

UNLOADTIMES

Tool	Table Desc	# Rows	File Size	Run Time (sec)	Notes
dbaccess UNLOAD	big_numbers – three BIGINT columns – 24 bytes/row	16431811	815 MB	21.12	file: big_numbers.unl
External table delimited	big_numbers – three BIGINT columns – 24 bytes/row	16431811	815 MB	10.77	file: big_numbers.ext.delimited
External table fixed	big_numbers – three BIGINT columns – 24 bytes/row	16431811	1034 MB	12.07	file: big_numbers.ext.fixed
External table Informix binary	big_numbers – three BIGINT columns – 24 bytes/row	16431811	376 MB	3.73	file: big_numbers.ext.informix
ul (default options)	big_numbers – three BIGINT columns – 24 bytes/row	16431811	376 MB	12.02	file: big_numbers.default.ul
ul -S (sync)	big_numbers – three BIGINT columns – 24 bytes/row	16431811	376 MB	12.28	file: big_numbers.synch.ul
ul -B 24000000 (24MB)	big_numbers – three BIGINT columns – 24 bytes/row	16431811	376 MB	11.96	file: big_numbers.bigbuf.ul
onunload -b 4	big_numbers – three BIGINT columns – 24 bytes/row	16431811	445,9 MB	10.43	file: big_numbers.4k.onunload
onunload -b 2048	big_numbers – three BIGINT columns – 24 bytes/row	16431811	446 MB+	8.49	file: big_numbers.2m.onunload

Tool	Table Desc	# Rows	File Size	Run Time (sec)	Notes
dbaccess UNLOAD	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	32.22 MB	27.92	file: big_text.unl
External table delimited	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	32.22 MB	26.45	file: big_text.ext.delimited
External table fixed	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	871 MB	27.98	file: big_text.ext.fixed
External table Informix binary	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	868 MB	27.97	file: big_text.ext.informix
ul (default options)	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	868 MB	29.57	file: big_text.default.ul
ul -B 24000000 (24MB)	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	868MB	30.77	file: big_text.bugbuf.ul
onunload -b 4	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	888 MB	17.37	file: big_text.4k.onunload
onunload -b 2048	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	890 MB	14.02	file: big_text.2m.onunload

Tool	Table Desc	# Rows	Export Dir Size	Run Time (sec)	Notes
dbexport -ss	techtalk database – both tables		876 MB	70.52	dir: techtalk.exp.dbexport/ Dir: techtalk.exp.myexport.default
myexport -m (default)	techtalk database – both tables		876 MB	105.85	Full run Data Only
myexport -m -E (External tables delimited)	techtalk database – both tables		876 MB	53.27	Dir: techtalk.exp.myexport.external Full run Data Only
myexport -m -e (External tables express delimited)	techtalk database – both tables		876 MB	33.85	Dir: techtalk.exp.myexport.express Full run Data Only, database must be in UNLOGGED mode
myexport -m -B (External tables Informix binary)	techtalk database – both tables		1274 MB	24.42	Dir: techtalk.exp.myexport.informix Full run Data Only, database must be in UNLOGGED mode
onunload -b 4	techtalk database – both tables		1336 MB	33.37	file: techtalk.dbs.4k.onunload
onunload -b 2048	techtalk database – both tables		1338 MB	27.07	file: techtalk.dbs.2m.onunload
dbexport -ss -o /tmp	database testdb	9962850	517236	18.17	Dir: testdb.exp.dbexport Dbexport default w/storage
myexport -o /tmp	database testdb	9962850	517240	41.81	Dir: testdb.exp.myexport.default Default. Dbexport compatible.
myexport -m -E -o /tmp	database testdb	9962850	517476	13.98	Dir: testdb.exp.myexport.external Delimited, Deluxe mode
myexport -m -e -o /tmp	database testdb	9962850	517476	11.83	Dir: testdb.exp.myexport.external Delimited, Express mode, database must be in UNLOGGED mode
myexport -m -B -o /tmp	database testdb	9962850	486904	6.76	Dir: testdb.exp.myexport.informix Informix binary format, database must be in UNLOGGED mode

DATA LOAD TIMES

Tool	Table Desc	# Rows	File Size	Run Time (sec)	Notes
dbaccess LOAD	big_numbers – three BIGINT columns – 24 bytes/row	16431811	815 MB	100.14	file: big_numbers.unl RAW mode. Failed (long trans) after 10 minutes with ~5million rows loaded in STANDARD mode.
dbload	big_numbers – three BIGINT columns – 24 bytes/row	16431811	815 MB	112.57	file: big_numbers.unl Commit every 100,000 rows.
External table delimited	big_numbers – three BIGINT columns – 24 bytes/row	16431811	815 MB	66.94	file: big_numbers.ext.delimited
External table fixed	big_numbers – three BIGINT columns – 24 bytes/row	16431811	1034 MB	63.56	file: big_numbers.ext.fixed
External table Informix binary	big_numbers – three BIGINT columns – 24 bytes/row	16431811	376 MB	45.05	file: big_numbers.ext.informix
ul (default options)	big_numbers – three BIGINT columns – 24 bytes/row	16431811	376 MB	58.67	file: big_numbers.default.ul Options: -c 1000000
ul -i	big_numbers – three BIGINT columns – 24 bytes/row	16431811	376 MB	76.83	file: big_numbers.default.ul Options: -i -c 1000000
ul -i -B 24000000 (24MB)	big_numbers – three BIGINT columns – 24 bytes/row	16431811	376 MB	77.16	file: big_numbers.default.ul Options: -i -c 1000000 -B 24000000
onload -b 4	big_numbers – three BIGINT columns – 24 bytes/row	16431811	445,9 MB	55.27	file: big_numbers.4k.onunload
onload -b 2048	big_numbers – three BIGINT columns – 24 bytes/row	16431811	446 MB+	55.98	file: big_numbers.2m.onunload

Tool	Table Desc	# Rows	File Size	Run Time (sec)	Notes
dbaccess LOAD	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	32.22 MB	49.67	file: big_text.unl
dbload	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	32.22 MB	49.36	file: big_text.unl
External table delimited	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	32.22 MB	28.64	file: big_text.ext.delimited
External table fixed	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	871 MB	34.69	file: big_text.ext.fixed
External table Informix binary	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	868 MB	36.67	file: big_text.ext.informix
ul (default options)	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	868 MB	52.05	file: big_text.default.ul
ul -i	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	868 MB	52.92	file: big_numbers.default.ul Options: -i -c 1000000
ul -i -B 24000000 (24MB)	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	868MB	50.87	file: big_numbers.default.ul Options: -i -c 1000000 -B 24000000
onload -b 4	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	888 MB	129.98	file: big_text.4k.onunload
onload -b 2048	big_text – 4008 byte rows w/ 1 BIGINT & one 4000byte CHAR column	227288	890 MB	104.99	file: big_text.2m.onunload

Tool	Table Desc	# Rows	Export Dir		Notes
			Size	Run Time (sec)	
dbimport	techtalk database – both tables	16659099	876 MB	105.16	dir: techtalk.exp.dbexport/
myimport -m (default)	techtalk database – both tables	16659099	876 MB	127.91	Dir: techtalk.exp.myexport.default Full run Data Only
mimport -m -E (External tables delimited)	techtalk database – both tables	16659099	876 MB	88.49	Dir: techtalk.exp.myexport.external Full run Data Only
mimport -m -e (External tables express delimited)	techtalk database – both tables	16659099	876 MB	54.19	Dir: techtalk.exp.myexport.express Full run Data Only
mimport -m -B (External tables Informix binary)	techtalk database – both tables	16659099	1274 MB	49.51	Dir: techtalk.exp.myexport.informix Full run Data Only
onload -b 4	techtalk database – both tables	16659099	1336 MB	171.68	file: techtalk.dbs.4k.onunload
onload -b 2048	techtalk database – both tables	16659099	1338 MB	177.72	file: techtalk.dbs.2m.onunload
dbimport	database testdb	9962850	517236	59.43	Dir: testdb.exp.dbexport Dbexport default w/storage
myimport	database testdb	9962850	517240	69.84	Dir: testdb.exp.myexport.default Default. Dbexport compatible.
myimport -m -E	database testdb	9962850	517476	58.26	Dir: testdb.exp.myexport.external Delimited, DELUXE mode
myimport -m -E	database testdb	9962850	517476	44.40	Dir: testdb.exp.myexport.express Delimited, EXPRESS mode
myimport -m -B	database testdb	9962850	486904	31.56	Dir: testdb.exp.myexport.informix Informix binary format