2001 SIGIMAGE *Preliminary* Ballot (Vers: 28 Aug '00)

** THIS is NOT the final SIGIMAGE 2001 Ballot: Actual vote expected on web in early 2001 **

These items have been reviewed by the Image/SQL Advisory Committee (ISAC), but have NOT been committed to by HP. You have **TEN votes** for **41 items.** Use all 10 on one, or divide as you wish. Vote against with minus sign prefix. **BUT: Absolute vote total must be <= 10**. **ONE ballot** per user. **[Name] & [Phone #** or **e-mail] required.** Ballots without that info or >10 votes will be disqualified. "'01 #" column is 2001-only tracking number. "SIB ID" is Interex System Improvement Ballot #; that will carry forward until item is done or dropped from ballot. The **(S)**mall - **(M)**edium - **(L)**arge under "**Lab Eff(ort)"** column is HP's ROM estimate of implementation effort. Put a "**1**" & "**2**" in **Reasons** columns to indicate primary & secondary reasons for your votes.
Reasons are: **P** (Performance), **F** (Functionality), **U** (ease of Use), **M** (ease of Maintenance), **O** (Other).

'01 #	SIB ID	Enhancement Summary. See web links for additional details on 2001 Ballot item numbers 04, 15, 18, 19, 35, 36, and 41.	Lab eff.	Item vote	P	F	U	M	O
		General Enhancements to TurboIMAGE:							
01	97I01	IMAGE multi-record / multi-set DBGET, DBPUT, & DBUDPATE (process entire blocks of data instead of just individual records):	M						
02	97I02	New IMAGE GETUPDATE intrinsic, to retrieve/update record(s) in one call without prior DBGET (saves overhead, plus simplifies coding if just want to change data regardless of current value):	M						
03	97I03	Concurrent IMAGE read-only DBLOCK mode (repeatable read). Allow multiple reads, but force all DBLOCKs for WRITE access to be treated serially while READ lock was in effect:	L						
04	97I04	DBUTIL: Non-destructive creator access across groups:	S						
05	97I05	DBUTIL ignore file equations (can't use / do not apply anyway):	S						
06	97I06	Make DBSCHEMA fully SQL-aware:	M						
07	97I07	DBSCHEMA ability to specify all DBUTIL flags/settings (has not "kept up" with many recent changes to DBUTIL):	S						
08	98I08	DBSCHEMA: Allow Masters to be declared after Details:	M						
09	98I09	DBSCHEMA option: Allow symbolic expressions for capacity:	S						
10	98I10	DBSCHEMA option: Optionally auto calculate PATH count:	M						
11	99I11	DBSCHEMA: Flag ALLBASE reserved words with WARNing (no restrictions now). Would catch conflicts up-front, instead of only later if IMAGE database is ATTACHed to a DBE:	M						
12	97I12	IMAGE DCE compatibility (Security, directory services, etc):	L						
13	97I13	Better DBUPDATE performance for IMAGE Sort Fields with CIUPDATE (compare new value to old, then search for new position in the "right" direction, instead of start at end of chain):	M						
14	97I14	Global file FOPEN (system-wide "handle"): Better performance plus avoid one-process max # of open files limit (some sites are already at limit). IMAGE & other PM could access via intrinsics:	L						
15	97I15	Ability to set max IMAGE chain lengths, with unique key option:	M						
16	97I16	Measurement Interface (MI) for IMAGE performance data, like MPE MI and GLANCE. At least one 3rd-party tool available now:	M						
17	98I17	Allow >16 paths in a DETAIL dataset (>16 in Master "Soon"):	M						
18	99I18	Ability to pass DBOPEN to son process, if IMAGE database is in a stable state (avoid unnecessary duplicate DBOPENs):	L						

#	SIB	2001 SIGIMAGE Ballot - Vers. 2000-08-28 -- Summary	eff.	vote	P	F	U	M	O
19	00I19	IMAGE Linear Fast MASTER Dataset Expansion / "Inflation":	L						
20	00I20	Drop need for IMAGE BlockLength to be multiple of 256B (save space):	S						
21	00I21	Allow IMAGE databases under HFS directories (but retain six-character limit on database name):	L						
22	00I22	Provide external documentation for DBQUIESCE intrinsic used by TURBOSTORE, including appropriate end-user cautions:	M						
23	00I23	Make IMAGE thread aware / thread safe.	L						
24	01I24	Add new DBINFO modes (probably '5xx') to return all root file flag settings (several flags are missing from current mode-list). Avoid need for child process & parse of DBUTIL-FLAGS output.	S						
		Enhancements to IMAGE QUERY:							
25	97I24	Provide a MULTIFIND update / delete function in IMAGE QUERY (currently read-only for multiple records):	L						
26	97I25	Ability to access DBCONTROL and DBINFO in QUERY (to get info on and control new features like TPI, DDX, and B-Trees):	S						
27	97I26	Data integrity: Support IMAGE dynamic transactions in QUERY (DBBEGIN / DBEND and DBXBEGIN / DBXEND):	S						
28	98I27	QUERY FIND, MULTIFIND, & SUBSET display running count of records retrieved and / or percent complete, without <CTRL-Y>:	M						
29	99I28	UNconditional QUERY IMAGE lock option (just conditional now). Avoids "do you wish to wait" question, and queue QUERY locks.	M						
30	00I29	Add features from old "Advanced QUERY" (AQ) to QUERY:	??						
		Items that may benefit from "IMAGE ENCHILADA" proposal (ENhancement for caCHIng Limited Authorized DAta). ENCHILADA may be a prerequisite for getting some/all. But agreement on external spec elusive. **Vote for each item for now; + see:** **http://www.allegro.com/sigimage/index.html**							
31	97I30	Allow default values for FIELDs not specified at DBPUT time, with equivalent to SQL/Server "AUTOINCREMENT" feature:	M						
32	97I31	Allow tracking files to be associated with an IMAGE database (all associated files; such as schemas, 3rd-party indexes, etc.):	M						
33	97I32	Tool "memory area" associated with a database (allow logging of tool-specific IMAGE data on structural problems, etc.):	M						
34	97I33	Date / Time and other new datatypes or "attributes" in IMAGE:	L						
35	97I34	IMAGE Support for Binary Large Objects (BLOBS) / BLOB Pointers (store large BLOBs externally; small BLOBs ??):	L						
36	98I35	Allow positive data in PACKED / ZONED decimal Items to be defined in IMAGE as UNSIGNED (P/Z) or SIGNED (P+/Z+):	??						
37	99I36	Tag to associate COBOL picture info with an IMAGE data item:	??						
38	99I37	Tag(s) to record internal IMAGE errors, to reduce repair time:	??						
39	99I38	LOCL tag, to allow DBAs to add local IMAGE ENCHILADA info:	??						
40	99I39	Tags for one or more aliases / views for IMAGE items, fields, & sets; without needing to use an Allbase DBE for that capability:	??						
41	99I40	Tag for IMAGE "Linked Procedures" (might allow approximation of Stored Procedures, if DBUTIL was enhanced to ENABLE):	??						

42: _____

43: _____