

Central Services /
Common Applications

[FEC Remote Panel]

- Required to be able to 'restart' any server it is monitoring.
 - Schemes for systematically interfacing to the corresponding watchdog server.

FEC Remote Panel:

The screenshot shows the 'Server and FEC Remote Control Panel for DESY2' window. It features a menu bar (File, View, Tools, Help) and a main area divided into several sections:

- Server List:** A table listing various servers and their associated components. The first row is highlighted:

ALARMSTATE	D2VAC.CDI	L2TIME-VXW	PIControls
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- Selected FEC Details:** A panel for the selected FEC 'D2ALMSTATE', showing details like Subsystem (SER), Version (4.05.0000), OS (UNIX), Address (131.169.154.158), and Host Computer (acclxd2globals.desy.de). It also lists 'FECs on this host' including D2STATESRV, D2GLOBALSRV, D2CASFEC, D2ALMSTATE, D2FECSTATS, and D2SPYFEC.
- Control Panel:** Buttons for 'Report', 'Attach FEC', 'Ping', 'Control', and 'Restart'. Below these, it shows status: 'Host computer: alive', 'Server: alive', and 'Daemon: alive (autoproc)'.
- Summary:** A section showing 'Servers in DESY2 for the selected subsystems' with filters for Context (DESY2) and FEC Importance (ALL).
- Selected Subsystems:** A grid of checkboxes for subsystems like DIAG, HIST, INJ, INSTR, MAG, MEX, MISC, PINTLK, RF, SER, TIM, VAC, VIDEO, WDOG, and TEST.
- OS Color Code:** A bar at the bottom showing 'Dos Unix VxWorks VMS Win16 Win32 Java'.
- Activity Log:** A section with tabs for Activity, Contracts, Clients, Alarms, Log Files, and Status. The 'Activity' tab is active, showing 'FEC Activity' and 'Server Activity' logs.

Restart requirements:
 Based on 'my' server name (FEC name)

- Systematically find 'my' watchdog daemon
- Tell daemon to restart/start 'me'.

FEC Remote Panel

Context Reports :

The screenshot displays the 'Server and FEC Remote Control Panel for DESY2' interface. The main window is divided into several sections:

- Subsystem List:** A table listing various subsystems such as ALARMSTATE, ALMSTATE, AMGEN-VXW, etc., with columns for subsystem names and their associated components.
- Report Button:** A 'Report' button is circled in red, indicating the action being performed.
- Generate Report Dialog:** A modal dialog box titled 'Generate Report' is open, displaying a question mark icon and the text: 'You are about to generate a report for 197 FECs. The report generation might take a while. Are you sure you want to do this?'. It includes 'Yes' and 'No' buttons.
- Summary Section:** A 'Summary' section at the bottom left provides details about the active servers and subsystems.
- Activity Section:** A 'FEC Activity' section at the bottom right shows a table of activity metrics, including local time, start time, and various counts.

Summary: Servers in DESY2 for the selected subsystems

Context: DESY2

FEC Importance: ALL

Selected Subsystems:

- DIAG
- MAG
- RF
- VIDEO
- HIST
- MEX
- SER
- WDOG
- INJ
- MISC
- TIM
- TEST
- INSTR
- PINTLK
- VAC

OS Color Code: Dos Unix VxWorks VMS Win16 Win32 Java

Activity Section:

FEC Activity

FEC	D2ALMSTATE
Local Time	Sun Sep 28 19:15:12
Start Time	Fri Sep 19 15:04:31
Sys Poll Rate	500
Nr Bkg Tasks	0
Nr Total Contracts	11
Nr Total Clients	6
Nr UDP Packets Received	821584
Nr TCP Packets Received	0

Server Activity

Server	ALARMSTATE
DESY2/ALARMSTATE contracts	11
DESY2/ALARMSTATE clients	2

FEC As Client

Nr Connections	24
Nr Connection Timeouts	289
Nr Connection Arrivals	2254846

FEC Remote Panel

Context Reports : DESY2

FEC	Device Server	Subsy...	Description	Hardware	Location	OS	Respons...	Version	Host Co...	Port ...	Server Pi...	ICMP Pi...	Daemon ...	Daemon ...	Daemon Error
D2ALMSTATE	ALARMSTATE	SER	DESY2 Ala...	None	Bldg 30 Room 103	UNIX	P.Duval	4.05.0000	accxd2...	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	autoproc	
D2ALMSTATE	ALMSTATE	SER	DESY2 Ala...	None	Bldg 30 Room 103	UNIX	P.Duval	4.05.0000	accxd2...	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	autoproc	Duplicate. D...
AMGENSRV	AMGEN-VXW	RF	DESY2 AM...	^VME Crat...	bldg 20 rm SER E5 (1)	VXWORKS	brede / ...	3.31	msk-vw...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	vxworks ...	
AMGPRO.ML	AMGPRO	RF	AMG Middl...	None	bldg 30 rm 103 MSK2 (6)	UNIX	U.Hurde...	4.00.0001	msk-hx1...	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		could not co...
AMGENSRV	AMGPRO-VXW	RF	DESY2 AM...	^VME Crat...	bldg 20 rm SER E5 (1)	VXWORKS	brede / ...	3.31	msk-vw...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	vxworks ...	Duplicate. D...
AMGPRO2.ML	AMGPRO2	RF	AMG Middl...	None	bldg 30 rm 103 MSK2 (6)	UNIX	U.Hurde...	4.02.0010	msk-hx1...	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		could not co...
AMGPCC	AMGPRO2-VXW	RF	DESY2 AM...	^VME Crat...	bldg 20 rm SER E6 (1)	VXWORKS	brede m...	4.03.0000	mskang...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	vxworks ...	
AMGPCC	AMGPRO2DEL-VXW	RF	DESY2 AM...	^VME Crat...	bldg 20 rm SER E6 (1)	VXWORKS	brede m...	4.03.0000	mskang...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	vxworks ...	Duplicate. D...
AMGPCC	AMGPRO2MUX-VXW	RF	DESY2 AM...	^VME Crat...	bldg 20 rm SER E6 (1)	VXWORKS	brede m...	4.03.0000	mskang...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	vxworks ...	Duplicate. D...
MSKTDS.FEC	AMGSCOPE-VI	RF	TDS F/U A...	none	bldg 20 rm SER E5 (4)	WIN32	brede m...	4.04.0000	MSK-W7...	15	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windows ...	no servers f...
D2MARCH	ARCHIVER	SER	DESY Net...	None	bldg 30 rm 103 CSR-8 (8)	UNIX	P.Duval	4.05.0000	accxcim...	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	autoproc	
d2bmssth	bmst.CDI	TIM	CDI Raw ...	unknown	bldg 30 rm 102 IE-R2 (5)	WIN32	desydev	4.04.0002	AccW7D...	32	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows ...	
ACCW7D2DI...	Bunche.DE05	DIAG	failover M...	PXI-Digitizer	bldg 20 rm SER D2 (1)	WIN32	M.Seebach	4.04.0001	ACCW7...	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windows ...	no servers f...
ACCPD2BU...	Bunche.DE17	DIAG	DESY2-Str...	PXI-Digitizer	Synchrotron-Elektronik-...	WIN32	M.Seebach	4.04.0002	AccW7D...	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windows ...	no servers f...
ACCW7D2DI...	BunchnStrom_IMA	DIAG	failover M...	PXI-Digitizer	bldg 20 rm SER D2 (1)	WIN32	M.Seebach	4.04.0001	ACCW7...	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windows ...	Duplicate. D...
D2CASFECCAS	CAS	SER	DESY2 Ce...	None	Bldg 30 Rm 103	UNIX	P.Duval	4.05.0000	accxd2...	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	autoproc	
D2CASFECCAS	CAS.ARCHIVE	SER	DESY2 Ce...	None	Bldg 30 Rm 103	UNIX	P.Duval	4.05.0000	accxd2...	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	autoproc	Duplicate. D...
d2chopperHw	Chop.CDI	TIM	CDI Raw ...	unknown	bldg 30 rm 102 IE-R2 (5)	WIN32	desydev	4.04.0002	AccW7D...	31	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows ...	
d2chopsrv	Chop.FanAnCo	TIM	Buffer fue...	sedac/cdi	bldg 30 rm 102 IE-R2 (5)	JAVA	labudda	4.5.0:5103	4.05.0000	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows ...	
d2chommm	Chop.MMM	TIM	Midelayer ...	Blenden	bldg 30 rm 102 IE-R2 (5)	JAVA	labudda	4.5.0:5103	AccW7D...	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows ...	
d2chopsrv	Chop.Par	TIM	Buffer fue...	sedac/cdi	bldg 30 rm 102 IE-R2 (5)	JAVA	labudda	4.5.0:5103	AccW7D...	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows ...	Duplicate. D...
d2chopsrv	Chop.Power	TIM	Buffer fue...	sedac/cdi	bldg 30 rm 102 IE-R2 (5)	JAVA	labudda	4.5.0:5103	AccW7D...	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows ...	Duplicate. D...
d2chopsrv	Chop.PowerState	TIM	Buffer fue...	sedac/cdi	bldg 30 rm 102 IE-R2 (5)	JAVA	labudda	4.5.0:5103	AccW7D...	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows ...	Duplicate. D...
d2chopsrv	Chop.Push	TIM	Buffer fue...	sedac/cdi	bldg 30 rm 102 IE-R2 (5)	JAVA	labudda	4.5.0:5103	AccW7D...	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows ...	Duplicate. D...
d2chopsrv	Chop.TimeStore	TIM	Buffer fue...	sedac/cdi	bldg 30 rm 102 IE-R2 (5)	JAVA	labudda	4.5.0:5103	AccW7D...	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows ...	Duplicate. D...
LTG-SRV1	ChopperTiming	TIM	Linac2 Trig...	VME Crate...	bldg 24 rm 100 R8 (1)	VXWORKS	Hurdelbr...	4.02.0000	mskitgp...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	vxworks ...	
ACCW7L2DI...	ChopperTraces	DIAG	Post-Linac...	PXI-Digitizer	bldg 24 rm 100 R1 (1)	WIN32	M.Seebach	4.04.0001	AccW7L...	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows ...	
ETG_UTZ_SRV	CNT-VXW	TIM	ETG_UTZ...	VME Crate	bldg 20 rm SER D6 (1)	VXWORKS	mkbri br...	4.04.0000	mskd2et...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	vxworks ...	
PK-SER	CNT-Energie-VXW	INJ	D2Pkingstrip	VME Crate	bldg 20 rm SER B2 (3)	VXWORKS	Hurdelbr...	4.03.0000	mskvxw...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	vxworks ...	
PK-SER	CNT-Energie2-VXW	INJ	D2Pkingstrip	VME Crate	bldg 20 rm SER B2 (3)	VXWORKS	Hurdelbr...	4.03.0000	mskvxw...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	vxworks ...	Duplicate. D...
D2SPYFEC	CSSPY	SER	Control Sy...	None	Bldg 30 Rm 103	UNIX	P.Duval	4.05.0000	accxd2...	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	autoproc	
PIAZYKSRV	CYCLER	TIM	Zyklusserv...	^VME Crat...	bldg 30 rm ER1 D6 (2)	VXWORKS	brede / ...	4.03.0008	mskvxw...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	vxworks ...	
D2.EHF	D2.EHF	RF	LINUX DES...	CRU Bus SPS	bldg 16 rm 21 (1-R)	UNIX	tamras	4.02.0007	accdxe...	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		could not co...
D2ALMSTATE	D2ALARMSTATE	SER	DESY2 Ala...	None	Bldg 30 Room 103	UNIX	P.Duval	4.05.0000	accxd2...	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	autoproc	Duplicate. D...
IEARCALM.5	D2Beam	SER	DESY-2 Mi...	None	bldg 30 rm 102 IE-R3 (3)	WIN32	lump	4.04.0001	AccW7L...	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows ...	
D2BPM.40	D2BPM.cdi	DIAG	CDI Raw ...	unknown	bldg 30 rm 102 IE-R5 (3)	WIN32	desydev	4.04.0002	AccW7D...	40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows ...	
D2BPM	D2BPMs	DIAG	Desy2 BP...	none	bldg 30 rm 102 IE-R5 (3)	JAVA	F.Wedts...	4.5.0:5103	AccW7D...	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows ...	
D2BPM	D2BPMStatus	DIAG	Desy2 BP...	none	bldg 30 rm 102 IE-R5 (3)	JAVA	F.Wedts...	4.5.0:5103	AccW7D...	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows ...	Duplicate. D...
D2MAGNETS	D2CanM1	MAG	D2 Magne...	CAN	bldg 20c rm Halle MSK-1 ...	UNIX	S.Herb	4.05.0000	accxd2...	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	autoproc	
D2MAGNETS	D2CanM2	MAG	D2 Magne...	CAN	bldg 20c rm Halle MSK-1 ...	UNIX	S.Herb	4.05.0000	accxd2...	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	autoproc	Duplicate. D...
D2CORMAG	D2CanSerC1	MAG	D2 Corr. ...	CAN	bldg 20 rm SER G9 (2)	UNIX	S.Herb	4.03.0010	accxd2s...	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	autoproc	
D2Cool1	D2Cool1.CDI	SER	CDI Raw ...	unknown	bldg 30 rm 102 IE-R3 (2)	WIN32	desydev	4.04.0002	AccW7D...	41	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows ...	
w7d2grabber.1	D2GRAB.Analogue	VIDEO	SmallGrab...	accw7d2g...	bldg 20 rm SER B3 (1)	WIN32	"S. Weis...	4.04.0002	AccW7D...	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows ...	
w7d2grabber.3	D2GRAB.Webcam	VIDEO	SmallGrab...	accw7d2g...	bldg 20 rm SER B3 (1)	WIN32	"S. Weis...	4.04.0002	AccW7D...	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows ...	

Save Close

FEC Remote Panel

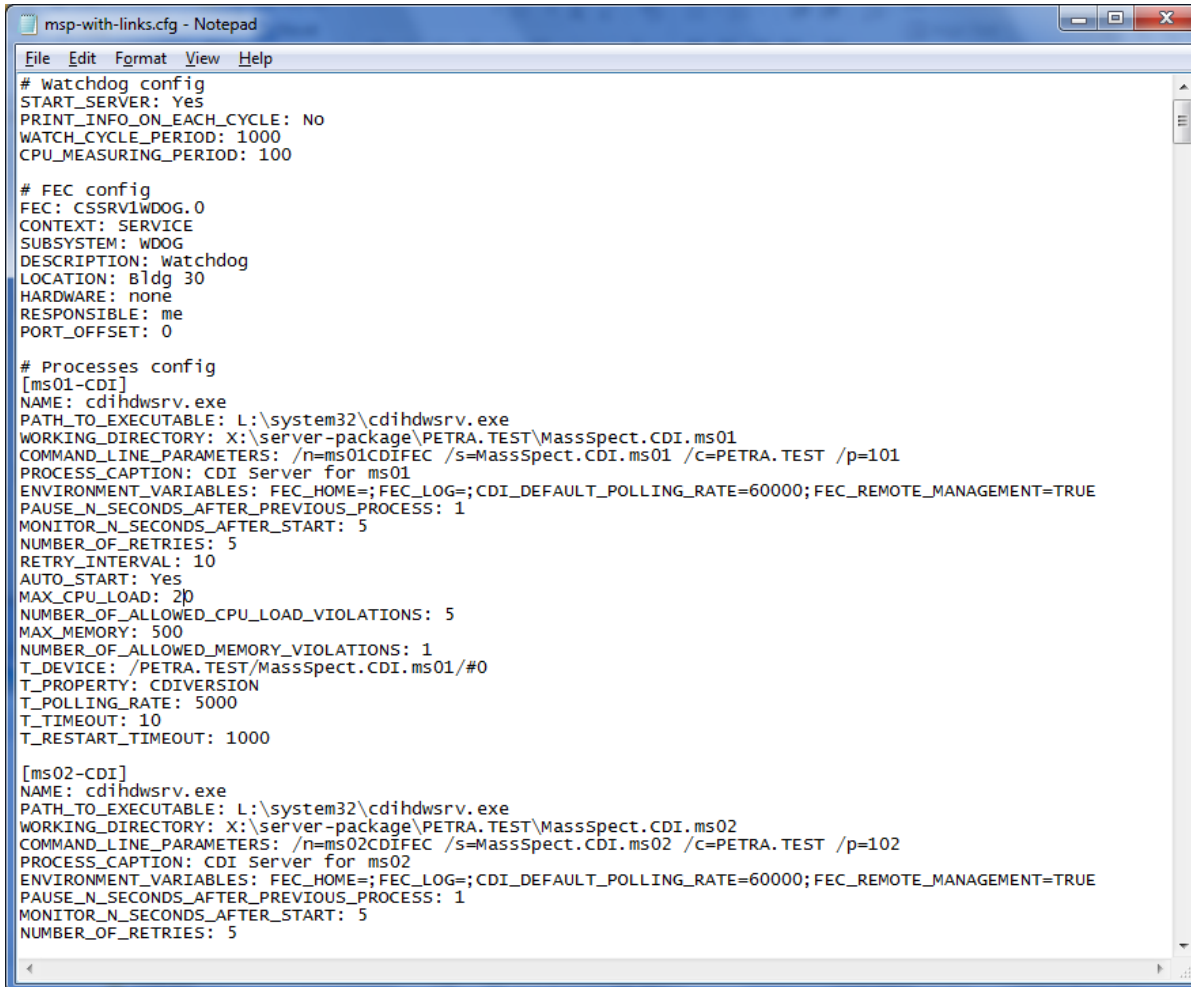
FEC Report Generator											Context Reports : Common				
FEC	Device Se...	Subsystem									Server Pi...	ICMP Ping...	Daemon ...	Daemon ...	Daemon Er...
SOUND.1	AlmSound	SER	Sound Al...	keine	bldg 30 r...	JAVA	K. Hirsch	4.5.0:5103	AccW7Cs...	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windows...	Ping failed ...
csBadger...	BadgersSet	PINTLK	Dachs Au...	Netzwerk...	bldg 30 r...	JAVA	labudda	4.4.2:5094	AccW7Cs...	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows...	
mstorbcor	BCOEFFL1	SER	optic serv...	orbcor1	bldg 30 r...	UNIX	wilgen_br...	4.03.0000	acdcxiorb...	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		could not c...
mstorbcor2	BCOEFFL2	SER	optic serv...	orbcor2	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		could not c...
acdcxiorb...	BCOEFFL3	SER	optic serv...	acdcxiorb...	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		could not c...
acdcxiorb...	BCOEFFLT	SER	optic serv...	acdcxiorb...	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
mstorbcor	CORRECL1	SER	optic serv...	orbcor1	bldg 30 r...	UNIX	wilgen_br...	4.03.0000	acdcxiorb...	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
mstorbcor2	CORRECL2	SER	optic serv...	orbcor2	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
acdcxiorb...	CORRECL3	SER	optic serv...	acdcxiorb...	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
acdcxiorb...	CORRECLT	SER	optic serv...	acdcxiorb...	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
csip	Ip.Info	MISC	Ip Status	Labudda	bldg 30 r...	JAVA	l:\server\...	4.5.0:5103	AccW7Cs...	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows...	
mstorbcor	K212K1	SER	optic serv...	orbcor1	bldg 30 r...	UNIX	wilgen_br...	4.03.0000	acdcxiorb...	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
mstorbcor2	K212K2	SER	optic serv...	orbcor2	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
acdcxiorb...	K212K3	SER	optic serv...	acdcxiorb...	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
acdcxiorb...	K212KLT	SER	optic serv...	acdcxiorb...	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
Last.0	Last	SER	Stromver...		bldg 30 r...	JAVA	F.Wedtstein	4.4.1:5084	AccW7Cs...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windows...	Ping failed ...
Last.Cdi.40	Last.cdi	DIAG	CDI Raw ...	unknown	bldg 30 r...	WIN32	comondev	4.04.0001	AccW7Cs...	40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows...	
mstorbcor	OPTICL1	SER	optic serv...	orbcor1	bldg 30 r...	UNIX	wilgen_br...	4.03.0000	acdcxiorb...	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
mstorbcor2	OPTICL2	SER	optic serv...	orbcor2	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
acdcxiorb...	OPTICL3	SER	optic serv...	acdcxiorb...	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
acdcxiorb...	OPTICLT	SER	optic serv...	acdcxiorb...	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
mstorbcor	OPTICSL1	SER	optic serv...	orbcor1	bldg 30 r...	UNIX	wilgen_br...	4.03.0000	acdcxiorb...	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
mstorbcor2	OPTICSL2	SER	optic serv...	orbcor2	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
acdcxiorb...	OPTICSL3	SER	optic serv...	acdcxiorb...	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
acdcxiorb...	OPTICSLT	SER	optic serv...	acdcxiorb...	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
mstorbcor	ORBCORL1	SER	optic serv...	orbcor1	bldg 30 r...	UNIX	wilgen_br...	4.03.0000	acdcxiorb...	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
mstorbcor2	ORBCORL2	SER	optic serv...	orbcor2	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
acdcxiorb...	ORBCORL3	SER	optic serv...	acdcxiorb...	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
acdcxiorb...	ORBCORLT	SER	optic serv...	acdcxiorb...	bldg 30 r...	UNIX	wilgen_br...	4.04.0001	acdcxiorb...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
GEN5	PIConditions	PINTLK	ENS comp...	none	bldg 30 r...	UNIX	control sy...	4.05.0000	acdcxcien...	101	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		could not c...
GEN5	PIControls	PINTLK	ENS comp...	none	bldg 30 r...	UNIX	control sy...	4.05.0000	acdcxcien...	101	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
piInfraP	PIDisplay...	PINTLK	<subvers...	HARDW-I...	bldg 30 r...	JAVA	Stefan M...	4.3.12:5...	acdcxPIBig...	821	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windows...	Ping failed ...
piCentDelIP	PIKeyBoxes	PINTLK	<subvers...	HARDW-I...	bldg 30 r...	JAVA	"Stefan M...	4.3.12:5...	acdcxPICe...	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windows...	Ping failed ...
GEN5	PIPrivate...	PINTLK	ENS comp...	none	bldg 30 r...	UNIX	control sy...	4.05.0000	acdcxcien...	101	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
GEN5	PIPrivate...	PINTLK	ENS comp...	none	bldg 30 r...	UNIX	control sy...	4.05.0000	acdcxcien...	101	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Duplicate. ...
piFieldBkr...	PIPrivCmd...	PINTLK	<subvers...	HARDW-I...	bldg 30 r...	JAVA	"Stefan M...	4.3.12:5...	acdcxPIBkr...	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windows...	Ping failed ...
piDeliAud...	PIPrivCon...	PINTLK	<subvers...	HARDW-I...	bldg 30 r...	JAVA	"Stefan M...	4.3.12:5...	acdcxPIBkr...	79	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windows...	Ping failed ...
piFieldBkr...	PIPrivCon...	PINTLK	<subvers...	HARDW-I...	bldg 30 r...	JAVA	"Stefan M...	4.3.12:5...	acdcxPIBkr...	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windows...	Ping failed ...
piCentDelIP	PIPrivCtrl...	PINTLK	<subvers...	HARDW-I...	bldg 30 r...	JAVA	"Stefan M...	4.3.12:5...	acdcxPICe...	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windows...	Duplicate. ...
piDeliAud...	PIPrivSw...	PINTLK	<subvers...	HARDW-I...	bldg 30 r...	JAVA	"Stefan M...	4.3.12:5...	acdcxPIBkr...	79	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windows...	Duplicate. ...
piFieldBkr...	PIVideoS...	PINTLK	<subvers...	HARDW-I...	bldg 30 r...	JAVA	"Stefan M...	4.3.12:5...	acdcxPIBkr...	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windows...	Duplicate. ...
SedacDat...	SedacData	UTIL	Sedac Da...		bldg 30 r...	JAVA	F.Wedtstein	4.5.0:5103	AccW7Cs...	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	windows...	
WebAppCs	WebApp	SER		Ethernet	bldg 30 r...	JAVA	A. Labudda	4.5.0:5099	AccW7Cs...	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windows...	Ping failed ...
piCentral...	ZZonDO_1	PINTLK	<subvers...	HARDW-I...	bldg 30 r...	JAVA	"Stefan M...	4.3.12:5...	acdcxPICe...	25	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windows...	Ping failed ...

Save Close

[New TINE Watchdog Server]

- Assigned to COSYLAB
- Windows 32/64 bit (win7 or XP)
 - Console application (can run as service)
- Linux
 - Not yet tested.
 - Replace 'autoproc' ?

New TINE Watchdog Server



```
msp-with-links.cfg - Notepad
File Edit Format View Help
# watchdog config
START_SERVER: Yes
PRINT_INFO_ON_EACH_CYCLE: No
WATCH_CYCLE_PERIOD: 1000
CPU_MEASURING_PERIOD: 100

# FEC config
FEC: CSSRV1WD0G.0
CONTEXT: SERVICE
SUBSYSTEM: WDOG
DESCRIPTION: watchdog
LOCATION: Bldg 30
HARDWARE: none
RESPONSIBLE: me
PORT_OFFSET: 0

# Processes config
[ms01-CDI]
NAME: cdihdwsrv.exe
PATH_TO_EXECUTABLE: L:\system32\cdihdwsrv.exe
WORKING_DIRECTORY: X:\server-package\PETRA.TEST\MassSpect.CDI.ms01
COMMAND_LINE_PARAMETERS: /n=ms01CDIFEC /s=MassSpect.CDI.ms01 /c=PETRA.TEST /p=101
PROCESS_CAPTION: CDI server for ms01
ENVIRONMENT_VARIABLES: FEC_HOME=;FEC_LOG=;CDI_DEFAULT_POLLING_RATE=60000;FEC_REMOTE_MANAGEMENT=TRUE
PAUSE_N_SECONDS_AFTER_PREVIOUS_PROCESS: 1
MONITOR_N_SECONDS_AFTER_START: 5
NUMBER_OF_RETRIES: 5
RETRY_INTERVAL: 10
AUTO_START: Yes
MAX_CPU_LOAD: 20
NUMBER_OF_ALLOWED_CPU_LOAD_VIOLATIONS: 5
MAX_MEMORY: 500
NUMBER_OF_ALLOWED_MEMORY_VIOLATIONS: 1
T_DEVICE: /PETRA.TEST/MassSpect.CDI.ms01/#0
T_PROPERTY: CDIVERSION
T_POLLING_RATE: 5000
T_TIMEOUT: 10
T_RESTART_TIMEOUT: 1000

[ms02-CDI]
NAME: cdihdwsrv.exe
PATH_TO_EXECUTABLE: L:\system32\cdihdwsrv.exe
WORKING_DIRECTORY: X:\server-package\PETRA.TEST\MassSpect.CDI.ms02
COMMAND_LINE_PARAMETERS: /n=ms02CDIFEC /s=MassSpect.CDI.ms02 /c=PETRA.TEST /p=102
PROCESS_CAPTION: CDI server for ms02
ENVIRONMENT_VARIABLES: FEC_HOME=;FEC_LOG=;CDI_DEFAULT_POLLING_RATE=60000;FEC_REMOTE_MANAGEMENT=TRUE
PAUSE_N_SECONDS_AFTER_PREVIOUS_PROCESS: 1
MONITOR_N_SECONDS_AFTER_START: 5
NUMBER_OF_RETRIES: 5
```


New TINE Watchdog Server

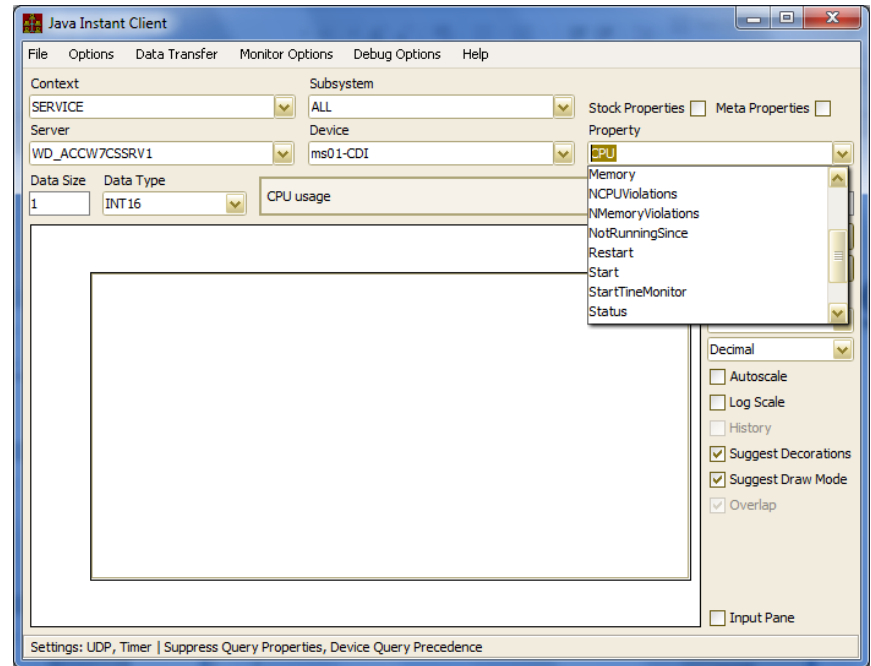
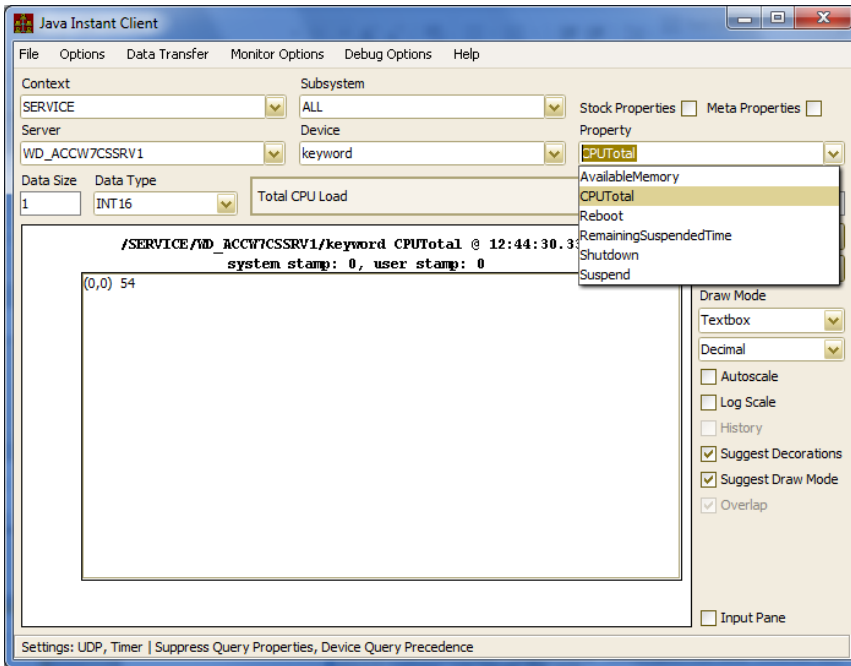
```
ca C:\Windows\system32\cmd.exe - Watchdog.exe msp.cfg
Working Directory: C:\Users\comondev\Desktop\server-package
Process caption: Data Pump Server for ms75
Preceding processes (<0>): None
Environment variables (<3>): FEC_HOME=; FEC_LOG=; FEC_REMOTE_MANAGEMENT=TR
UE;
Auto start: Yes
Monitor after: 5 seconds
Pause after previous process: 1 seconds
Number of retries: 5
Retry interval: 10 seconds
Max CPU load: 80 %
Number of allowed CPU violations: 5
Max memory consumption: 500 MB
Number of allowed memory limit violations: 1
TINE Property: N/A
-----
Process: ms76-DP
Name: mdpsrv.exe
Path: C:\Users\comondev\Desktop\server-package\mdpsrv.exe
Command line parameters: /f=ms76DPFEC /s=ms76-DP /t=ms76 /c=PETRA.TEST /
p=76
Match path: Yes
Match parameters: Yes
Working Directory: C:\Users\comondev\Desktop\server-package
Process caption: Data Pump Server for ms76
Preceding processes (<0>): None
Environment variables (<3>): FEC_HOME=; FEC_LOG=; FEC_REMOTE_MANAGEMENT=TR
UE;
Auto start: Yes
Monitor after: 5 seconds
Pause after previous process: 1 seconds
Number of retries: 5
Retry interval: 10 seconds
Max CPU load: 80 %
Number of allowed CPU violations: 5
Max memory consumption: 500 MB
Number of allowed memory limit violations: 1
TINE Property: N/A
-----
Process: ms77-DP
Name: mdpsrv.exe
Path: C:\Users\comondev\Desktop\server-package\mdpsrv.exe
Command line parameters: /f=ms77DPFEC /s=ms77-DP /t=ms77 /c=PETRA.TEST /
p=77
Match path: Yes
Match parameters: Yes
Working Directory: C:\Users\comondev\Desktop\server-package
Process caption: Data Pump Server for ms77
Preceding processes (<0>): None
Environment variables (<3>): FEC_HOME=; FEC_LOG=; FEC_REMOTE_MANAGEMENT=TR
UE;
Auto start: Yes
Monitor after: 5 seconds
Pause after previous process: 1 seconds
Number of retries: 5
Retry interval: 10 seconds
Max CPU load: 80 %
Number of allowed CPU violations: 5
Max memory consumption: 500 MB
```

New TINE Watchdog Server

```
C:\Windows\system32\cmd.exe - Watchdog.exe msp.cfg
get deadbands - displays the current access deadband list
get globals - displays the current globals list
get connections - displays the current connection list
get connection(<#>) - displays connection Nr. <#> information
get redirections - displays the current redirection list
get relinks - displays the current relink (coercion) list
get messages - displays the current system message table
get BurstLimit - displays Burst Limit in packets
set BurstLimit - sets Burst Limit to num packets input
get CycleDelay - displays Cycle Delay in msec
set CycleDelay - sets Cycle Delay to msec input
get MicroDelay - displays Cycle Micro Delay in usec
set MicroDelay - sets Cycle Micro Delay to usec input
get mcastmask - displays multicast mask settings
get time - displays local time
get offset - displays current timestamp offset
set offset - sets timestamp offset
get version - displays TINE version number
get build - displays build information for this library
get users - displays WRITE access user list
get nets - displays WRITE access net list
get admins - displays registered administrators
get stats - displays operational statistics
get settings - displays performance settings
get semaphores - displays current semaphore status
get sockets - displays sockets and their settings
get structures - displays current structure registry
get threads - displays thread priorities
get filter - displays current debug output filter string
set filter - sets debug output filter string
get filterlinks - displays assigned filter links <local history/a
larm subsystems)
set debug = 0 - turns debug printing off
set debug = 1 - sets debug level 1 (trace commands)
set debug = 2 - sets debug level 2 (trace network activity)
set debug = 3 - sets debug level 2 (trace data exchange)
set debug = 4 - sets debug level 3 (full diagnostic trace )
set logdbg = 0 - turns debug logging off
set logdbg = 1 - turns debug logging on
set almdbg = 0 - turns debug local alarm system off
set almdbg = 1 - turns debug local alarm system on
set hstdbg = 0 - turns debug local history system off
set hstdbg = 1 - turns debug local history system on
which <addr> - display address information of target (e.g. 'wh
ich ENS')
help - display this list
Extra commands:
watchdogDebug - get or set integer value
suspend()
resume()
restart()
stop()
start()
linkRestart()
linkStop()
linkStart()
```

Specific commands at the console !

New TINE Watchdog Server



Properties available in the Instant Client.
A java GUI is on its way!