### **Installation and Deployment**

### Just run Setup?

#### Windows:

- Applications stored centrally (with regular backup)
- Mirrored locally upon start
  - Start Link starts "launcher" + app command line
- Avoid Single Point of Failure
- What we've been doing so far ....

#### Client Applications can be started by anybody at any time !

🔄 links					
Eile Edit View Favorites Tools Help					
🚱 Back 👻 🕥 🕤 🏂 🔎 Search 🞼 Folders					
Address 🛅 Z:\Projects\hera\links					💌 🋃 Go
Folders	Name	Size Type	Date Modified 🔻		
	MKKStartLinks.txt     MVAStartLinks.txt     HeraStartLinks.txt     MDIStartLinks.txt     MINStartLinks.txt     MINStartLinks.txt     HeraStartLinks.with-hera-pr     MINStartLinks-with-HERA.tx     InstallLinks.bat		ument         17-Jan-08 09:08           ument         17-Jan-08 09:08           ument         17-Jan-08 09:07           ument         17-Jan-08 09:07           ument         17-Jan-08 09:07           ument         21-Mar-07 10:33           ument         01-Jun-06 19:55		
		Important [	Directories:		
		1) Launch	er		
⊞ 🛅 MatLab.legacy ⊞ 🛅 OrbitResponseMatrix ⊞ 🛅 vb		2) Links			
⊞ (m) vb3 ⊞ (m) vc++ ⊞ (m) vc++		3) Sources	s (vb, java,	c++, etc.)	
<ul> <li>B C Linac2</li> <li>B C Linac3</li> <li>B C Petra</li> <li>B C Petra</li> <li>B C PetraIII</li> </ul>					

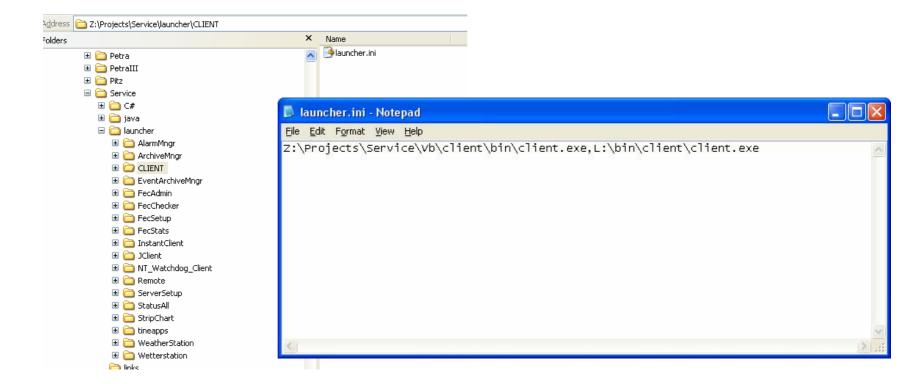
- Stored centrally
- Copied locally at startup
- Run locally

Address 🛅 Z:\Projects\Service\vb\CLIENT\bin	
Folders	× Name
🗉 🚞 Petra	CLIENT.exe
🗉 🚞 PetraIII	
🗉 🧰 Pitz	
🖃 🚞 Service	
🖽 🧰 C#	
🗉 🧰 java	Application program "Client.exe" stored at the centra
🗉 🧰 launcher 🕀 🫅 links	
🖿 🛄 miks 🗄 🚞 scripts	location "Z:\Projects\Service\vb\Client\bin"
🖬 🦲 scipes	
🗉 🦲 AlarmMngr	
🗉 🧰 AlarmTest	
🗉 🚞 AlarmViewer	
🗉 🧰 Allhist	
🕀 🧰 ArchiveMngr	
🗉 🧰 ArchiveReader	
🗉 🧰 AttachToService	
🗉 🧰 BigBrother	
⊡ 🛄 src.dev	

#### **Desktop link to "Instant Client" :**

L:\system32\launcher.exe Z:\projects\Service\launcher\client\launcher.ini L:\bin\client\client.exe

#### Launcher.ini

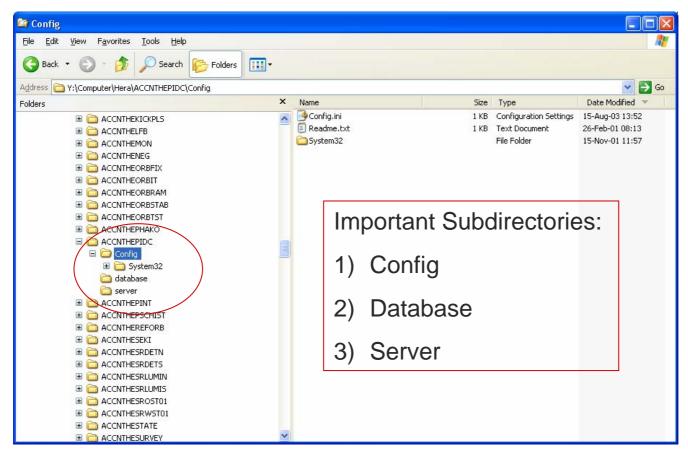


- Servers run at a single location
- Are NOT started by anybody at any time!
- Managed by the control system and the server developer !
- Do need to allow operators to re-start servers remotely (but in a systematically controlled manner)!

#### **Host Computer oriented :**

🔄 Computer					
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp					
🚱 Back 🝷 🕥 🔺 🏂 🔎 Search 🔊 Folders					
Address 🛅 Y:\Computer					💌 🄁 G
Folders	×	Name	Size	Туре	Date Modified 🔻
🗉 🛫 (S:) all on 'win.desy.de'	~	Cinac Elinac		File Folder	06-Nov-07 09:56
🗉 🚟 (W:) Disconnected Network Drive		Common		File Folder	16-Oct-07 09:05
🗉 🚟 (X:) Disconnected Network Drive		C Petra		File Folder	16-Oct-07 09:03
🖃 👮 (Y:) hera on 'mkinthera1 (HERA Netinstall Server)'		Desy		File Folder	16-Oct-07 09:03
🗉 🧰 app		🛅 Hera		File Folder	16-Oct-07 08:47
🗉 🧰 bin		TTF		File Folder	22-Jun-07 08:46
🗉 🫅 cds		🛅 Test		File Folder	06-Jul-05 10:23
🖃 🚞 Computer		Coris		File Folder	04-May-05 14:55
🖽 🧰 A0	-	(C) A0		File Folder	23-Apr-02 08:27
🗉 🫅 Common		🛅 Template-dos		File Folder	15-Jan-02 12:34
🗄 🫅 Desy	-	C TEMPLATE		File Folder	19-Nov-01 15:06
🗉 🧰 Doris		C Pitz		File Folder	08-Nov-01 13:33
🖃 🧰 Hera					
😠 🧰 acc95hetrcrffb					
🕀 🫅 acc95hetrcrfn					
🗷 🫅 acc95hetrcrfo					
🗉 🫅 acc95hetrcrfs					
🗉 🧰 acc95hetrcrfwl					
🗉 🧰 acc95hetrcrfwr					
🗉 🫅 acc95hetrcrslc					
🗉 🫅 acclxheproxy					
III 🧰 ACCNTHEBRU					
I CONTHED1					
E CONTHED3A					
E CONTHED38					
	v				

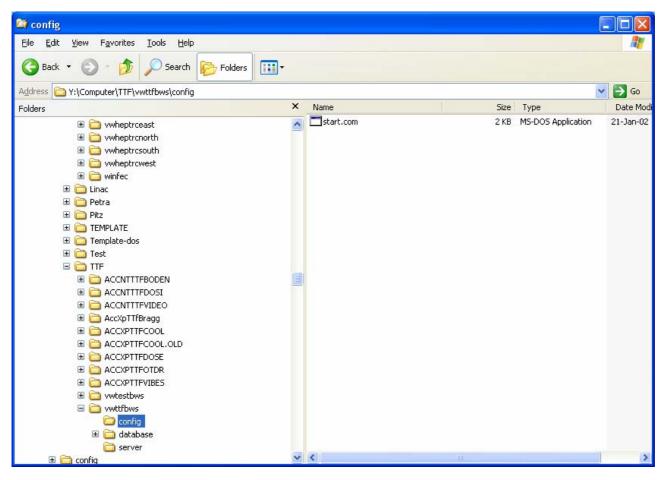
#### e.g. Windows Host :



#### Windows (config.ini) :

📕 Config.ini - Notepad	
<u>File E</u> dit F <u>o</u> rmat <u>V</u> iew <u>H</u> elp	
[Network] ; muss stimmen IP=131.169.120.69 NAME=ACCNTHEPIDC	~
[Hardware] ;Hw1=SEDPC_NT ;Hw2=SEDIP	
;[SEDPC_NT] ;SEDPC=1:278.1	
[Start] ; relativ zum bin Verzeichnis : der InstantClient wird immer gestartet, daher hier nicht einfuegen SI=IDC_Hp32.exe I1=IDC_Hp32.exe S2=wdog.exe I2=wdog.exe	
[env] ; how to ;E1=TEST ;V1=YES	
	2 .di

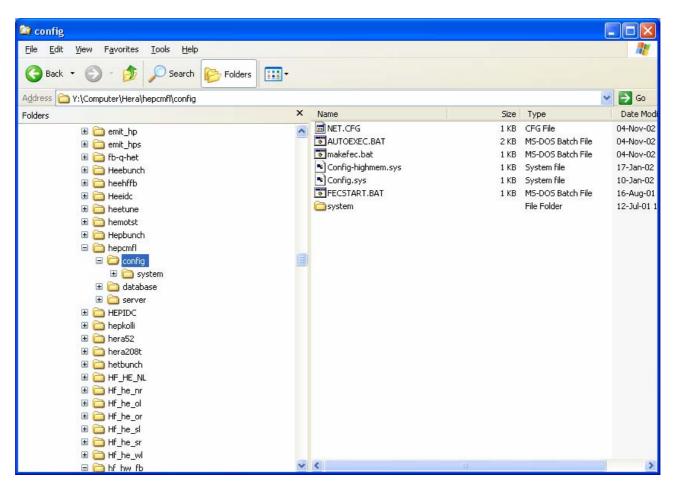
#### e.g. VxWorks Host :



#### VxWorks (start.com) :

start.com - WordPad	
le Edit Yiew Insert Format Help	
#### Startup file for wirescanner equipment module with a new electronik ####	
#### under TINE protokol. (Yu.Davydenko,19 Okt 1999) ####	
#### Version for TTF (both crates) ####	
hostådd "mkinthera1","131.169.150.220"	
nostAdd "pktrsun4", 131.169.150.205"	
nostldd "pktrsun3","131.169.150.204"	
hostAdd "pktrsun1","131.169.150.80"	
hostldd "ttfsvr2","131.169.148.62"	
hostådd "master","131.169.150.150"	
hostAdd "slave","131.169.150.151"	
hostådd "sine","131.169.150.88"	
routeAdd "0","131.169.149.16"	
loginUserAdd "pktr","R9QzydSR9R"	
loginUserAdd "fecadmin","S9eQycRzyS"	
loginUserDelete "target","bReb99RRed"	
cd "/hera/vxWorks/lib"	
ld < tineLib.o	
ld < nettime.o	
ld < vxgetUnixTime.o	
cd "/hera/computer/TTF/vwttfbws/server"	
ld < devsrv.o	
## Ignore 3 main Vxworks exeption signals: SIGBUS, SIGFPE, SIGSEGV##	
#sigignore	
## go to directory where .csv files are (accessed by rpcserver)	
cd "/database"	
taskSpawn "rdate",120,0,2000,vxgetUnixTime	
taskDelay(100)	
taskSpawn "devsrv", 100,0, 10000, devsrv	
 #### Round - robin scheduling is enabled, TimeSlice = 3 ticks or 50 ms ####	
KernelTimeSlice(3)	
r Help, press F1	

#### e.g. DOS Host :



🖣 database		
<u>File Edit View Favorites Tools Help</u>		
🚱 Back 🝷 🕥 👘 🏂 Search 🞼 Folders		
Address 🛅 Y:\Computer\Hera\ACCNTHEPIDC\database		💙 ラ Go
Folders	× Name	Size Type Date Modified 🔻
	IPNETS.CSV	1 KB Microsoft Excel Com 09-Feb-05 10:41
	Susers.csv	1 KB Microsoft Excel Com 12-Dec-01 15:47
	🔊 fecid.csv	1 KB Microsoft Excel Com 14-May-01 07:21
	TPBCAST.CSV	1 KB Microsoft Excel Com 14-Oct-98 20:21
I CONTHEORBSTAB		
E CONTHEORBIST		
표 🚞 Config		
표 🧰 database		
C server		
ACCNTHEPINT		
ACCNTHEPSCHIST		
ACCNTHEREFORB		
🗉 🚞 ACCNTHESEKI		
ACCNTHESRDETN		
ACCNTHESRDETS		
🗷 🧰 Accnthesrlumin		
🗷 🧰 ACCNTHESRLUMIS		
III 🛅 ACCNTHESROST01		
🗉 🛅 ACCNTHESRWST01		
III 🛅 ACCNTHESTATE		
E CONTHESURVEY	(78)	
E C ACCNTHETCOOL		

#### e.g. Windows Host (special file : copyfiles.ini)

🔄 server					
<u>File Edit View Favorites Tools Help</u>					<b></b>
G Back 🔹 🕥 - 🏂 🔎 Search 🔊 Folders	•				
Address  Y:\Computer\Hera\ACCNTHEPIDC\server					💌 🄁 Go
Folders	×	Name	Size	Туре	Date Modified 💌
ACCNTHEKICKPLS     ACCNTHELFB     ACCNTHENEG     ACCNTHEORBIX     ACCNTHEORBIT     ACCNTHEORBRAM     ACCNTHEORBSTAB     ACCNTHEORBSTAB     ACCNTHEPAKO     ACCNTHEPIOR     ACCNTHEPIOR     ACCNTHEPIOR     ACCNTHEPIOR      ACCNTHEPIOR      ACCNTHEPINT      ACCNTHESKI      ACCNTHESRDETS      ACCNTHESRDETS      ACCNTHESRDETS      ACCNTHESRDETS      ACCNTHESRLUMIN      ACCNTHESRLUMIN      ACCNTHESRUMINS      ACCNTHESRUMINS      ACCNTHESRUMIN      ACCNTHESRUMIN      ACCNTHESRUMIN      ACCNTHESRUMIN     ACCNTHESRUMIN      ACCNTHESRUMIN      ACCNTHESRUMIN		Copyfiles.ini watchdog.cfg	1 KB 1 KB 1 KB	Configuration Settings CFG File Microsoft Excel Com	05-Oct-04 10:56 29-5ep-03 13:10 15-Nov-01 11:07

# Server Applications e.g. Other Hosts : (e.g. VxWorks)

😂 server					
<u>File E</u> dit <u>Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp					
🔇 Back 👻 🕥 - 🎓 Search 🕞 Fold	lers 🛄 -				
Address Computer\TTF\vwttfbws\server					🖌 🛃 Go
Folders	×	Name	Size	Туре	Date Mo
🗉 🛅 winfec	~	🚾 devsrv.o	73 KB	O File	11-Jan-02
🖽 🧰 Linac					
🖽 🚞 Petra					
표 🚞 Pitz					
🖽 🚞 TEMPLATE					
🖽 🛅 Template-dos					
표 🚞 Test					
E CONTINUE ACCULTERODEN					
E CONTINUE ACCNITIFDOSI					
AccXpTTfBragg	and the second se				
ACCXPTTFCOOL ACCXPTTFCOOL.OLD					
Constant in the set of the s					
🖃 🧰 vwttfbws					
Config					
🕀 🧰 database					
표 🧰 server					
🖽 🚞 config					
🗉 🧰 daemon					
표 🚞 Database					
표 🚞 Desktops		And the second s			
🗉 🧰 DESYNT Service	~	<	100		

# What's Next ?

# Central File Repository (Steve – in 2 weeks) Java Web Start