

**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 services3 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

Property	345	445	222
Investment	567	654	423
Intangibles	423	123	453
Current assets			
Trade and other receivables	435	634	231
Cash and cash equivalents	524	123	482
Other	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

Increase in value, WIP	15,000	30,000
	265,000	230,000

Administrative costs

Staff costs	(200,000)	(150,000)
Early departures	(10,000)	(20,000)
Other	(25,000)	(10,000)
Depreciation	(10,000)	(10,000)

Programme costs

Impairment loss	(10,000)	(5,000)
Other	(5,000)	(5,000)
	(260,000)	(200,000)

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

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

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

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

Table 12: merged data cells are not recommended

	2008	2009	
	Name	Yes	No
Bob	2	5	6
Sue	3	8	4
Sam	[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

Question	Respondent A	Respondent B	Respondent C
Are you a UK citizen?	{	}	{

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

Table 14: symbols replaced by real text

Question	Respondent A	Respondent B	Respondent C
Are you a UK citizen?	No	Yes	No
Are you currently employed?	Yes	No	Yes
Do you have a driving licence?	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
Economics	A, B	A, C	A, B	A, C
International relations	A, E	A, E	A, B	A, E
Philosophy	A	A	A	A, D
Politics	A, D	A, D	A, D	A
Mathematics	B, C	B	A, E	A, B
English	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)

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

Balance	30,000
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Table 18: accounts, 2011 (£, thousands)

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

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

Country	1980	1990	2000	2010
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Afghanistan	0.78	1.48	2.16	3.33
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Albania	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**² 10.2 14.8

Contingency 2.6 1.2

Agency services³ 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

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

Table 22: referencing multiple endnotes from within a table

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

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

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

	2010	2009	2008
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Non-current assets

Buildings	345	445	222
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Investment	567	654	423
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Intangibles	423	123	453
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Current assets

Trade	435	634	231
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Cash	524	123	482
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Other	223	211	254
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Current liabilities

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

	2008	2009
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Name Entered	Won Entered	Won
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Bob	22	21	20	19
Sue	44	12	12	10
Sam	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

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

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

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

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

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