

Test Cheat Sheet

by Abbay Kutte via cheatography.com/101747/cs/21182/

test1			,
	01	01	01
• Stage	• Stage	• Stage	• Stage
source data	source data	source data	source data
in QVD files	in QVD files	in QVD files	in QVD files
and then	and then	and then	and then
load from	load from	load from	load from
the QVD as	the QVD as	the QVD as	the QVD as
this will	this will	this will	this will
avoid strain	avoid strain	avoid strain	avoid strain
on the	on the	on the	on the
source	source	source	source
systems	systems	systems	systems
and	and	and	and
possibly	possibly	possibly	possibly
network	network	network	network
bandwidth	bandwidth	bandwidth	bandwidth
as well as	as well as	as well as	as well as
be a lot	be a lot	be a lot	be a lot
quicker,	quicker,	quicker,	quicker,
safer and	safer and	safer and	safer and
more	more	more	more
productive •	productive •	productive •	productive •
Break out	Break out	Break out	Break out
different	different	different	different
data source	data source	data source	data source
load	load	load	load
process into	process into	process into	process into
different	different	different	different
script	script	script	script
sections	sections	sections	sections
and use an	and use an	and use an	and use an
Exit Script	Exit Script	Exit Script	Exit Script
section,	section,	section,	section,
which can	which can	which can	which can
be easily	be easily moved to	be easily	be easily
moved to test each of	test each of	moved to test each of	moved to test each of
your load	your load	your load	your load
1	,	,	
processes separately •	processes separately •	processes separately •	processes separately •
If possible,	If possible,	If possible,	If possible,
develop	develop	develop	develop
with a	with a	with a	with a
meaningful	meaningful	meaningful	meaningful
subset of	subset of	subset of	subset of
data using Where	data using Where	data using Where	data using Where
clauses	clauses	clauses	clauses
and/or	and/or	and/or	and/or
Exists	Exists	Exists	Exists
clauses in	clauses in	clauses in	clauses in
the load	the load	the load	the load
process to	process to	process to	process to

test1 (cont) \\eudvmms-\\eudvmmsqs501\devqs501\dev-\1000.Dat-\1000.Data_QVD_a_QVD_-Layer\1.Q-Layer\1.Q-VD\1.Extr-VD\1.Extract\QVact\QV-_QVD_B-_QVD_Before\ efore\

Test 2

· Stage source data in QVD files and then load from the QVD as this will avoid strain on the source systems and possibly network bandwidth as well as be a lot quicker, safer and more productive • Break out different data source load process into different script sections and use an Exit Script section, which can be easily moved to test each of your load processes separately • If possible, develop with a meaningful subset of data using Where clauses and/or Exists clauses in the load process to ensure you maintain relevant key matches • Avoid trying to create overly large applications covering multiple use cases, it is far more efficient to create several smaller applications each covering a discrete user journey • Remove synthetic keys and where possible and circular references • Remove (or comment out a better practice) all unused fields from the load • Remove or simplify time stamps (for example you don't need 1/100th of a second so you could use the ceil function to round up to the nearest minute) or highly unique system fields • Use Limited Load in debug mode to test your logic of the script before running a full reload or use the First function to limit the load • Use Autonumber to replace text string based key

ensure you ensure you ensure you ensure you maintain maintain maintain maintain relevant key relevant key relevant kev relevant key matches • matches • matches • matches • Avoid trying Avoid trying Avoid trying Avoid trying to create to create to create to create overly large overly large overly large overly large applications applications applications applications covering covering covering covering multiple use multiple use multiple use multiple use cases, it is cases, it is cases, it is cases, it is far more far more far more far more efficient to efficient to efficient to efficient to create create create create several several several several smaller smaller smaller smaller applications applications applications applications each each each each covering a covering a covering a covering a discrete discrete discrete discrete user journey user journey user journey user journey Remove Remove Remove Remove synthetic synthetic synthetic synthetic keys and keys and keys and keys and where where where where possible possible possible possible and circular and circular and circular and circular references • references • references • references • Remove (or Remove (or Remove (or Remove (or comment comment comment comment out a better out a better out a better out a better practice) all practice) all practice) all practice) all unused unused unused unused fields from fields from fields from fields from the load • the load • the load • the load • Remove or Remove or Remove or Remove or simplify simplify simplify simplify time stamps time stamps time stamps time stamps (for (for (for (for example example example example you don't you don't you don't you don't need need need need 1/100th of a 1/100th of a 1/100th of a 1/100th of a second so second so second so second so you could you could you could you could use the ceil use the ceil use the ceil use the ceil function to function to function to function to round up to round up to round up to round up to the nearest the nearest the nearest the nearest minute) or minute) or minute) or minute) or highly highly highly highly unique unique unique unique system system system system fields • Use fields • Use fields • Use fields • Use Limited Limited Limited Limited Load in Load in Load in Load in debug debug debug debug mode to test mode to test mode to test mode to test

fields with more efficient integers • Remove, join or concatenate unnecessary snow flaked tables • Avoid using nested if statements – alternatives are mapping tables in the load script and pick (match functions and Set Analysis with flag fields in the User Interface • Consider the use of incremental loads for large data sets that need to be regularly updated, this will reduce the load on the source system and speed up the overall load process

your logic of	your logic of	your logic of	your logic of
the script	the script	the script	the script
before	before	before	before
running a	running a	running a	running a
full reload	full reload	full reload	full reload
or use the	or use the	or use the	or use the
First	First	First	First
function to	function to	function to	function to
limit the	limit the	limit the	limit the
load • Use	load • Use	load • Use	load • Use
Autonumber	Autonumber	Autonumber	Autonumber
to replace	to replace	to replace	to replace
text string	text string	text string	text string
based key	based key	based key	based key
fields with	fields with	fields with	fields with
more	more	more	more
efficient	efficient	efficient	efficient
integers •	integers •	integers •	integers •
Remove,	Remove,	Remove,	Remove,
join or	join or	join or	join or
concatenate	concatenate	concatenate	concatenate
unnece-	unnece-	unnece-	unnece-
ssary snow	ssary snow	ssary snow	ssary snow
flaked	flaked	flaked	flaked
tables •	tables •	tables •	tables •
Avoid using	Avoid using	Avoid using	Avoid using
nested if	nested if	nested if	nested if
statements	statements	statements	statements
– altern-	– altern-	– altern-	– altern-
atives are	atives are	atives are	atives are
mapping	mapping	mapping	mapping
tables in the	tables in the	tables in the	tables in the
load script	load script and pick	load script and pick	load script and pick
		and bick	and bick
and pick			
(match	(match	(match	(match
(match functions	(match functions	(match functions	(match functions
(match functions and Set	(match functions and Set	(match functions and Set	(match functions and Set
(match functions and Set Analysis	(match functions and Set Analysis	(match functions and Set Analysis	(match functions and Set Analysis
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