

# Using Max Rows and Max Chars for a Table

DbVisualizer limits the number of rows shown in the Data tab to 1000 rows, by default. This is done to conserve memory. If this limit prevents you from seeing the data of interest, you should first consider:

1. Using a [Where Filter](#) to only retrieve the rows of interest instead of all rows in the table,
2. [Exporting the table](#) to a file

If you really need to look at more than 1000 rows, you can change the value in the **Max Rows** field in the grid status bar. Use a value of 0 or -1 to get all rows, or a specific number (e.g. 5000) to set a new limit.

Character data columns may contain very large values that use up lots of memory. If you are only interested in seeing a few characters, you can set the **Max Chars** field in the grid status bar to the number of characters you want to see.

You can define how to deal with columns that have more characters than the specified maximum in the Tool Properties dialog, in the Grid category under the General tab. You have two choices: **Truncate Values** or **Truncate Values Visually**.

- **Truncate Values** truncates the original value for the grid cell to be less than the setting of Max Chars.

This affects any subsequent edits and SQL operations that use the value since it's truncated. This setting is only useful to save memory when viewing very large text columns.

- **Truncate Values Visually** truncates the visible value only and leave the original value intact. This is the preferred setting since it will not harm the original value. The disadvantage is that more memory is needed when dealing with large text columns.

When the grid data is limited due to either the **Max Rows** or **Max Chars** value, you get an indication about this in the rows/columns field in the grid status bar and in the corresponding limit field.

Table: EMPLOYEES

Ora12C\_HR/Schemas/HR/Tables/EMPLOYEES

Info Columns Data Row Count Primary Key Row Id References Navigator Grants Columns Comment Indexes Constraints

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	100	Steven	King	SKING	515.123.45	2003-06-17 00:00:00	AD_PRES	24000	(null)	(null)	
2	101	Neena	Kochhar	NKOCHHAR	515.123.45	2005-09-21 00:00:00	AD_VP	17000	(null)	100	
3	102	Lex	De Haan	LDEHAAN	515.123.45	2001-01-13 00:00:00	AD_VP	17000	(null)	100	
4	103	Alexander	Hunold	AHUNOLD	590.423.45	2006-01-03 00:00:00	IT_PROG	9000	(null)	102	
5	104	Bruce	Ernst	BERNST	590.423.45	2007-05-21 00:00:00	IT_PROG	6000	(null)	103	
6	105	David	Austin	DAUSTIN	590.423.45	2005-06-25 00:00:00	IT_PROG	4800	(null)	103	
7	106	Valli	Pataballa	VPATABAL	590.423.45	2006-02-05 00:00:00	IT_PROG	4800	(null)	103	
8	107	Diana	Lorentz	DLORENTZ	590.423.55	2007-02-07 00:00:00	IT_PROG	4200	(null)	103	
9	108	Nancy	Greenberg	NGREENBE	515.124.45	2002-08-17 00:00:00	FI_MGR	12008	(null)	101	
10	109	Daniel	Faviet	DFAVIET	515.124.41	2002-08-16 00:00:00	FI_ACCOUNT	9000	(null)	108	
11	110	John	Chen	JCHEN	515.124.42	2005-09-28 00:00:00	FI_ACCOUNT	8200	(null)	108	
12	111	Ismael	Sciarra	ISCIARRA	515.124.43	2005-09-30 00:00:00	FI_ACCOUNT	7700	(null)	108	
13	112	Jose Manue	Urman	JMURMAN	515.124.44	2006-03-07 00:00:00	FI_ACCOUNT	7800	(null)	108	
14	113	Luis	Popp	LPOPP	515.124.45	2007-12-07 00:00:00	FI_ACCOUNT	6900	(null)	108	
15	114	Den	Raphaely	DRAPHEAL	515.127.45	2002-12-07 00:00:00	PU_MAN	11000	(null)	100	
16	115	Alexander	Khoo	AKHOO	515.127.45	2003-05-18 00:00:00	PU_CLERK	3100	(null)	114	
17	116	Shelli	Baida	SBAIDA	515.127.45	2005-12-24 00:00:00	PU_CLERK	2900	(null)	114	
18	117	Sigal	Tobias	STOBIAS	515.127.45	2005-07-24 00:00:00	PU_CLERK	2800	(null)	114	
19	118	Guy	Himuro	GHIMURO	515.127.45	2006-11-15 00:00:00	PU_CLERK	2600	(null)	114	
20	119	Karen	Colmenares	KCOLMENA	515.127.45	2007-08-10 00:00:00	PU_CLERK	2500	(null)	114	
21	120	Matthew	Weiss	MWEISS	650.123.12	2004-07-18 00:00:00	ST_MAN	8000	(null)	100	
22	121	Adam	Fripp	AFRIPP	650.123.22	2005-04-10 00:00:00	ST_MAN	8200	(null)	100	
23	122	Payam	Kaufing	PKAUFLIN	650.123.32	2003-05-01 00:00:00	ST_MAN	7900	(null)	100	
24	123	Shanta	Vollman	SVOLLMAN	650.123.42	2005-10-10 00:00:00	ST_MAN	6500	(null)	100	
25	124	Kevin	Mourgos	KMOURGOS	650.123.52	2007-11-16 00:00:00	ST_MAN	5800	(null)	100	
26	125	Julia	Nayer	JNAYER	650.124.12	2005-07-16 00:00:00	ST_CLERK	3200	(null)	120	
27	126	Irene	Mikkilineni	IMIKKILI	650.124.12	2006-09-28 00:00:00	ST_CLERK	2700	(null)	120	
28	127	James	Landry	JLANDRY	650.124.13	2007-01-14 00:00:00	ST_CLERK	2400	(null)	120	
29	128	Steven	Markle	SMARKLE	650.124.14	2008-03-08 00:00:00	ST_CLERK	2200	(null)	120	
30	129	Laura	Bissot	LBISSOT	650.124.52	2005-08-20 00:00:00	ST_CLERK	3300	(null)	121	
31	130	Mozhe	Atkinson	MATKINSO	650.124.62	2005-10-30 00:00:00	ST_CLERK	2800	(null)	121	
32	131	James	Marlow	JAMRLOW	650.124.72	2005-02-16 00:00:00	ST_CLERK	2500	(null)	121	
33	132	TJ	Olson	TJOLSON	650.124.82	2007-04-10 00:00:00	ST_CLERK	2100	(null)	121	
34	133	Jason	Mallin	JMALLIN	650.127.19	2004-06-14 00:00:00	ST_CLERK	3300	(null)	122	
35	134	Michael	Rogers	MROGERS	650.127.18	2006-08-26 00:00:00	ST_CLERK	2900	(null)	122	
36	135	Ki	Gee	KGEE	650.127.17	2007-12-12 00:00:00	ST_CLERK	2400	(null)	122	
37	136	Hazel	Philtanker	HPHILTAN	650.127.16	2008-02-06 00:00:00	ST_CLERK	2200	(null)	122	
38	137	Renske	Ladwig	RLADWIG	650.121.12	2003-07-14 00:00:00	ST_CLERK	3600	(null)	123	
39	138	Stephen	Stiles	SSTILES	650.121.20	2005-10-26 00:00:00	ST_CLERK	3200	(null)	123	
40	139	John	Seo	JSEO	650.121.20	2006-02-12 00:00:00	ST_CLERK	2700	(null)	123	
41	140	Neena	Patel	NPATL	650.121.18	2006-04-06 00:00:00	ST_CLERK	2500	(null)	123	

Max Rows: 100 Max Chars: 10 Pattern: n/a 0.000/0.032 sec 100/11 1-41

Text data truncated by Max Chars

Along with the highlighted field, a warning pops up close to the field. You can disable this behavior in the Tool Properties dialog, in the **Grid** category under the **General** tab.