My First WireLess Deployer Package

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1 Objective

We are going to create a Package to install and run IpView.exe on a PDA.

2 Creating a package with Packet Express

Copy IpView.exe in:

C:\Program Files\WireLessDeployer\MyFiles



Launch:

Start Menu \backslash Programs \backslash WireLess Deployer \backslash Packet Express \backslash Packet Express

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<u>File E</u> dit Tools <u>V</u> iew	<u>H</u> elp	
D 🖻 🖬 X 🖻		
Package Descriptor	File List Install Actions	
_ Identifier		
ld	MylpView	
Version		
Туре	Application	
Persistent	Yes	
Information		
Name	IP VIEW	
Description	ELIB-VIEW	
Model	MC9090	
Platform	Windows CE 5.0	
Vendor	Mi paquete personal	
Ready		CAP NUM

Complete the requested information in the "Package Descriptor" tab. The "Id" is the name that will be used for the package in the PDA, the folder, the zip file, etc.

or File List In:

Go to the File List tab to add required files.

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Package Descriptor File List Install Actions	
PDA Mew Folder	

Add a folder to copy files in Flash (persistent) memory by clicking on the new folder icon. This will be the destination folder on the PDA.

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Package Descriptor File List Install Actions
PDA Application

Change the folder name to match the name of the persistent storage folder on your PDA. This would be Application on Symbol/Motorola devices.

The folder's name can be changed by pressing F2.

Add the executable (application) file:



Click on the folder icon and look for the required file.

(We have already copied it to C:\Program Files\WireLessDeployer\MyFiles).



Click on [Open] so the file is added to the folder on the PDA.

Set the inserted file as executable for it to be shown on the WDp Launcher.



Select the file, then click on [Set as Start Exe].

Save the package:

Save As					? ×
Save jn:	🔁 MyFiles		•	+ 🗈 💣 🎟	
Desktop					
My Documents					
My Computer					
Mu Network P	File <u>n</u> ame:	IpView.pkgproj		•	<u>S</u> ave
my nework r	Save as <u>t</u> ype:	PacketExpress Files(*.pkgpro	oj)	•	Cancel

Click on [Save As...] in the [File] menu to save your project (.pkgproj file), then close Packet Express.

3 Adding the new package to WireLess Deployer

We are going to look for our Package to add it to WireLess Deployer.

Open this folder:

C:\Program Files\WireLessDeployer\tools\PE\Pkg

find your Package:



The folder is named after the ID you used for your package in Packet Express and it contains the required files.

In order to integrate the package into WireLess Deployer you need to create a zip file with it:

🛐 C:\Program Files\WireLessDeployer\tools\	PE\P	kg			<u>- 0 ×</u>
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp					11
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Address 🔁 C:\Program Files\WireLessDeployer\tool	s\PE\	Pkg		•	∂Go
Folders	×	Name 🛆	Size	Туре	Mc
📄 💼 🛄 WireLessDeployer	-	Disk MylpView-1-0-0		File Folder	23
🗄 💼 🔂 Clients		🔍 MylpView-1-0-0.zip	14 KB	WinZip File	23
Collections					
Cia Log080423					
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	Þ	•			•
1 object(s) selected			13,5 KB	🖳 My Computer	11.

Then copy the file (CTRL-C) and paste it (CTRL-V) into:

C:\Program Files\WireLessDeployer\New

🔯 C:\Program Files\WireLessDeployer\Nev	v				- D ×
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp					
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WinZip 	-	🧐 MylpView-1-0-0.zip	14 KB	WinZip File	23/(
1 object(s) selected		<u>.</u>	13,5 KB	Ry Compute	ار ارا ا

So the WireLess Deployer console will find the package and add it automatically.

Launch the WireLess Deployer Console

This window will pop-up:



Click on $\ensuremath{\tt Yes}\ensuremath{\tt]}$ so the new package is integrated into WireLess Deployer

4 Setting the package to be installed on the PDA

The package must be listed in a **collection** for it to be installed on a PDA.

The collection links the package to a set of PDA according to a group of downloading conditions you must to define.

Create a new collection:

Collection				- 🗆 🗵
□ •	Collection ID Name Description	MC9090_TEST Y Z	Delete	New
 Image: MC9090_TEST Image: mc9090cce5 Image: mc9090cces Image: mc9000cces Image: mc9000cce	Formula List			· · · · · · · · · · · · · · · · · · ·

Set a name for the collection:



The new (empty) collection is added to the collection list:

Collection	
Collections (11) Autoliv CK30	Collection II IPViewCE5 Delete New Name Y Description Z Formula List Package List Install List Uninstall List
	Edit Apply Cancel Package Details

Click on [Edit] to add packages and downloading conditions.

Add the package to the Collection:

Collection	
Collections (11) Autoliv CK30 CK30 Collections IpViewCE5 Collections Collections Collections Collections CK30 Collections Collections CK30 Collections Collecti	Collection ID IpViewCE5 Delete New Name ipv ipv Description ipv
Add a Package to Collection Calc - Ver: 1-0-0 CalcM3 - Ver: 1-0-0 CLEAN9090 - Ver: 1-0-0 excel - Ver: 1-0-0 MVIPView - Ver: 1-0-0 MVIPView - Ver: 1-0-0 SAM28DSWT - Ver: 1-0-0 testCK30 - Ver: 1-0-0 Wdp - Ver: 1-2-3 Wfbce50cfg - Ver: 6-1-6 Package ID MVIPView File List Install.lstdnl Description EI IP-VIEW File List Install.lstdnl Description KM0del MC9090 Vendor My Personal Package Add Ca	ist ist </td
	Edit Apply Cancel Package Details

Click on [+] next to the Package List.

Select your package from the available packages list. Package data will be shown below. Click on [Add] to add the package to the list. Add downloading conditions:

Collection			_ _ _ _ _
Collections (11)	Collection ID Name Description	lpViewCE5	Delete New
 MC9090_TEST mc9090ce5 nocalendar dols tools toolsM3 			· × ď
Add Fo	rmula ember kd latform ormula	Operator Value	
		Cance	
	Edit	Apply Cancel	Package Details

Click on [+] next to the Formula List

Select a Field to be used as criteria.

Select an operator.

Enter a Value. In the example we use $\tt WINCE5$ so the package is loaded on devices using Windows CE 5.0.

Add Formula			ļ	×
Member Field Platform	Operator	Value WINCE50	_	
- Formula	Add	2	Clear	
(Platform == WINCE50)				
ОК			Cancel	

Click on [Add] to complete the formula, then [Ok] to validate it.

Apply the changes to the collection.

Edit Apply Cancel	Package Details

Click on $[{\tt Apply}]$ to save the changes you made to the collection.

5 Updating the PDA

Now the package is ready for any WinCE5 PDA to load it. In order to do that, the PDA must be updated.

This can be performed form the WireLess Deployer Console or from the PDA itself.

On the PDA we have already installed the WireLess Deployer Client with the Launcher.

We don't have any listed applications on the Launcher yet:

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Click on the [Admin] tab to access the Update option.

🧊 Applications 🔋 Admin			
Client -	running	[soft	ogo]
Unit — IP: MAC: UID:	10.10.1(00:15:7(CZ22x2).102):14:2D:7A	I.I.E.
Conne Server Wizard	c tion : 10.10.1(: no - por	0.15:8128 t: 8128 UPE	DATE
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Click on [UPDATE] for the PDA to load any available packages for it.

0 Packag	es Uninst	alled		
✓ Getti ✓ Getti ✓ Packa ✓ Getti ☞ Packa ☞ 1 Packa ☞ 1 Packa	ng File My ng File ins ige IP VII ng File Ip age Instal ckages In :kages Ur	yIpView-1 stall.lstdnl EW View.exe led istalled ninstalled	-0-0.pc	kg
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Packages are loaded:

Click on [Close] after checking the package has been loaded and installed.

The package is now available in the Launcher window:

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IP	
IP VIEW	
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Click on [Launch] to launch the application.

The IpView program...



Click on [OK] to exit.