## Installation und initial configuration of XWin32 12.x (= "XWin32 2012") for Windows7

**Remark:** Screenshots are from German version of Windows 7 and program windows may differ in some cases if you are using an English Windows system.

## **1. Program Installation**

Launch of installation package (of type "x-win120-\*sf.exe") continues after accepting security request . . .



... with start of Installation Wizard:

Z	Preparing to Install
	X-Win32 2012 Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
	Extracting: X-Win32 2012.msi
	13

Click on "Next" button launches installion procedure:



Accept license agreement, . . .



... complete customer information ...

X-Win32 2012 - InstallShield Wizard			×
Customer Information			
Please enter your information.			
User Name:			
Lieschen Müller			
Organization:			
[GWDG]			
Install this application for:	computer (all users) -Benutzer)	¢]	
istallShield			

... and accept destination folder:

岗 X-Win32	2012 - InstallShield Wizar	d		×
Destinat	ion Folder			
Click Ne:	xt to install to this folder, or	click Change to install	to a different folder.	
P	Install X-Win32 2012 to:			
0	C:\Program Files\StarNet\	X-Win32 2012\	1	Change
InstallShield				
		< Back	Next>	Cancel

Now choose setup type "complete" . . .



... and you are ready to run the installation:

送 X-Win32 2012 - InstallShield Wiza	rd	×
Ready to Install the Program		
The wizard is rea <mark>dy t</mark> o begin installa	ation.	
Click Install to begin the installation	с.	
If you want to review or change an exit the wizard.	ny of your installation setting	gs <mark>, cl</mark> ick Back. Click Cancel to
InstallShield		
	< Back	Install Cancel

Installation will be done in a minute . . .

	A WINDE EVIE			And and a
The prog	ram features you selected a	re being installed.		
	Please wait while the Insta take several minutes.	llShield Wizard install	s X-Win32 2012. Th	nis may
	<b>C</b> 1-1			
	Status:			
				4
			2	
stallShield				

. . . and must be finished by "Finish" button:



First launch of XWin32 is best done by start menue:

🏉 Internet Explorer		
🙀 Minianwendungsgalerie		
Mozilla Firefox		
👩 Standardprogramme		
Windows DVD Maker	Ubohrer	
🧐 Windows Media Center	Dokumente	1
🝳 Windows Media Player	Dokumente	
Windows Update	Bilder	
Windows-Fax und -Scan		
XPS-Viewer	Musik	
Autostart		
Microsoft Silverlight	Computer	
Sophos		
Ju Spiele	Systemsteuerung	
WinSCD	A	
X-Win2CP	Gerate und Drucker	
X-Win52 2012	Standardprogramme	
X-Win32 2012		
📙 Zubehōr 🖳	Hilfe und Support	
1 Zurück		
Programme/Dateien durchsuchen	D Herunterfahren D	

After banner is displayed . . .



... two Windows firewall requests had to be accepted:





Now you are asked for your license key. Please put in your license key by cut&paste ...

🖞 Licer	ise Activation
Activat	ion Key 🔻
Key:	12345678-12345678
	Ş
	OK Cancel Help
	Concer Incp

... and click on OK button results in successfull activation:

Licen	sing 😼 💽
1	The activation succeeded.
	A license file was created.
	Close

## 2. Creation of your first Connection Profile

If XWin32 is running as described above you can start context menue of XWin32 with right mouse click at the small XWin32 symbol of system tray (this is the area closed to your windows clock). Now you are able to start configuration editor X-Config:



[Remark: If case XWin32 is not launched you can start "X-Config" from start menu within folder "XWin32".]

First item of configuration editor is connections with folder "My Connections":

🕼 Connections 🛛 🦳 Fenster 🔛 Netzwerk 🏻 🦃 Eingab	e 🛛 🔓 Schriftal 🖣
My Connections	New Connection
1770. 18	Manuell
	Assistent
	Bearbeiten
	Entfernen
	Tastenkürzel
	Kennwörter
	Add Folder
	Starten
Sonstiges	2
🔽 Display On Startup	
Exit when all connections have closed	
	Standardwerte

If "My Connections" is highlighted choose "manually" on the rigth side. In the next window connection method should be "**ssh**" to get an encrypted connections and continue.

Verbindungsmethode	8
ease select the method by which you want to connect.	
Verbindungsmethode	
X LIVE	
XDMCP	
More	
Weiter	Abbrechen
Weiter	

Your first connection profile should be for connection to login host of GWDG. Password field can be used if your PC is a tower or desktop computer and you are using a strong password authentication to login. Please consider saving password of a connection profile enables automatic connection to our compute server using your account. This is a nice feature but a security risk if your PC is stolen. Thats why it is not a good idea to save password in use of a notebook or another mobile device. Even if it is encrypted stored.

Allgemein Erw	eitert	
Connection Name:	Login be	ei der GWDG
Host:	login.gv	/dg.de
Anmeldung:	Imuelle8	
Befehl:	79.090	
Kennwort:		***
Kennwort bestätig	en:	•••

Now test your profile and you will see one-time the follow window:



If you accept this key for your host key database you will never ask in future in any connections to **this** host (Remark: for a ssh program "login", "login.gwdg.de", "gwdu05", "gwdu05.gwdg.de" are 4 different hosts and you will be asked for each of them). BTW: If the offered host key differs from saved one in future you will get a warning message. In this case ask GWDG if we changed the host key. If we did not changed it a host in your network uses our host name. Please contact us immediately!

After accepting the host key connection starts and if password was not saved you will be asked for it:



If you got a terminal window from login.gwdg.de (= gwdu05.gwdg.de) similar like this ...



... click on "Save" in connection profile window. Now your first connection profile is ready to use. ©

Window name ("gwdu05" by default) just as font type, color, font size etc. are simply to configure if your connection command ("/gwdg/bin/gwdterm" of example above) is appropriate modified. In the following command-line another font (-fn 9x15bold) and another window name ist defined: /gwdg/bin/gwdterm\_-fn\_9x15bold\_-name\_kmuster@login

Please don't forget blanks (yellow highlighted in this example) between the parameters. Window name is arbitrary but cannot contain blanks because blank is a field separator for Linux/UNIX command-line! The string kmuster@login looking like an email address is the UNIX standard for user "kmuster" at host "login" and corresponds to an email address "kmuster@gwdg.de" to read as user "kmuster" of mail server "gwdg.de".

More detailed information you will find here: <u>http://www.gwdg.de/index.php?id=1318</u> (please scroll down to the table).

The fifth button on the right side of configuration editor allows to create an short cut of the current highlighted connection:

🖓 Connections 📑 Fenster 🖳 Netzwerk 😽 Eingabe	Schriftar 4
My Connections Autostart	New Connection
	Assistent
	Bearbeiten
13	Entfernen
	Tastenkürzel
	Kennwörter
	Add Folder
	Starten
Sonstiges       Image: Display On Startup       Image: Display On Startup	
	-
	Standardwerte

## **3. Creation of further Connection Profiles**

Right mouse click of a highlighted connection in configuration editor opens several menu items to edit, delete, rename, or clone profil ("Clone Connection"):



"Clone Connection" asks you for your connection type and must be answered with ssh:

/erbindungsmethode	
Ssh XDMCP More	6

"Continue" button induce the known "New Connection" window using your old field contents.

Allgemein	Erweitert		
Connection	Name:	Login bei der GWDG	
Host:		login.gwdg.de	
Anmeldung:		Imuelle8	
Bef <mark>e</mark> hl:			
Kennwort:		•••••	
(ennwort b	estätigen:	•••••	
Kennwo	rt freigeben		
	a bias		

You can change these contents e.g. to connect to gwdu60 as follows ...

	Erweitert	
Connection N	lame:	lmuelle8@gwdu60
Host:		gwdu60.gwdg.de
Anmeldung:		Imuelle8
Bef <mark>e</mark> hl:		/usr/local/bin/xterm -ls -sb -fn 9x15bold - name Imuelle8@gwdu60 -sl 20000
Kennwort:		•••••
Kennwort: Kennwort bei	stätigen:	•••••
Kennwort: Kennwort be:	stätigen; t freigeben	•••••

... and use "test" button to test this profile.

**Remark:** Please rename "Connection Name" **before** you save it! Otherwise your first profile will be overwritten!

After "Save" you will see both profiles in configuration editor:

Connections	Fenster Netzwerk	😽 Eingabe 🛛 🔀 Schriftal 4
🔺 📙 My Con	nections	New Connection
Auto	start n bei der GWDG	Manuell
Ma Imuelle8@gwdu60		Assistent
		Bearbeiten
		Entfernen
		Tastenkürzel
		Kennwörter
		Add Folder
		Starten
Sonstiges	artup	
	connections have closed	
		Standardwerte

If you move (or copy) your connection profile into folder "Autostart", this profile is automatically used by start of XWin32. If a short cut of XWin32 by itself is placed in autostart folder of Windows your XWin32 connection will be done after login to your PC automatically if password of profile is saved too. But be carefull with this option and be sure that network connection in generally is available in time during start of XWin32.

Further information you will find at: <u>http://www.gwdg.de/index.php?id=1320</u>.