TINE NAMES, CONVENTIONS, RECOMMENDATIONS as of 07.02.2008, S. Herb

ADDRESS STRING NAMES = /CONTEXT/DEVICESERVER/DEVICE/PROPERTY				
Name	Scope	Usage	Case	Examples
CONTEXT	GLOBAL	FACILITY	UPPER	PETRA, PEX, LINAC2, FLASH
		FACILITY.EXTENSION		PETRA.SIM, LINAC2.DAEMON
DEVICESERVER	CONTEXT	DEVICE TYPE	UPPER (?)	KICKER SCRAPER DIPOLE RF104
	(+ SUBSYSTEM ?)			VAC.ION_PUMP (?)
DEVICE	DEVICESERVER	Device Instance	Camel	M130WL.X
		Device Location		OL150
PROPERTY	DEVICETYPE	Device Property	Camel	Cavitywasser_Vorlauftemp, P, P.KALT, P.WARM

CONTROL SYSTEM INTERNAL NAMES				
Name	Scope	Usage	Case	Examples
HOST	CONTEXT	DNS hostname, alias	lower	accntl2seki acclxpehdw01 mskvxw01
FECNAME	GLOBAL	TINE Process name	UPPER	L2SEKI, PEKORR-NW , PEVAC-NW
TAGNAME	FEC	'Tag' for Tine Equipment Module	UPPER	BPMMOD, TSPMOD, (but really not important!)
EXPORT NAME	CONTEXT	old alias for "DEVICESERVER"	UPPER	see DEVICESERVER
SUBSYSTEM	~ CONTEXT	used for system organization	UPPER	DIAG, FB, MAG, RF, PINTLK, UTIL, VAC

SEPARATOR	Usage(s)	Examples
"." Dot	Assemblies, Hierarchy within names	VAC.ION_PUMP , RF104.HEATER WL137.3
"-" Hyphen	Parallel DeviceServers, fecs (?)	
"_" Underscore	word separator for Uppercase names	
" " Embedded blank	legacy name support ??	

Note: A cursory check via Instant Client of new servers shows already tremendous variations in implementation, including for example what I would regard as mixups between levels, ie Device Name should be at Device Server level, or Device/Property should be Property.Attribute.

FACILITIES and EXTENSIONS for TINE Servers	
FACILITIES	**DORIS, LINAC2, DESY2, PETRA, PEX, FLASH (now TTF, TTF2) , HASYLAB, EMBL**
	SERVICE, **[HARDWARE, LAB, LAB.TEST, LAB.VAC MKK, MSKLAB2, MSKLAB3]**
EXTENSIONS:	
FACILITY.SIM	For simulation servers matching servers in FACILITY
FACILITY.TEST	For test servers matching servers in FACILITY
FACILITY.DAEMON	(Control System internal, remote control ...?)
FACILiTY.SEDAC	

SUBSYSTEMS for TINE Servers in the Petra/Doris Accelerator Complex		
Name (short)	Name (long)	Examples
DIAG	diagnostics	
FB	feedback	
INFO	information services	
INSTR	instrumentation	
MAG	magnet power supply control	
OPR	operation	middle layer sequencer
PINTLK	personnel interlock	
RF	radio frequency	
SER	control system services	Archiver Server, Name Resolution Server
TIM	bunch timing	
TRANS	transfer	fast kickers, septa
UTIL	utilities	power, water infrastructure
VAC	vacuum	

PETRA "Locations" (preliminary)	Octantwise (like HERA) **WL108**, **OL080**, **NW133.7** (fractional meters) , **Beamlines?**