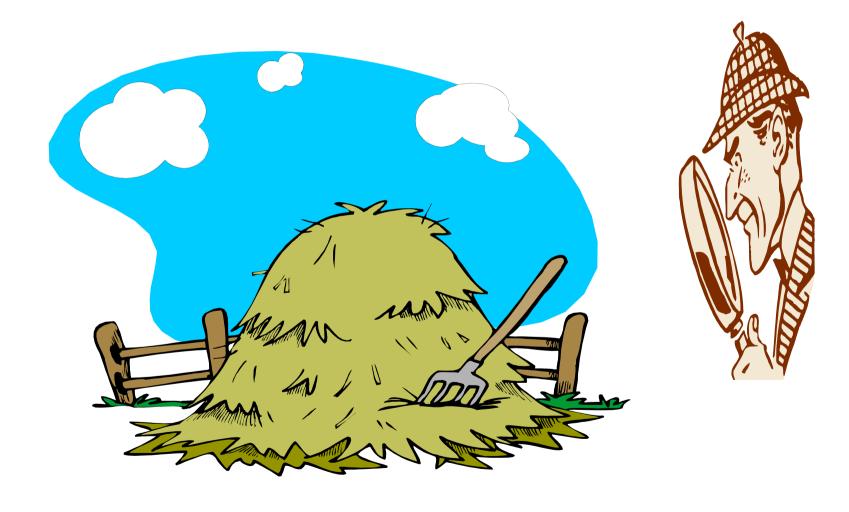
DIFFERENT APPLICATION HAVE DIFFERENT DATA STRUCTURES

MANUAL EXTRACTION AND REKEYING OF DATA

<u>Presented By:</u> CA. Nirmal Ghorawat

ACCESSING REPORTING DATA TODAY..!! EXTENSIBLE BUS









FINANCIAL REPORTING IS DISJOINTED

WHY?

BECAUSE REGULATORS/ USERS HAVE DIFFERING REQUIREMENTS

SEBI / ROC
INCOME TAX DEPARTMENT
RBI / CERC / IRDA
BANKS / FI's / LENDERS
IF INTERNATIONAL OPERATIONS?
ET CETERA

WHAT IS XBRL?



An Abbreviation for:

eXtensible

Business

Reporting

Language



WHAT IS XBRL?



XBRL is

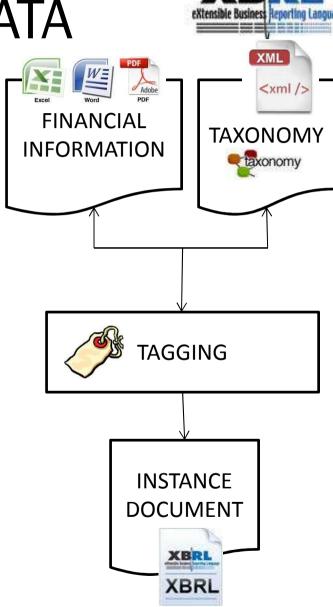
- Tagged Data
- Open Standard
- Based on XML
- Language for Electronic
 Communication of
- Business and Financial Information & On the Internet
- eXtensible

XBRL
IS THE
EMERGING
GLOBAL
STANDARD
OF
FINANCIAL
REPORTING

XBRL IS TAGGED DATA

XBRL tags INDIVIDUAL CONCEPTS for Electronic Dissemination

CONCEPTS are defined based on a Common Framework (say, Indian GAAP, IFRS) – in a TAXONOMY







PLAIN 'UNSTRUCTURED' TEXT TAGGED DATA

Nirmal Ghorawat 434, Ajanta Shopping Centre, Ring Road, Surat – 395002

Gujarat

+91-261-2327434

nirmal.ghorawat@icai.org

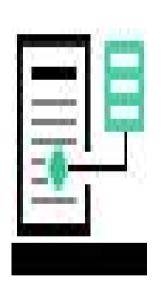
```
<?xml version="1.0" encoding="UTF-8" ?>
- <memberinfo>
   <name>Nirmal Ghorawat</name>
 - <address>
     <officeno>434</officeno>
     <building>Ajanta Shopping Centre</building>
     <area />
     <road>Ring Road</road>
     <city>Surat</city>
     <pin>395002</pin>
     <state>Gujarat</state>
   </address>
 - <contactno>
     <countrycode>91</countrycode>
     <areacode>0261</areacode>
     <telno>2327434</telno>
   </contactno>
   <emailid>nirmal.ghorawat@icai.org</emailid>
 </memberinfo>
```

WHAT'S IN A TAG?

EXTENSIBLE Business Reporting Language

- Label
- Description
- Data Type
- Balance Type
- Period Type
- Reference
- Presentation
- Calculation

ATTRIBUTES
OR
META DATA
(DATA ABOUT
DATA)



XML

<xml />



XBRL IS OPEN STANDARD



XBRL is

FREE OF ALL LICENSES

SOFTWARE / APPLICATIONINDEPENDENT



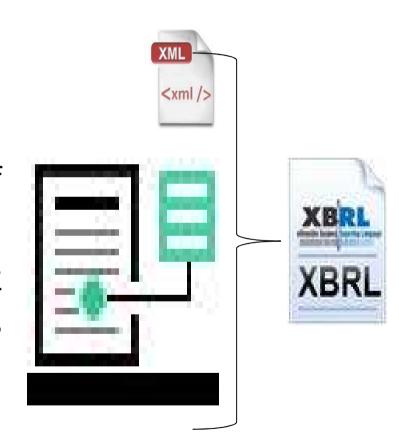


XBRL IS XML



XBRL is

- Based on the XML However, XBRL is
- Powerful & Flexible version of XML
- Defined specifically to meet the requirements of Business
 & Financial information

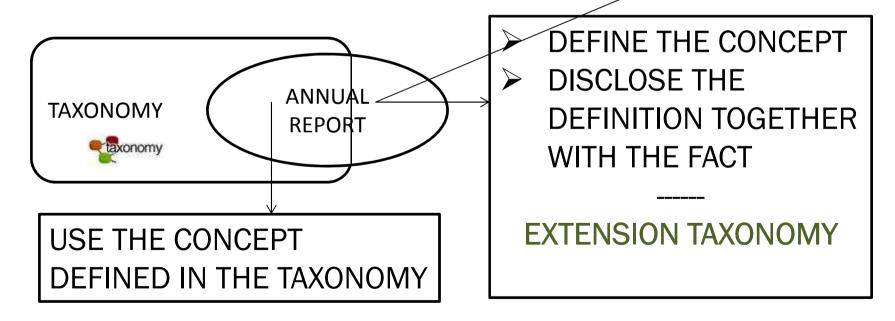


XBRL IS EXTENSIBLE



FLEXIBLE..

Every entity's business operations have UNIQUE aspects of reporting.



TERMS IN XBRL



TAXONOMY

LABELS

CONCEPTS

An XBRL TAXONOMY is a dictionary of financial reporting terms or concepts which the XBRL language uses, and it helps to define specific tags (LABELS) for individual items of data (CONCEPTS).

TERMS IN XBRL



INSTANCE DOCUMENT

An XBRL instance document is an XML file, designed to be read only by computers, that contains business reporting information and represents a collection of financial facts using tags from one or more XBRL taxonomies.

WHO DEVELOPS XBRL?





Mr. Charles Hoffman, AICPA, proposed the idea to use XML for electronic reporting of Financial Information to the AICPA High Tech Task Force



Mr. Charles Hoffman, AICPA

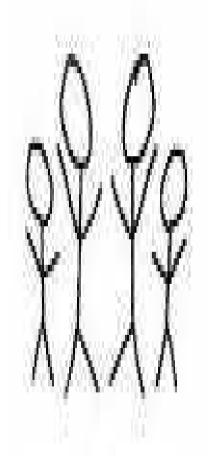
XBRL was born...!!

WHO DEVELOPS XBRL?



XBRL is being developed by XBRL International Inc. (XII)

XII is Not for Profit Consortium of Regulators / Government Agencies, Accountancy Institutes, Leading Corporates & IT & Financial / Professional Services Companies.



WHO DEVELOPS XBRL?



XBRL International Inc. (XII) is a Consortium similar to how the U. P. C. Seal (commonly 'Bar Code') was developed...

& BAR CODING HAS REVOLUTIONISED PRODUCT DISTRIBUTION...

WHAT WILL XBRL DO TO FINANCIAL REPORTING?







Unstructured Text Inventory

Inventory consists of produce purchased for resale and supplies and are stated at the lower of cost or market using the first-in, first-out (FIFO) method. Inventory as of December 31, 2006 and 2005 amounted to \$45,594 and \$34,456, respectively.



Structured Text

<InventoryInformation>
Inventory

Inventory consists of produce purchased for resale and supplies and are stated at the lower of cost or market using the first-in, first-out (FIFO) method. Inventory as of December 31, 2006 and 2005 amounted to \$45,594 and \$34,456, respectively.

/InventoryInformation>

Unstructured Text Inventory

Inventory consists of produce purchased for resale and supplies and are stated at the lower of cost or market using the first-in, first-out (FIFO) method. Inventory as of December 31, 2006 and 2005 amounted to \$45,594 and \$34,456, respectively.



Structured for PRESENTATION

<html>

<bold>Inventory</bold>

Inventory consists of produce purchased for resale and supplies and are stated at the lower of cost or market using the first-in, first-out (FIFO) method. Inventory as of December 31, 2006 and 2005 amounted to <bold>\$45,594</bold> and <bold>\$34,456</bold>, respectively.

</html>

Unstructured Text Inventory

Inventory consists purchased for produce resale and supplies and are stated at the lower of cost or market using the first-in, first-out (FIFO) method. Inventory as of December 31, 2006 and 2005 amounted **\$45,594** and **\$34,456**, respectively.



Structured for MEANING

Unstructured Text Inventory

Inventory consists of produce purchased for resale and supplies and are stated at the lower of cost or market using the first-in, (FIFO) first-out method. Inventory as of December 31. 2006 2005 and amounted to \$45,594 and \$34,456, respectively.



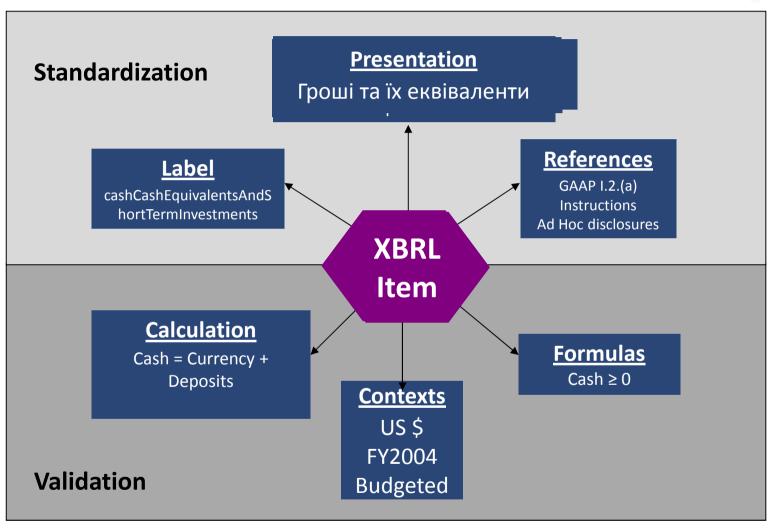
Structured for MEANING, GLOBAL STANDARD

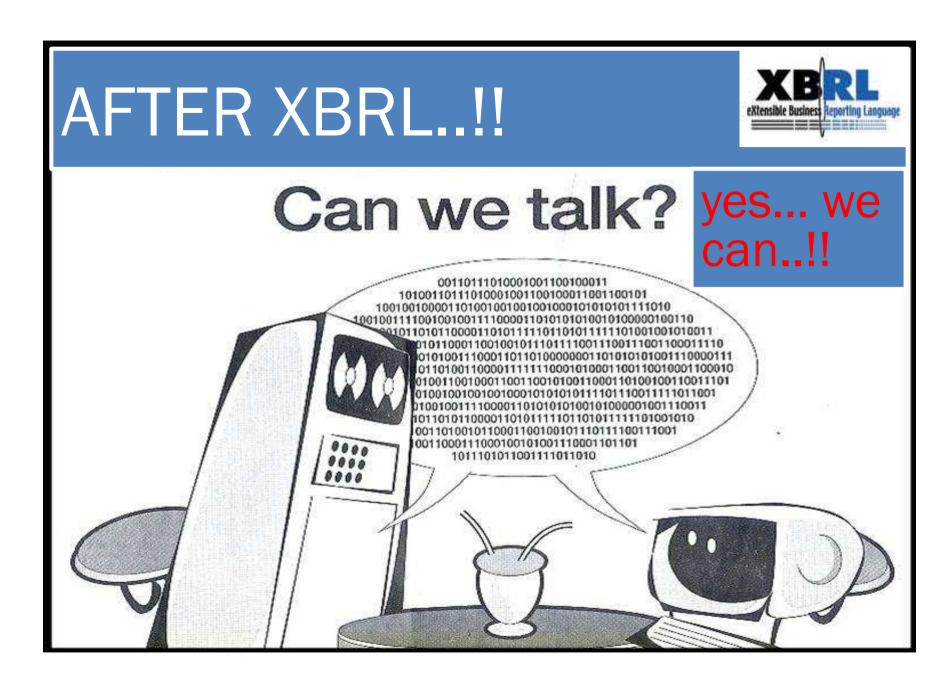
```
contextRef="D-
<InventoryComponents
2006">produce purchased for resale and
suppliesInventoryComponents>
<InventoryCostBasis</pre>
                           contextRef="D-
2006">lower
                   of
                            cost
marketInventoryCostBasis >
<ValuationMethod
                            contextRef="D-
2006">FIFO</ValuationMethod>
<Value2006
                      contextRef="D-2006"
unitRef="USD"decimals="0">45594</Value2
006>
<Value2005
                      contextRef="D-2006"
unitRef="USD"decimals="0">$34,456</Value
2005>
```

Unstructured Text Inventory

Inventory consists produce purchased for resale and supplies and are stated at the lower of cost or market using the first-in, first-out (FIFO) Inventory as of method. December 31, 2006 and 2005 amounted **\$45,594** and \$34,456, respectively.



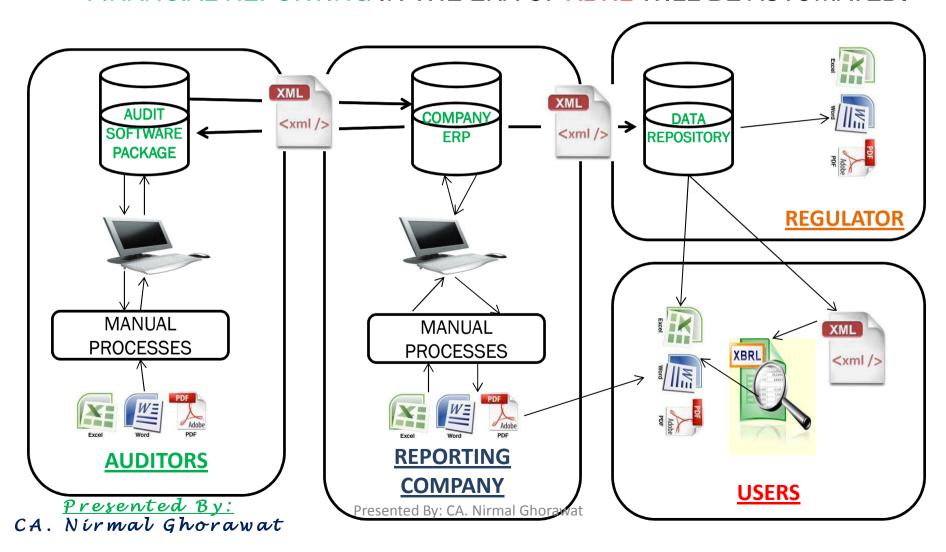




AFTER XBRL..!!



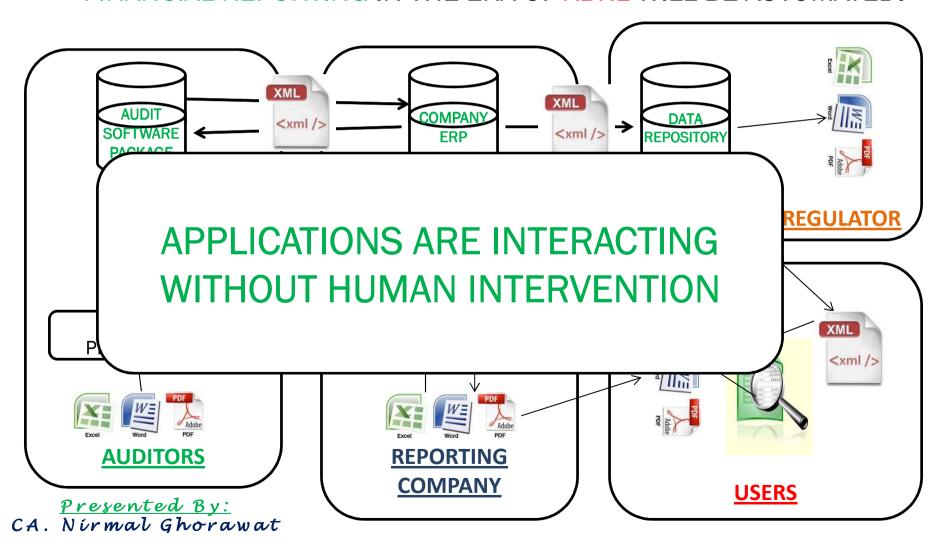
FINANCIAL REPORTING IN THE ERA OF XBRL WILL BE AUTOMATED.



AFTER XBRL..!!

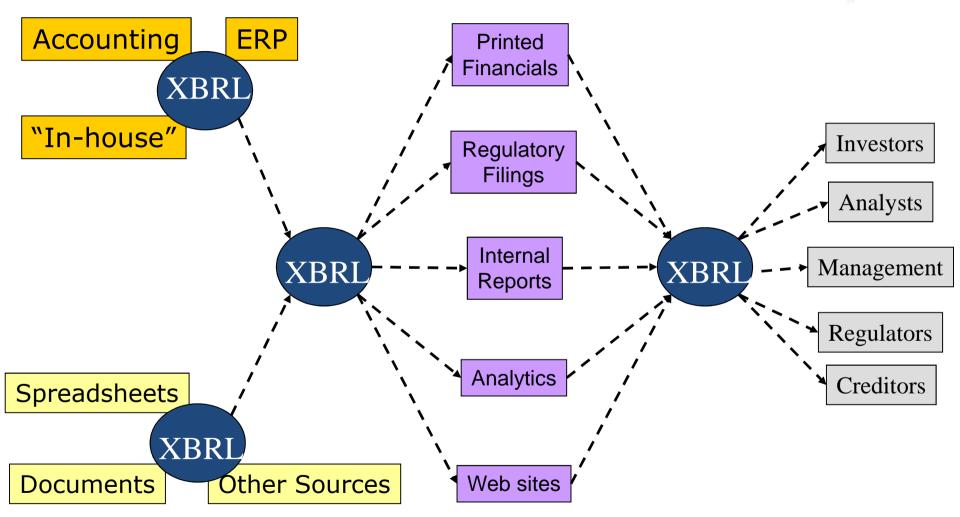


FINANCIAL REPORTING IN THE ERA OF XBRL WILL BE AUTOMATED.



AFTER XBRL..!!

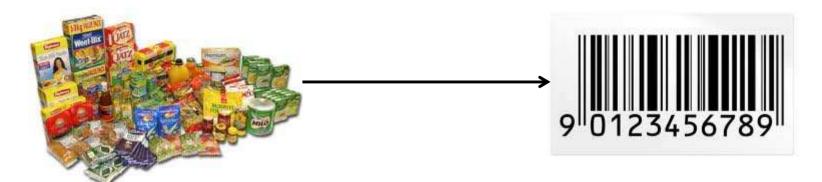




<u>Presented By:</u> CA. Nirmal Ghorawat

BENEFITS OF XBRL!!





what Bar Code has done for Product Distribution, XBRL will do for Financial & Business Reporting

Ranbaxy Laborat	ories Limited		<pre><ifrs-gp:assetsheldsale <="" contextref="Current_Asof" pre="" unitref="U-Euros"></ifrs-gp:assetsheldsale></pre>
			decimals="0">100000
Consolidated Balance Sheet as at 31 December			<pre><ifrs-qp:constructionprogresscurrent <="" contextref="Current_AsOf" pre=""></ifrs-qp:constructionprogresscurrent></pre>
(Rupees in millions, except share data and if otherwise s		As at 31 December	
	Schedule 2009	31 December 2008	unitRef="U-Euros" decimals="0">100000
SOURCES OF FUNDS	Schedule 2009	2006	gp:ConstructionProgressCurrent>
Shareholders' funds			
Share capital	1 2,102.09	2,101.85	<pre><ifrs-qp:inventories <="" contextref="Current_AsOf" pre="" unitref="U-Euros"></ifrs-qp:inventories></pre>
Equity share warrants	23(5)(b) 1,756.59	1,756.59	
Share application money pending allotment	1.95		decimals="0">100000
Reserves and surplus	2 39,573.29	39,104.03	<ifrs-qp:otherfinancialassetscurrent <="" contextref="Current_AsOf" p=""></ifrs-qp:otherfinancialassetscurrent>
	43,433.92	42,962.47	
Minority interest Loan funds	533.22	674.61	unitRef="U-Euros" decimals="0">100000
Secured loans	3 2,186.62	2.911.35	
Unsecured loans	4 34.108.60	39,937,32	gp:OtherFinancialAssetsCurrent>
Chattara ionia	36,295.22	42,848.67	<ifrs-gp:hedginginstrumentscurrentasset <="" contextref="Current_AsOf" p=""></ifrs-gp:hedginginstrumentscurrentasset>
Deferred tax liability (net)	5 160.54	246.63	
	80,422.90	86,732.38	unitRef="U-Euros" decimals="0">100000
APPLICATION OF FUNDS			
Fixed assets	6		gp:HedgingInstrumentsCurrentAsset>
Gross block	62,785.54	61,941.64	<ifrs-qp:currenttaxreceivables contextref="Current AsOf" decimals="0" unitref="U-</p></td></tr><tr><td>Less: Accumulated depreciation,
amortisation and impairment</td><td>17,880.49</td><td>17,041.97</td><td></td></tr><tr><td>Amortisation and impairment
Net block</td><td>44,905.05</td><td>44,899.67</td><td>Euros">100000</ifrs-qp:currenttaxreceivables>
Capital work-in-progress (including capital advances)	23(7) 6,230.66	4,707.37	
Capital work-in-progress (including capital advances)	51,135.71	49,607.04	<ifrs-gp:tradeotherreceivablesnetcurrent <="" contextref="Current_AsOf" p=""></ifrs-gp:tradeotherreceivablesnetcurrent>
Investments	7 5,407.40	5,431.50	unitRef="U-Euros" decimals="0">100000
Deferred tax asset (net)	5 4,906.19	12,476.01	
Current assets, loans and advances			qp:TradeOtherReceivablesNetCurrent>
Inventories	8 18,406.99	19,643.14	<ifrs-qp;prepaymentscurrent <="" contextref="Current AsOf" p="" unitref="U-Euros"></ifrs-qp;prepaymentscurrent>
Sundry debtors	9 18,399.47	13,310.08	
Cash and bank balances	10 12,416.34	23,956.38	decimals="0">100000
Loans and advances Other current assets	11 9,065.26 12 1,797.90	6,436.24 1,755.19	
Other current assets	60,085.96	65,101.03	<pre><ifrs-qp:cashcashequivalents contextref="Current_AsOf" decimals="0" unitref="U-</pre></td></tr><tr><td>Less: Current liabilities and provisions</td><td>60,083.96</td><td>65,101.03</td><td></td></tr><tr><td>Current liabilities</td><td>13 32,510.83</td><td>39.800.36</td><td>Euros">100000</ifrs-qp:cashcashequivalents></pre>
Provisions	14 8,601.53	6,082.84	<pre><ifrs-qp:otherassetscurrent <="" contextref="Current_AsOf" pre="" unitref="U-Euros"></ifrs-qp:otherassetscurrent></pre>
	41,112.36	45,883.20	
Net current assets	18,973.60	19,217.83	decimals="0">100000
	80,422.90	86,732.38	
Significant accounting policies	22		<pre><ifrs-gp:assetscurrenttotal <="" contextref="Current_AsOf" pre="" unitref="U-Euros"></ifrs-gp:assetscurrenttotal></pre>
Notes to the consolidated financial statements	23		decimals="0">1000000
The schedules referred to above form an integral part of the	Consolidated Balance Sheet		gp. Assessed Title appropriate to the second

BENEFITS OF XBRL!!



- ✓ Cost Savings,
- ✓ Greater Efficiency and
- ✓ Improved Accuracy and reliability
- ✓ Enhanced Comparability

 To all those who create, transmit, use or analyze financial and business information







"Through Internet delivery, XBRL will also provide analysts and investors with extensible financial data to make informed decisions about the company. We see XBRL as not only the future standard for publishing, delivery and use of financial information over the Web, but also as a logical business choice."

- John Connors, Chief Financial Officer, Microsoft



Interactive Financial Report Viewer



Presented By: CA. Nírmal Ghorawat

Welcome !! ABB 2008-12-31 ATG 2008-09-30 AA 2008-12-31 X

Consolidated Income Statements | Consolidated Balance Sheets | Consolidated Balance Sheets Parenthetical | Consolidated Statements of Cash Flows | Consolidated Statements of Ch Consolidated Statements of Changes in Stockholders' Equity Parenthetical | Notes to the Consolidated Financial Statements | Document and Entity Information | 🛢 All Reports

ABB Ltd

Company Summary

Filing Summary

Charting

Print Report Export to Excel SEC XBRL Filing

20-F (2008-12-31)

Source: http://viewerprototype1.com/viewer

O	12	Months Ended		
Consolidated Income Statements (USD \$) (in Millions, except per share data)	Dec. 31, 2008	Dec. 31, 2007	Dec. 31, 2006	
Sales of products	29,705	24,816	19,503	
Sales of services	5,207	4,367	3,778	Ì
Total revenues	34,912	29,183	23,281	Ш
Cost of products	(20,506)	(17,292)	(13,967)	П
Cost of services	(3,466)	(2,923)	(2,570)	Ш
Total cost of sales	(23,972)	(20,215)	(16,537)	Ш
Gross profit	10,940	8,968	6,744	Ш
Selling, general and administrative expenses	(5,822)	(4,975)	(4,326)	
Other income (expense), net	(566)	30	139	
Earnings before interest and taxes	4,552	4,023	2,557	
Interest and dividend income	315	273	147	Ш
Interest and other finance expense	(349)	(286)	(307)	
Income from continuing operations before taxes and minority interest	4,518	4,010	2,397	
Provision for taxes	(1,119)	(595)	(686)	
Minority interest	(260)	(244)	(179)	l
Income from continuing operations	3,139	3,171	1,532	
Income (loss) from discontinued operations, net of tax	(21)	586	(142)	
Net income	3,118	3,757	1,390	
ncome from continuing operations, per basic share	1.37	1.4	0.72	
income (loss) from discontinued operations, net of tax, per basic share	(0.01)	0.26	(0.07)	
Net income, per basic share	1.36	1.66	0.65	

The XBRL financial data on which this web site operates were submitted to the SEC on an "unaudited" or "unreviewed" basis primarily for the purpose of testing the XBRL format and technology, and do not constitute official SI this web site should not rely on the XBRL data or documents rendered by the web site in making investment decisions.

XBRL MYTHS..!!



XBRL is

- Complex & Difficult
- an Accounting Standard
- a Computer Program
- a Limited Chart of Accounts
- Proprietary Information Standard or software
- Reporting / Regulatory burden

XBRL IS EXTREMELY COMPLICATED.

YOU NEED TO BE A CPA TO UNDER

STAND HALF OF IT AND AN XML

PROGRAMMER TO UNDERSTAND THE

OTHER 10%.

XBRL does not change what is Reported, only how it is Reported...!!

XBRL WHERE?









XBRL India

is the Indian Jurisdiction of XBRL International.

is a Company registered under Section 25 of Companies Act, 1956

is incorporated for managing the affairs of Indian Jurisdiction of XBRL International.

Its main objective is to <u>promote and</u> <u>encourage the adoption of XBRL in India as</u> <u>the standard for electronic business</u> <u>reporting in India.</u>





XBRL India

is the Indian Jurisdiction of XBRL International.

is a Company registered under Section 25 of Companies Act, 1956

is incorporated for managing the affairs of Indian Jurisdiction of XBRL International.

Its main objective is to <u>promote and</u> <u>encourage the adoption of XBRL in India as</u> <u>the standard for electronic business</u> <u>reporting in India.</u>









IMPLEMENTED

Capital Adequacy Reporting by Banks as per Basell II Norms



MANDATED

e-Filing of Annual Reports for a class of Companies from April 1, 2011

XBRL will change the way we COMMUNICATE with REGULATORS in the coming years..!!









UNDER DEVELOPMENT

"SUPER-D" FILING for ALL
LISTED COMPANIES / MUTUAL
FUNDS



UNDER DEVELOPMENT

XBRL based REGULATORY
INFORMATION MANAGEMENT
SYSTEM (RIMS)

MCA XBRL IMPLEMENTATION APPROACH



PHASE I – 1/APRIL/2011

SELECT Class of Companies

- All Listed Companies & their Subsidiaries
- Companies with Paid up Capital > 5 crores
- Companies with Turnover > 100 crores
- However, Banking, NBFC, Insurance & Power Sector companies are excluded.

PHASE II - 1/APRIL/2012

- ALL COMPANIES (Including Banking, NBFC, Insurance & Power Sector Companies)
- Existing <u>C & I (Commercial & Industrial)</u> Taxonomy to be <u>UPDATED & MAINTAINED</u> to conform with <u>REVISED</u> <u>SCHEDULE VI.</u>
- New Taxonomy(ies) for Banking, NBFC, Insurance & Power Sector Companies.

Source: http://xbrl.icai.org

MCA XBRL IMPLEMENTATION APPROACH



PHASE I - 1/APRIL/2011 <- NOT APPLICABLE->

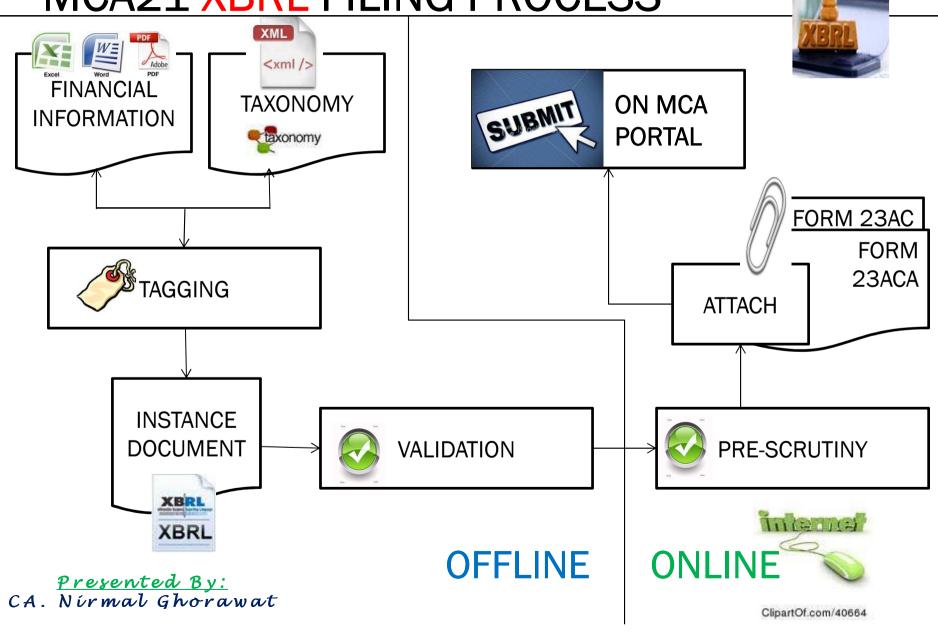
Companies WHICH ARE

- 1. NOT Listed Companies or their Subsidiaries
- 2. Companies with Paid up Capital < 5 crores
- 3. Companies with Turnover < 100 crores
- 4. Banking, NBFC, Insurance & Power Sector companies

Are EXCLUDED.

V O L U N T A R Y

MCA21 XBRL FILING PROCESS



MCA21 XBRL FILING PROCESS



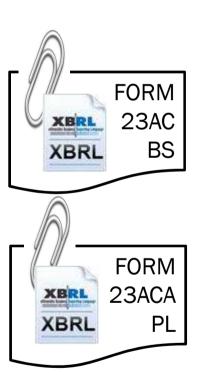
Taxonomy EXTENSIONS are NOT ALLOWED

SEPARATE INSTANCE DOCUMENTS FOR

- BALANCE SHEET &
- PROFIT & LOSS ACCOUNT

AND IF APPLICABLE:

- CONSOLIDATED BALANCE SHEET &
- CONSOLIDATED PROFIT & LOSS ACCOUNT



XBRL IN PLAIN ENGLISH

How we submitted Financial Information till date..!!

Particulars	31/03/20 11	31/03/20 10
Cash and Cash Equivalents	20,000	15,000

How we will submit Financial Information in XBRL..!!

<in-gaap:CashCashEquivalents
contextRef="I2011"
gaap:CashCashEquivalents>
<in-gaap:CashCashEquivalents
contextRef="I2010"
gaap:CashCashEquivalents>

id="TAB1" decimals="0" unitRef="INR">20000</in-

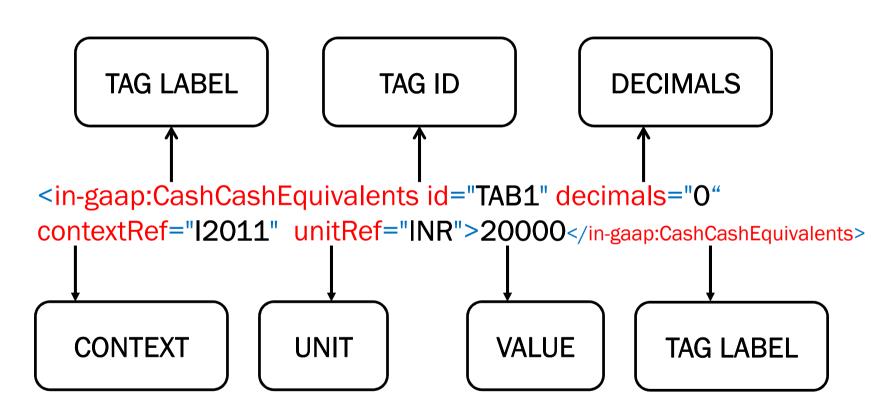
id="TAB2" decimals="0" unitRef="INR">15000</in-







Decoding the XBRL Label / Tag



MCA21 XBRL SCOPE

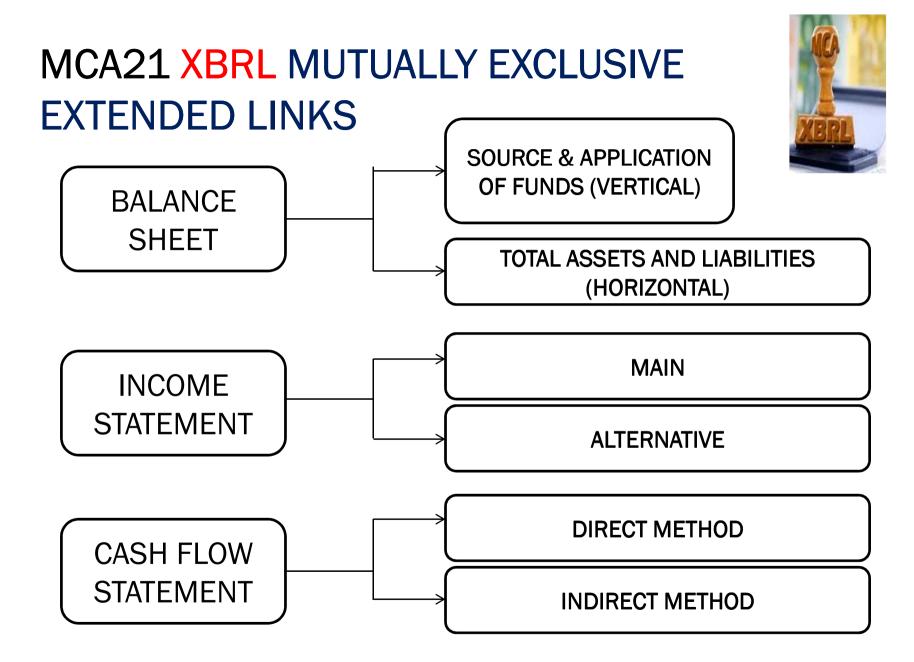
FORM 23AC - BALANCE SHEET

- BALANCE SHEET
- SCHEDULES RELATED
 TO BALANCE SHEET
- CASH FLOW STATEMENT
- NOTES ON ACCOUNTS
- DIRECTORS RESPONSIBILITY STATEMENT AUDITOR'S REPORT
- DIRECTOR'S REPORT
- GENERAL INFORMATION ABOUT THE COMPANY
- SIGNATORIES TO THE BALANCE SHEET



FORM 23AC A-P&L ACCOUNT

- PROFIT & LOSS ACCOUNT
- SCHEDULES RELATED TO PROFIT AND LOSS ACCOUNT





MCA21 XBRL

INSTANT (I)	"AS AT"
DURATION (D)	"FOR THE PERIOD ENDED ON"
ABSTRACT	GROUP OF ELEMENTS
TUPLES	TABLE OF ELEMENTS
DETAILED TAGGING	
BLOCK TEXT TAGGING	

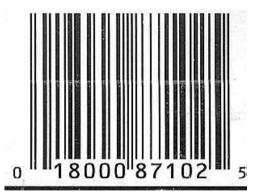




The story so far..!!

- ☐ XBRL is all about tagging
 - ... but the tags are electronic
- A bit like a bar code... but for financial reporting concepts





A bit like a bar code ...

 But instead of tagging a tin of beans

... we're tagging an item in a set of accounts









	Notes	2007 £	2006 £
CURRENT ASSETS			
Debtors	5	69,896	27,386
Cash at bank and in hand		84,738	472,073
		154,634	499,459
CREDITORS: Amounts falling due within one year	6	(119,126)	(498,734)
NET CURRENT ASSETS		35,508	725
NET ASSETS		35,508	725
CAPITAL AND RESERVES			
Called up share capital	7	500	400
Share premium	8	293,900	263,900
Profit and loss account	9	(258,892)	(263,575)
SHAREHOLDER'S FUNDS	10	35,508	725

These accounts have been prepared in accordance with the special provisions of Part VII of the Companies Act 1985 applicable to small companies.

HOW TO DO THE TAGGING?

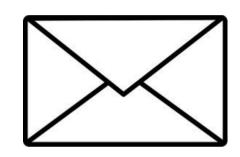








Notes	2007	2006
	£	£
5	69,896	27,386
	84,738	472,073
	154,634	499,459
6	(119,126)	(498,734)
	35,508	725
	35,508	725
7	500	400
8	293,900	263,900
9	(258,892)	(263,575)
10	35,508	725
	5 6 7 8 9	5 69 896 84,738 154,634 6 (119,126) 35,508 35,508 7 500 8 293,900 9 (258,892)



These accounts have been prepared in accordance with the special provisions of Part VII of the Companies Act 1985 applicable to small companies.



POST-PRODUCTION TAGGING





XBRL Conversion Company Limited
BALANCE SHEET
31 December 2007

Notes 2007		2006
	£	£
5	69,896	27,386
	84,738	472,073
	154,634	499,459
6	(119,126)	(498,734)
	35,508	725
	35,508	725
7	500	400
8	293,900	263,900
9	(258,892)	(263,575)
10	35,508	725
	778899	5 69,896 84,738 154,634 6 (119,126) 33,508 35,508 7 500 8 293,900 9 (258,892)

These accounts have been prepared in accordance with the special provisions of Part VII of the Companies Act 19

Bookkeeping

Year-end accounts

NO CHANGE IN THE PRESENT PROCESS

Extra process



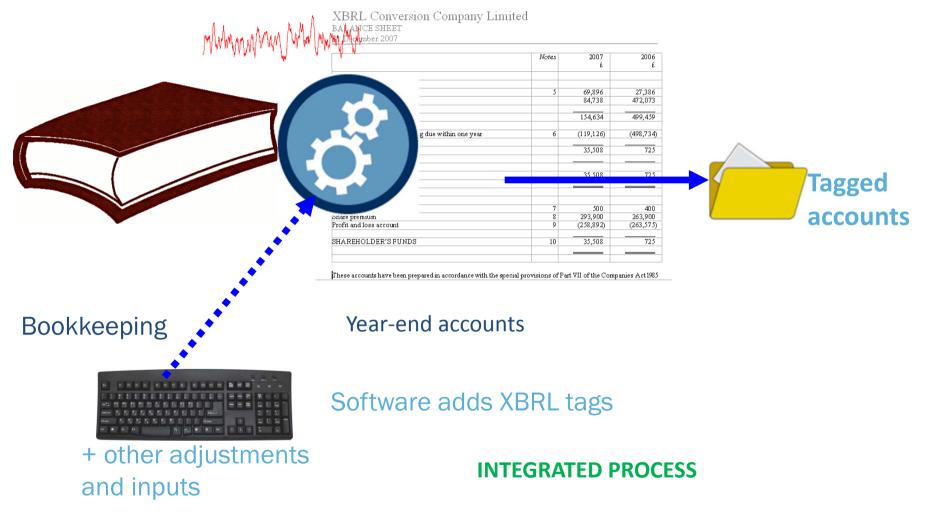


Software adds XBRL tags

EXTRA PROCESS



ACCOUNTS PRODUCTION SOFTWARE





- COMPLIANCE WITH MCA REGULATORY ENVIRONMENT
- IMPACT ASSESSMENT OF XBRL ON MIS
- MAPPING / TAGGING OF LINE ELEMENTS IN MIS (ACCOUNTS MASTER) WITH XBRL TAXONOMY
- CONSIDERING THE NEED FOR EXTENSION TAXONOMY







CA. NIRMAL GHORAWAT
C/o GHORAWAT & CO. (CA)
434, AJANTA SHOPPING CENTRE,
RING ROAD, SURAT – 395 002

T: +91 - 261 - 23 27 434

E: nirmal.ghorawat@icai.org

B: http://canirmalg.wordpress.com