

**Design and build  
accessible PDF tables**

**Sample tables**

**Table 1**

**Column header (TH) Column header (TH) Column header (TH)**

**Row header (TH)** Data cell (TD) Data cell (TD)

**Row header(TH)** Data cell (TD) Data cell (TD)

**Table 2: example of footnotes referenced from within a table**

**Expenditure by function £ million** 2009/10 2010/111

**Financial** 22.5 30.57

**Policy functions** **Information** 2 10.2 14.8

**Contingency** 2.6 1.2

**Agency services**3 44.7 35.91

**Payments** 22.41 19.88

**Remunerated functions**

**Banking** 22.90 44.23

**Other** 12.69 10.32

(1) Provisional total as of publication date.

(2) Costs associated with on-going information programmes.

(3) From the management accounts, net of recoveries, including interest charges.

**Table 3: "film credits" style layout**

**Main character** Daniel Radcliffe

**Sidekick 1** Rupert Grint

**Sidekick 2** Emma Watson

**Lovable ogre** Robbie Coltrane

**Professor** Maggie Smith

**Headmaster** Richard Harris

**Table 4:** table 3 with column headers added

**Role**              **Actor**

**Main character** Daniel Radcliffe

**Sidekick 1** Rupert Grint

**Sidekick 2** Emma Watson

**Lovable ogre** Robbie Coltrane

**Professor** Maggie Smith

**Headmaster** Richard Harris

**Table 5:** year-end financial statement (£, thousands)

2010 2009 2008

**Non-current assets**

<b>Property</b>	345	445	222
<b>Investment</b>	567	654	423
<b>Intangibles</b>	423	123	453
<b>Current assets</b>			
<b>Trade and other receivables</b>	435	634	231
<b>Cash and cash equivalents</b>	524	123	482
<b>Other</b>	223	211	254

**Table 6: a table with a more serious headings problem**

**Rainfall (inches) Americas Asia Europe Africa**

**2010**

**Average**      104      201      193      144

**24 hour high**    15      26      27      18

**12 hour high**    9      10      11      12

**2009**

**Average**      133      244      155      166

**24 hour high**    27      28      29      20

**12 hour high**    11      12      13      16

**Table 7: year-end statement, non-current assets (£, thousands)**

**Non-current assets 2010 2009 2008**

**Property** 345 445 222

**Investment** 567 654 423

**Intangibles** 423 123 453

**Table 8: year-end statement, current assets (£, thousands)**

**Current assets 2010 2009 2008**

**Trade and other receivables** 435 634 231

**Cash and cash equivalents** 524 123 482

**Other** 223 211 254

**Table 9: rainfall by continent, 2009**

**Rainfall (inches) Americas Asia Europe Africa**

**Average** 133 244 155 166

**24 hour high** 27 28 29 20

**12 hour high** 11 12 13 16

**Table 10: self-contained year-end statement (£, thousands) (multiple layout problems)**

**2011 2010 restated**

**General income** 250,000 200,000

<b>Increase in value, WIP</b>	15,000	30,000
	<b>265,000</b>	<b>230,000</b>

## **Administrative costs**

<b>Staff costs</b>	(200,000)	(150,000)
<b>Early departures</b>	(10,000)	(20,000)
<b>Other</b>	(25,000)	(10,000)
<b>Depreciation</b>	(10,000)	(10,000)

## Programme costs

<b>Impairment loss</b>	(10,000)	(5,000)
<b>Other</b>	(5,000)	(5,000)
	<b>(260,000)</b>	<b>(200,000)</b>

**Surplus** **5,000** **30,000**

**Table 11: self-contained year-end statement (£, thousands) (multiple problems resolved)**

		2011	2010 restated
<b>Income</b>	<b>General income</b>	250,000	200,000
	<b>Increase in value</b>	15,000	30,000
	<b>Total income</b>	<b>265,000</b>	<b>230,000</b>

	<b>Staff costs</b>	(200,000) (150,000)
<b>Administrative costs</b>	<b>Early departures</b>	(10,000) (20,000)
	<b>Other operating costs</b>	(25,000) (10,000)
	<b>Depreciation</b>	(10,000) (10,000)
	<b>Impairment loss</b>	(10,000) (5,000)
<b>Programme costs</b>	<b>Other</b>	(5,000) (5,000)
	<b>Total costs</b>	<b>Total costs</b>
		<b>(260,000) (200,000)</b>
<b>Surplus</b>		<b>5,000 30,000</b>

**Table 12: merged data cells are not recommended**

	<b>2008</b>	<b>2009</b>	
	<b>Name</b>	<b>Yes</b>	<b>No</b>
<b>Bob</b>	2	5	6
<b>Sue</b>	3	8	4
<b>Sam</b>	[data relating to both columns in a single cell spanning both]	[data relating to both columns in a single cell spanning both]	

**Table 13: use of graphic symbols**

<b>Question</b>	<b>Respondent A</b>	<b>Respondent B</b>	<b>Respondent C</b>
<b>Are you a UK citizen?</b>	{	}	{

Are you currently employed? } }  
 Do you have a driving licence? }

**Table 14: symbols replaced by real text**

Question	Respondent A	Respondent B	Respondent C
<b>Are you a UK citizen?</b>	No	Yes	No
<b>Are you currently employed?</b>	Yes	No	Yes
<b>Do you have a driving licence?</b>	No	No	Yes

**Table 15: courses offered by Institution X. A = Bachelor of Science, B = Bachelor of Arts, C = Masters, D = Doctorate, E = Diploma**

	2006	2007	2008	2009
<b>Economics</b>	A, B	A, C	A, B	A, C
<b>International relations</b>	A, E	A, E	A, B	A, E
<b>Philosophy</b>	A	A	A	A, D
<b>Politics</b>	A, D	A, D	A, D	A
<b>Mathematics</b>	B, C	B	A, E	A, B
<b>English</b>	A, C	A, B	A, B	C

**Table 16: Masters courses offered by Institution X**

2006 2007 2008 2009

**Economics** No Yes Yes Yes

**International relations** No No No No

**Philosophy** No No No No

**Politics** No No No No

**Mathematics** Yes No No No

**English** Yes Yes Yes Yes

**Table 17: accounts, 2011 (£, thousands)**

<b>Accounting item</b>	<b>2011</b>
<b>General income</b>	200,000
<b>Income</b>	<b>Increase in value, WIP</b> 30,000
	<b>Income subtotal</b> <b>230,000</b>
<b>Staff</b>	150,000
<b>Early departures</b>	20,000
<b>Administrative costs</b>	
<b>Other operating costs</b>	10,000
<b>Depreciation</b>	10,000
<b>Impairment loss</b>	10,000
<b>Programme costs</b>	
<b>Costs subtotal</b>	<b>200,000</b>

<b>Balance</b>	<b>30,000</b>
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**Table 18: accounts, 2011 (£, thousands)**

<b>Accounting item</b>	<b>2011</b>
<b>General income</b>	200,000
<b>Income</b>	<b>Increase in value, WIP</b> 30,000
	<b>Income subtotal</b> <b>230,000</b>
<b>Staff</b>	(150,000)
<b>Early departures</b>	(20,000)
<b>Administrative costs</b>	
<b>Other operating costs</b>	(10,000)
<b>Depreciation</b>	(10,000)
<b>Impairment loss</b>	(10,000)
<b>Programme costs</b>	
<b>Costs subtotal</b>	<b>(200,000)</b>
<b>Balance</b>	<b>30,000</b>

**Table 19: Human Development Index (HDI) trends, 1980 to 2010. Source: Barro-Lee March, 2010**

<b>Country</b>	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2010</b>
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<b>Afghanistan</b>	0.78	1.48	2.16	3.33
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<b>Albania</b>	8.89	9.67	9.89	10.38
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**Algeria** 4.74 3.33 5.50 7.24

**Andorra** 4.98 5.63 9.09 10.35

**Angola** - - 4.42 4.42

**Table 20: footnotes referenced from within a table**

**Expenditure by function £million** 2009/10 2010/11

**Financial** 22.5 30.57

**Policy functions** **Information**<sup>2</sup> 10.2 14.8

**Contingency** 2.6 1.2

**Agency services**<sup>3</sup> 44.7 35.91

**Payments** 22.41 19.88

**Remunerated functions**

**Banking** 22.90 44.23

**Other** 12.69 10.32

(1) Provisional total as of publication date.

(2) Costs associated with on-going information programmes.

(3) From the management accounts, net of recoveries and including interest charges

**Table 21: footnotes replaced by additional table summary text**

**Expenditure by function £million** 2009/10 2010/11

**Policy functions** **Financial** 22.5 30.57

<b>Information</b>	10.2	14.8
<b>Contingency</b>	2.6	1.2
<b>Agency services</b>	44.7	35.91
<b>Payments</b>	22.41	19.88
<b>Remunerated functions</b>		
<b>Banking</b>	22.90	44.23
<b>Other</b>	12.69	10.32

**Table 22:** referencing multiple endnotes from within a table

<b>Expenditure £m</b>	<b>Notes</b> (Notes located on page [n])	<b>2010</b>		<b>2011</b>	
		1	10.2	14.8	2.6
<b>Information</b>					
<b>Contingency</b>					
<b>Payments</b>	3		22.41	19.88	
<b>Banking services</b>	4		22.90	44.23	
<b>Interest</b>			0.23	0.10	
<b>Dividends</b>	23		2.5	3.68	
<b>Other</b>	9		12.69	10.32	

**Table 23:** simulated table created using tabs and containing no structure

<b>2008</b>	<b>2009</b>
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	<b>Name</b>	<b>Entered</b>	<b>Completed</b>	<b>Entered</b>	<b>Completed</b>
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<b>Bob</b>	22	21	20	19
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<b>Sue</b>	44	12	12	10
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**Table 24:** year-end financial statement (£, thousands)

	<b>2010</b>	<b>2009</b>	<b>2008</b>
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**Non-current assets**

<b>Buildings</b>	345	445	222
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<b>Investment</b>	567	654	423
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<b>Intangibles</b>	423	123	453
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**Current assets**

<b>Trade</b>	435	634	231
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<b>Cash</b>	524	123	482
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<b>Other</b>	223	211	254
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**Current liabilities**

<b>Trade liabilities</b>	154	125	421
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<b>Financial debt</b>	231	474	572
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<b>Provisions</b>	111	312	347
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**Table 25:** setting column and row scope via the tags panel

	<b>2008</b>	<b>2009</b>
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<b>Name Entered Won</b>	<b>Entered Won</b>
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<b>Bob</b>	22	21	20	19
<b>Sue</b>	44	12	12	10
<b>Sam</b>	16	4	45	30

**Table 26: courses offered by Institution X. A = Bachelor of Science, B = Bachelor of Arts, C = Masters, D = Doctorate, E = Diploma**

	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Economics</b>	A, B	A, C	A, C	A, C
<b>International relations</b>	A, E	A, E	A, B	A, B
<b>Philosophy</b>	A	A	A	A
<b>Politics</b>	A, D	A, D	A, B	A
<b>Mathematics</b>	B, C	B	A, B	A, B
<b>English</b>	A, C	A, B	A, B	A, C

**Table 27: “table” with columns simulated by using tab stops**

<b>Name</b>	<b>Apples</b>	<b>Pears</b>
<b>Bob Scott</b>	20	25
<b>Susan. P. Arnold-Jones, BA, FRSA, MD</b>	24	15

**Table 28:** year-end financial table (£, thousands) – headings problem revisited

	2010	2009	2008
<b>Non-current assets</b>			
<b>Buildings</b>	345	445	222
<b>Investment</b>	567	654	423
<b>Intangibles</b>	423	123	453
<b>Current assets</b>			
<b>Trade</b>	435	634	231
<b>Cash</b>	524	123	482
<b>Other</b>	223	211	254
<b>Current liabilities</b>			
<b>Trade liabilities</b>	154	125	421
<b>Financial debt</b>	231	474	572
<b>Provisions</b>	111	312	347

**Table 29:** multiple headers attributes for each data cell

	South America	Asia	Africa	Australia
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**2010****Highest average** 523.6 467.4 405.0 340.5**Highest in 24 hours** 73.1 54.1 27.2 66.3**Highest in 12 hours** 42.4 30.1 15.9 40.3**2009****Highest average** 487.7 453.6 398.7 356**Highest in 24 hours** 67.2 53.2 44.3 53.8**Highest in 12 hours** 34.7 34.1 29.8 31.0**2008****Highest average** 496.7 444.3 502.1 399.6**Highest in 24 hours** 44.2 56.7 32.1 63.2**Highest in 12 hours** 30.1 32.7 21.9 40.2