RELEASE NOTES

PACE Suite 5.2



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1 PACE Suite Overview

PACE Suite is an advanced and fast software packaging tool with an intuitive user interface and set of features providing (re)packaging in Windows Installer, UWP (MSIX/APPX) and various virtualized formats.

1.1 Key Advantages

- Out-of-the-box application packaging solution
- Intelligible wizards for running complex user scenarios
- High performance when generating large packages
- Per-user license valid for any number of physical and virtual machines

1.2 PACE Components

ISI GENERATOR

PACE Suite consists of the following components:

- Repackage any existing installation into Windows Installer (MSI), UWP app package (MSIX/APPX) or a virtualization format (Microsoft App-V 5.x, and VMware ThinApp).
- Auto-detection of embedded installers.
- Create a response transform
- Include the excluded files/registry back to a package
- Manage the contents of an MSI in a tree view
- Import the necessary resources
- Edit and manage Custom Actions and Device Drivers
- Integrate scripts into your package
- Use a smart and advanced MSI database editor, with formatted string autocompleting, Excel-like formula bar, row reference tracking, and more.
- Create patches (MSP) and Merge Modules (MSM)
- Manage permission settings for file system and registry
- Handle upgrades easily just let MSI Editor know which MSI you want to be upgraded at runtime.
- Publish your applications to Microsoft SCCM.
- See the estimated complexity of an app right away.
- Generate package documentation containing the details about your package and configuration.
- Undo-redo any manipulation and see the changes highlighted in the MSI tables

• Automatically record your on-screen actions into a nice-looking document with screenshots and annotations







1.3 System Requirements

Ensure that a target system contains necessary software prerequisites:

OS	Windows or Windows Server OS that supports .NET 4.7.2 (<u>https://docs.microsoft.com/en-us/dotnet/framework/get-started/system-</u> <u>requirements</u>) or higher.
	NOTE Building Universal Windows Platform app packages (MSIX/APPX) is available under Windows 10 or Windows Server 2016 and newer.
	Microsoft .NET Framework 4.7.2 (<u>https://dotnet.microsoft.com/download/dotnet-framework-runtime</u>) or higher.
Middleware	NOTE For building THINAPP packages, ensure that your system contains VMware ThinApp (5.0.0/5.0.1/5.1.0/5.1.1/5.2.0) installed.
	NOTE For publishing MSI packages to Microsoft SCCM 2007 (SP1/SP2/R1/R2) or SCCM 2012 (SP1/SP2/R2/R2 SP1) server, ensure that your system contains Microsoft Management Framework 3.0 and Windows Remote Management (WinRM) service enabled.
Privileges	Administrative privileges on the system.

1.4 Hardware Requirements

Ensure that a target system fulfils the minimum hardware conditions:

	32-bit (x86) or 64-bit (x64) processor at 2 GHz or greater							
Processor	NOTE To repackage 64-bit applications or create 64-bit App-V packages, use PACE Suite on a 64-bit Windows operating system.							
RAM	2 GB							
Hard drive free space	1 GB NOTE Additional storage is required for your projects and packages and depends on their size and quantity.							
Display	1280 x 768 resolution or higher.							





2 Release Notes

2.1 About This Release

Meet our redesigned and improved files, shortcuts and registry management in **MSI Generator** of **PACE Suite 5.2**. This new release extends the beloved user experience from the Files, Shortcuts and Registry tabs of MSI Editor to MSI Generator. Unquie design and approach make it much easier to manage project resources for both newcomers and packaging ninjas. New Tree List view and Properties windows provide the maximum information about each selected entry, brings highlighting and various filters and makes managingthese resources faster and easier.

We have of course more in store for you. In MSI Generator, we managed to boost the speed of our tool once again. We have also implemented a number of feature requests that you, your users, have been sending our way.

Reported and found bugs have been evacuated from the product. Enjoy the new PACE Suite 5.2!





2.2 New features of MSI Generator

2.2.1 New Files tab

Here are some highlights of the new Files tab:

- Enjoy a user-friendly tree list view
- Navigate faster with a single view for both included and excluded items
- Highlighting of the excluded items
- Leverage different view filters
- Enjoy improved permission management
- Add system folders
- Import files together with extracting COM information
- Easily move, rename and deleteresources

Enjoy a user-friendly tree list in the **Files** tab and find both included and excluded resources in a single view with description of each item's type, size and state. This view makes it easier to see all captured and manually added files of a folder, especially for the deep folders tree. The highlighting rules and filters helps you to navigate faaster and easily find the necessary resources. Use **Expand all** to see all files and folders that is in your project.

MENU Package Files Shortcuts\Apps Registry System resources			
Files and folder	In	cluded: 112 files (158,9	9 MB) 💙 Collapse all
Name	Туре	Size	State
B C	Folder		Changed
🖃 🔤 Program Files (x86)	Folder		Changed
🗉 🔜 💊 Mozilla Firefox	Folder		Added
🖃 🔤 Mozilla Maintenance Service	Folder		Added
🗈 🦳 logs	Folder		Added
aintenanceservice.exe	EXE	197,4 KB	Added
Uninstall.exe	EXE	87,5 KB	Added
📄 updater.ini	INI	1,2 KB	Added
🖃 🔤 ProgramData	Folder		Changed
H Microsoft	Folder		Changed
Users	Folder		Changed
😠 📄 pace	Folder		Changed
Public	Folder		Changed
Windows	Folder		Changed
🗈 🛅 appcompat	Folder		Changed
Prefetch	Folder		Changed
□ System32	Folder		Changed
E Config	Folder		Changed
SteepStudy	Folder		Changed
UserNotPresentSession.eti	ETL	320,0 KB	Changed
winevt	Folder		Changed
🖬 🔄 Temp	Folder		Changed
🕒 🔄 Temp	Folder		Changed
Add 🔺 Exclude			



Edit name, parent folder and manage permissions of the captured and manually added project files and folders using the new **Properties** dialog.

© Properties		– 🗆 X	
Ge	eneral Permissions		
Enable permission changes			
Group/SID Built-in users (BU)	Access rights Full control Modify Read and Execute	Allow Deny	
	© Properties	General Permissions	– 🗆 X
Add Remove	Name Mozilla Firefox Parent folder C:\Program Files (x86)		Browse
Propagate inheritable permissions			
		Save Cancel	



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Easily move files/folders using the context menu – just select **Move to folder** from the context menu and then choose a new destination folder from the folders tree.

me C: Program Files (x86) Mozilla Maintenance Service Mozilla Maintena	Type Folder Folder Folder Folder Folder EXE	Size	State Changed Changed Added
	Folder Folder Folder Folder		Changed Added
	Folder Folder Folder		Added
Mozilla Maintenance Service Mozilla Mainten	Folder Folder		
B logs maintepapresentice exe Uninsta Import files	Folder		
maintepancesenice eve Uninsta Import files			Added
Uninsta Import files	EXE		Added
		197,4 KB	Added
🖹 update New subfolder	EXE	87,5-KB	Added
	INI	1,2 KB	Added
ProgramData Properties F2	Folder		Changed
Users Move to folder	Folder		Changed
pace Evolution Dol	Folder		Changed
	Folder		Changed
E Windows	Folder		Changed
G _ oppennes	Folder		Changed
APPV virtualization level	Folder		Changed
B System32	Folder		Changed
	Folder		Changed
SleepStudy UserNotPresentSession.eti	Folder	200.0 KB	Changed
Userwotkresentsession.ed	Folder	320,0 KB	Changed Changed
tewhere a second	Folder		Changed
	- UIUCI		onangeu





The improved **Import files** function is rebornas a smart Wizard, which displays details of the selected files and extracts the COM information from them on-the-fly.

Import files					— 🗆	×			
		File	es Imp	ort COM					
iles									
Name	Size	Target pat	h						
config.ini	756 Bytes	C:\Progran	😰 Import file	s					
dmview.ocx	111,5 KB	C:\Progran							
hhctrl.ocx	523,5 KB	C:\Progran			~				
msdxm.ocx	5,0 KB	C:\Progran			Files	Import COM			
msscript.ocx	100,5 KB	C:\Progran			Files	Import COM			
pdfshell.dll	387,1 KB	C:\Progran	line in earth	COM					
Reader.helpcfg	862 Bytes	C:\Progran	Import	COM					
sysmon.ocx	407,0 KB	C:\Progran							
system.ini	136 Bytes	C:\Progran	File	Root	Кеу		Value name	Value	
tdc.ocx	72,0 KB	C:\Progran	dmview.ocx	HKCR	CLSID\{AEB84C83-95DC-11D0-B7FC-B61140	119C4A}\Control			
wshom.ocx	123,0 KB	C:\Progran	dmview.ocx	HKCR	CLSID\{AEB84C83-95DC-11D0-B7FC-B61140	119C4A}\InprocServer32		C:\Users\pace\Des	ktop\Sou
			dmview.ocx	HKCR	CLSID\{AEB84C83-95DC-11D0-B7FC-B61140	119C4A}\InprocServer32	ThreadingModel	Apartment	
			dmview.ocx	HKCR	CLSID\{AEB84C83-95DC-11D0-B7FC-B61140	119C4A}\MiscStatus\1		131473	
			dmview.ocx	HKCR	CLSID\{AEB84C83-95DC-11D0-B7FC-B61140	119C4A}\MiscStatus		0	
			dmview.ocx	HKCR	CLSID\{AEB84C83-95DC-11D0-B7FC-B61140	119C4A]\ProgID		DiskManagement.0	Control
			dmview.ocx	HKCR	CLSID\{AEB84C83-95DC-11D0-B7FC-B61140	119C4A}\ToolboxBitmap32		C:\Users\pace\Desk	ktop\Sou
Add 🔺 Ren	nove		dmview.ocx	HKCR	CLSID\{AEB84C83-95DC-11D0-B7FC-B61140	119C4A}\TypeLib		{AEB84C80-95DC-1	11D0-B7F
			dmview.ocx	HKCR	CLSID\{AEB84C83-95DC-11D0-B7FC-B61140	119C4A}\Version		1.0	
] Complete now without e	extracting COM in	formation	dmview.ocx	HKCR	CLSID\{AEB84C83-95DC-11D0-B7FC-B61140	119C4A}		DiskManagement.	Control
			dmview.ocx	HKCR	CLSID\{AEB84C84-95DC-11D0-B7FC-B61140	119C4A}\InprocServer32		C:\Users\pace\Desk	ktop\Sou
			dmview.ocx	HKCR	CLSID\{AEB84C84-95DC-11D0-B7FC-B61140	119C4A}		DiskManagement.F	PropertyF
			dmview.ocx	HKCR	DiskManagement.Control\CLSID			{AEB84C83-95DC-1	11D0-B7F
			4						Þ
			Import C	OM informa	tion				





Add system folders to the project by simply selecting the required ones from the list.

Add system folders	×
System folders	
Select all/none	A
C:\Program Files	
□ C:\Program Files (x86)\Common Files	
C:\Program Files\Common Files	
C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Administrative Tools	
C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Startup	
C:\ProgramData\Microsoft\Windows\Templates	
C:\Users\Default	
C:\Users\Default\Desktop	
C:\Users\Default\Documents	
C:\Users\pace\AppData\LocalLow	
C:\Users\pace\AppData\Roaming	
C:\Users\pace\AppData\Roaming\Microsoft	
C:\Users\pace\AppData\Roaming\Microsoft\Templates	
C:\Users\pace\AppData\Roaming\Microsoft\Windows	
C:\Users\pace\AppData\Roaming\Microsoft\Windows\SendTo	
C:\Users\pace\AppData\Roaming\Microsoft\Windows\Start Menu	
C:\Users\pace\AppData\Roaming\Microsoft\Windows\Start Menu\Programs	
C:\Users\pace\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup	
C:\Users\pace\Desktop	-
Add Cancel	

Finally, delete the unnecessary resources from the project. Note that deletion is available only for the excluded resources and deletes the selected resource not only from the MGP project but from





the project folder on the file system as well.

È Edit package - PKG-190430- ≡ MENU Package	I44511.mgp Files Shortcuts\Ap	ps Registr	y System resources			- □ >	
Files and folder				Includ	led: 111 files (158,8 MB)	Collapse all	
Name				Туре	Size	State	
🖃 C:				Folder		Changed	
Program Files (x86)			Folder		Changed	
🗉 🔜 🔍 Mozilla Fire	fox			Folder		Added	
🖃 📗 Mozilla Mainte	nance Service			Folder		Added	
🕀 🛄 logs				Folder		Added	
📄 maintenan	ceservice.exe			EXE	197,4 KB	Added	
Uninstall.e	xe			EXE	87,5-KB	Added	
📄 updater.ini	i de la companya de l			INI	1,2 KB	Added	
🕀 📄 ProgramData				Folder		Changed	
Users				Folder		Changed	
🕀 📄 pace				Folder		Changed	
Public				Folder	Folder Changed		
Windows				Folder		Changed	
🕀 🗋 appcompat				Folder		Changed	
Prefetch	Import files			Folder		Changed	
■ System32	New subfolder			Folder		Ghanged	
🗈 🛅 config	Properties	F2		Folder		Ghanged	
🖃 🛄 SleepStud	Move to folder			Folder		Ghanged	
User V	Include	Ins		ETL	320,0 KB	Changed	
🗉 🛅 winevt	Add to exclusion filter	ins .		Folder		Ghanged	
🕀 🛄 Temp				Folder		Changed	
	Delete	Shift+Del					
	APPV virtualization leve	2 →					
Add 🔺 Delete	2						





2.2.2 New Shortcuts\Apps -> MSI tab

Highlights:

- User-friendly tree list view
- Single view for both included and excluded items
- Highlighting of the excluded items
- Different view filters
- Adding subfolders and system folders
- Moving, renaming, deleting shortcuts

We have added this nice tree list view to the **Shortcuts\Apps -> MSI** tab as well and find both included and excluded folders and MSI shortcuts in a single view with the description of the item type, shortcut target and state. This view makes it easier to see all captured and manually added MSI shortcuts and their details. The highlighting rules and filters helps you to find the necessary resources. Use **Expand all** to see all MSI shortcuts of your project.

MENU Package Files	Shortcuts\Apps	Registry	System resourc	es			
			MSI	UWP	APPV		
SI shortcuts						Included: 2 shortc	uts 💙 Collapse :
ame					Туре	Target	State
= C:					Folder		Changed
🕀 📄 Program Files (x86)					Folder		Changed
ProgramData					Folder		Changed
Microsoft					Folder		Changed
Search					Folder		Changed
Windows					Folder		Changed
Start Menu					Folder		Changed
Programs					Folder		Changed
🍯 Firefox.Ink					Shortcut	C:\Program Files (x86)\Mozilla Firefox\firefox.exe	Added
C wfp					Folder		Changed
Windows-Defender					Folder		Changed
Users					Folder		Changed
pace					Folder		Changed
Public					Folder		Changed
🖃 📗 Desktop					Folder		Changed
🌔 Firefox.Ink					Shortcut	C:\Program Files (x86)\Mozilla Firefox\firefox.exe	Added
Windows					Folder		Changed
appcompat					Folder		Changed
Prefetch					Folder		Changed
System32					Folder		Changed
Config					Folder		Changed
SleepStudy					Folder		Changed
winevt					Folder		Changed

Edit name, installation folder, shortcut type, target and other shortcuts properties using the new **Properties** dialog. Also, you can select a new shortcut icon either from the existing project icons or



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import new one from the file.

Properties	_		X
Shortcut			
Name			
Firefox.Ink			
Target (installation) folder			
C:\ProgramData\Microsoft\Windows\Start Menu\Programs		Browse	
Details Shortcut type Advertised shortcut Regular (non-advertised) shortcut Shortcut target			
C:\Program Files (x86)\Mozilla Firefox\firefox.exe		Browse	
Arguments		Diotizeni	
Start in (WkDir)			
C:\Program Files (x86)\Mozilla Firefox		Browse	
Run			
Normal window			~
Save Cancel			





Easily move shortcuts using the context menu – just select **Move to folder** from the context menu and then choose a new destination folder from the folders tree.

Edit package	e - PKG-190430-14	44511.mgp							_		×
≡ MENU	Package	Files	Shortcuts\Apps Reg	iistry Sy:	stem resource	s					
				_	MSI	UWP	APPV				
									∇		
MSI sho	rtcuts							Included: 2 shortcut	s 🗸 Co	ollapse a	all
Name							Туре	Target	State		*
🖃 🔤 C:							Folder		Changed		
• 📄 F	Program Files (x86)						Folder		Changed		
🖃 🔤 F	ProgramData						Folder		Changed		
	Microsoft						Folder		Changed		
	Search						Folder		Changed		
	Windows						Folder		Changed		
	Start Me	enu					Folder		Changed		
	🖃 📄 Prog	grams					Folder		Changed		
	6	Firefox.Ink	_		1		Shortcut	C:\Program Files (x86)\Mozilla Firefox\firefox.exe	Added		
	🛄 wfp		Import shortcuts				Folder		Changed		
	Hindows-De	efender	New shortcut				Folder		Changed		
a	Users		New subfolder				Folder		Changed		
æ	pace		D	50			Folder		Changed		
•	Public		Properties	F2			Folder		Changed		
	Desktop		Move to folder				Folder		Changed		
	🍯 Firefox.I	Ink	Exclude	Del			Shortcut	C:\Program Files (x86)\Mozilla Firefox\firefox.exe	Added		
e 🗀 4	Windows		Add to exclusion filter	+			Folder		Changed		
•	appcompat		Delete	Shift+Del			Folder		Changed		
	Prefetch						Folder		Changed		
•	System32						Folder		Changed		
	Config						Folder		Changed		
	SleepStudy						Folder		Changed		
	🗈 🛄 winevt						Folder		Changed		-
Add 🔺	Exclude	2									



Right on the **Shortcuts\Apps** -> **MSI** tab you can add new subfolder and system folders. Note that folder editing is available only from the Files tab.

© Edit package - PKG-190430-144511.mgp							© Edit package - PKG-190430-144511.mgp						
≡ menu	Package	Files	Shortcuts\Apps	Registry	System resources	≡ MENU	Package	Files	Shortcuts\Apps	Registry	System resources		
					MSI						MSI		
MSI sho	ortcuts					MSI sho	ortcuts						
Name						Name							
= C:						🖃 C:							
•	Program Files (x86)					•	Program Files (x86)					
	ProgramData						ProgramData						
	Microsoft					=	Microsoft						
	E Search						🗄 🛄 Search						
	Windows						Windows						
	Start Me	nu				🖃 🔛 Start Menu							
	🖃 📄 Prog						🖃 📃 Pro	-					
		irefox.lnk	Import shortcuts			🚺 Firefox.ink							
	🛄 wfp		New shortcut				wfp						
	🕀 🛄 Windows-De	fender	New subfolder				H Windows [Defender					
			Properties	F2		8							
	расе		Move to folder				pace						
	Public		Exclude	Del		=	Public						
	Desktop		Add to exclusion		,		Desktop						
	🝯 Firefox.In	k					🍯 Firefox	ulnk					
	Windows		Delete	Shift+De			Windows						
	appcompat						appcompat						
	Prefetch						Prefetch						
8	System 32						shortcuts						
	Config					Shortcu							
	SleepStudy					Subfold	ler udy	ŕ					
	winevt					System	folders						
Add 🔺	Exclude					Add 🔺	Exclud	le					

Finally, delete the unnecessary MSI shortcuts from the project. Note that deletion is available only for the excluded resources and deletes the selected resource not only from the MGP project but



from the project folder on the file system as well.

1ENU Package Files	Shortcuts\Apps	Registry	System resources			
			MSI UWP	APPV		
5I shortcuts					Included: 1 shortci	ut 💙 Collapse a
me				Туре	Target	State
C:				Folder		Changed
Program Files (x86)				Folder		Changed
🖃 🦳 ProgramData				Folder		Changed
Microsoft				Folder		Changed
🗈 🛄 Search				Folder		Changed
Windows				Folder		Changed
🖃 📄 Start Menu				Folder		Changed
🖃 🛄 Programs				Folder		Changed
🍐 Firefox I		1		Shortcut	C:\Program Files (x86)\Mozilla Firefox\firefox.exe	Added
wfp	Import shortcuts			Folder		Changed
Windows Defende	New shortcut			Folder		Changed
Users	New subfolder			Folder		Changed
🗈 🛄 pace	Properties	F2		Folder		Changed
Public	Move to folder	FZ .		Folder		Changed
Desktop		la s		Folder		Changed
nk 🕹 Firefox.Ink	Include	Ins		Shortcut	C:\Program Files (x86)\Mozilla Firefox\firefox.exe	Added
Windows	Add to exclusion filte			Folder		Changed
appcompat	Delete	Shift+Del		Folder		Changed
Prefetch				Folder		Changed
⊟ System32				Folder		Changed
Config				Folder		Changed
SleepStudy				Folder		Changed
winevt				Folder		Changed



2.2.3 New Registry tab

Highlights:

- User-friendly tree list view
- Single view for both included and excluded items
- Highlighting of the excluded items
- Different view filters
- Permission management
- Adding new registry keys and values
- Moving, renaming, deleting resources

You've guesse it – we added a tree list to the **Registry** tab too! Find both included and excluded resources in a single view with the description of the item type, registry value and state. This view makes it easier to see all captured and manually added, imported registry values of a key, especially for the deep registry keys tree. The highlighting rules and filters helps you to find the necessary resources. Use **Expand all** to see all registry values that is in your project.

Registry						Included: 113 values	Collapse al
lame				Туре	Value		State
HKEY_C	CLASSES_ROOT			System hive			
	CURRENT_USER			System hive			
🖃 🔚 Sof	ftware			Key			Changed
	Glasses			Key			Changed
	Microsoft			Key			Changed
	LOCAL_MACHINE			System hive			
🖃 🔚 SO				Key			Changed
	Classes			Key			Changed
	Clients			Key			Changed
	Microsoft			Key			Changed
	Mozilla			Key			Added
	Policies			Key			Changed
	RegisteredApplic			Key			Changed
	WOW6432Node			Key			Changed
🖃 🔚 Sys				Key			Changed
	CurrentControlSe	et		Key			Changed
				System hive			
€ 🗋 .ĐE	FAULT			Key			Changed



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For the registry keys, you can edit its name, parent key, root (hive) and set permissions.

Properties		_			
General	Permissions				
Enable permission changes					
Enable permission changes					
Group/SID	Access rights		low Deny		
Built-in users (BU)	Full control				
	Read				
	Speci Properties				- 🗆 ×
			General	Permissions	
		Key			
	Sel _{Name}				
	Capabiliti	es			
	Ap an Parent key				
		RE\Clients\StartMe	nuInternet\Fir	efox-E7CF176E110C211B	Browse
	an Root				
Add Remove	HKEY_LO	CAL_MACHINE			~
Enable inheritance					
Propagate inheritable permissions to all s	ubkovs or				
Propagate initentable permissions to an si	ubkeys al				
Save					
			Save	Cancel	





For the registry values, you can edit its name, type, value, key and hive. Also, here you can find the initial registry value for those values, which were changed during the capturing.

© Properties	_		×
Value			
Name			
ApplicationIcon			
□ Set <deafault> key value</deafault>			
Туре			
String value (REG_SZ)			~
Value			
C:\Program Files (x86)\Mozilla Firefox\firefox.exe,0			
Initial value before capturing			
Key		_	
SOFTWARE\Clients\StartMenuInternet\Firefox-E7CF176E110C211B\Capab	1	Browse.	
Root			
HKEY_LOCAL_MACHINE			~
Save Cancel			

Create a new registry keys and values using the context menu. Just select a place where you want to add a new item and select the respective function. Fill-in the required fields of the **Properties**



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dialog to get a new key or value.

Properties	Properties
General Permissions	🗞 Value
Кеу	Name
Name	Set <deafault> key value</deafault>
Parent key SOFTWARE\Clients\StartMenuInternet\Firefox-E7CF176E110C211B\Capabil Browse	String value (REG_SZ)
Root	Value
HKEY_LOCAL_MACHINE Y	
	Initial value before capturing
	Кеу
	SOFTWARE\Clients\StartMenuInternet\Firefox-E7CF176E110C211B\Capabil Browse
	Root HKEY_LOCAL_MACHINE
Save Cancel	Save Cancel

Easily move registry keys/values using the context menu – just select **Move to** from the context menu and then choose a new destination key from the registry keys tree.

MENU	Package F	iles Shortcuts\Apps	Registry	System resources				
egistry						Included: 113 values	Collapse	e all
lame					Туре	Value	State	
HKEY	_CLASSES_ROOT				System hive			
HKEY	CURRENT_USER				System hive			
🖃 🔚 S	oftware				Key		Changed	
E	Glasses				Key		Changed	
•	Microsoft				Key		Changed	
🖃 🦳 HKEY	LOCAL_MACHINE				System hive			
🖃 🛄 S	OFTWARE				Key		Changed	
	Classes				Key		Changed	
	Clients				Key		Changed	
6	🗉 🔜 StartMenuInter				Key		Changed	
	🖃 📗 Firefox-E7C				Key		Added	
	🖃 🔛 Capabil	- import registry			Key		Added	
	🕀 📑 File	Export registry			Key		Added	
	🕀 🔝 Star	t			Key		Added	
	🕀 🖿 URL				Key		Added	
	🗞 App				String value	Firefox delivers safe, easy web browsing. A familiar user int	e Added	
	🗞 App		F2		String value	C:\Program Files (x86)\Mozilla Firefox\firefox.exe,0	Added	
	🗞 App	h dava ta	12		String value	Firefox	Added	
	🗄 📗 Defaulti		Del		Key		Added	
	🕀 📗 İnstallin	T.			Key		Added	
	🕀 💼 shell	Add to exclusion filter		·	Key		Added	
	🗞 (Default) Delete	Shift+Del		String value	Mozilla Firefox	Added	
	Microsoft	APPV virtualization le	vel	,	Key		Changed	
	Mozilla				Key		Added	
• C	Policies				Key		Changed	





The improved **Import registry** function parses the selected REG files and displays registry values that will be imported. You can review parsed data and remove unnecessary entries.

Import registry		- 🗆 X
Registry to import		
Key	Value name	Value
HKEY_CURRENT_USER\Software\Skype\Installer\ClickToCallOffer	ClickToCallOffer	2012.11.01
HKEY_CURRENT_USER\Software\Skype\Phone\FE_Label	FE_Label	259
HKEY_CURRENT_USER\Software\Skype\Phone\SkypePath	SkypePath	C:\Program Files ()
HKEY_LOCAL_MACHINE\SOFTWARE\Mozilla\MaintenanceService\965I	name	Mozilla Corporatic
HKEY_LOCAL_MACHINE\SOFTWARE\Mozilla\MaintenanceService\965I	issuer	DigiCert Assured I
${\sf HKEY_LOCAL_MACHINE\SOFTWARE\Mozilla\MaintenanceService\AttenanceServi$	Attempted	1
${\sf HKEY_LOCAL_MACHINE\SOFTWARE\Mozilla\MointenanceService\Test}$	Test	[ProductCode]
${\sf HKEY_CURRENT_USER\Software\Skype\Phone\UI\General\Language}$	Language	en
${\sf HKEY_CURRENT_USER\Software\Skype\Phone\UI\StatsSentVersion}$	StatsSentVersion	6.21.64.104
${\sf HKEY_CURRENT_USER\Software\Skype\Phone\UI\UDPStatsSentVersionContent StatsSentVersionContent StatsSentVersionContent StateSentVersionContent Stat$	UDPStatsSentVersion	6.21.64.104
HKEY_LOCAL_MACHINE\SOFTWARE\Mozilla\MaintenanceService\965I	prefetchProcessName	FIREFOX
HKEY_CURRENT_USER\Software\Skype\ProtectedStorage\0	0	AQAAANCMnd8Bl
HKEY_CURRENT_USER\Software\Skype\ProtectedStorage\1	1	AQAAANCMnd8Bl
Add Remove		Entries:13
	Import	Cancel

Finally, delete the unnecessary registry keys and values from the project using the context menu.

MENU Package	Files Shorto	uts\Apps Regi	stry System resources				
egistry					Included: 113 values	Collapse	e al
ame				Туре	Value	State	
HKEY_CLASSES_ROO	т			System hive			
HKEY_CURRENT_USE	R			System hive			
Software				Key		Changed	
🕀 🛄 Classes				Key		Changed	
🕀 🖿 Microsoft	Import registry			Key		Changed	
HKEY_LOCAL_MACH	Export registry			System hive			
SOFTWARE	New key			Key		Changed	
🗉 🚞 Classes	New value			Key		Changed	
Clients				Key		Changed	
🖃 🔛 StartMe	Properties	F2		Key		Changed	
🖃 🛄 Fire	Move to			Key		Added	
•	Include	Ins		Key		Added	
٠	Add to exclusion f	filter 🕨		Key		Added	
Ŧ	Delete	Shift+Del		Key		Added	
٠				Key		Added	
	APPV virtualization	n level 🕨		String value	Firefox delivers safe, easy web browsing. A familiar user inte	Added	
8	ApplicationIcon			String value	C:\Program Files (x86)\Mozilla Firefox\firefox.exe,0	Added	
8	ApplicationName			String value	Firefox	Added	
🕀 📑 C	efaulticon			Key		Added	
	nstallInfo			Key		Added	
🗉 🖿 s				Key		Added	
**	Default)			String value	Mozilla Firefox	Added	
🗉 📄 Microsoft				Key		Changed	
🗉 🔛 Mozilla				Key		Added	
Policies				Key		Changed	

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2.2.4 APPV and UWP app deletion

Delete the unnecessary UWP and APPV apps and their linked data using the context menu. Note that deletion is available only for the excluded resources.

Edit package	- PKG-190430-1	44511.mgp									- 🗆 X
	Package	Files	Shortcuts\Apps	Registry	Syste	m resources					
= MENU	New applic Include Delete	ation	+Del	Registry		Application Display name Firefox Description Firefox Executable	APPV 6)\Mozilla Firefox\firefo				Browse
						Transparent				~	Pick color
					:	Short name					
						App list logo (44x44)	Small logo (71x71)	Medium logo (150x150)	Wide logo (310x150)	Large	e logo (310x310)
						৩	<no logo=""></no>	ి 🍊	<no logo=""></no>		<no logo=""></no>
						Browse	Browse	Browse	Browse	F	Browse
Add	Delet	e				Show name on Medium logo	🗌 Wide logo 🛛 🗌 L	arge logo			





2.3 Other Improvements

2.3.1 MSI Generator

- Improved speed of building large MSI packages.
- Ability to override the MSI summary information, obtained from the profile, with the custom one.
- Fixed issue with the wrong path to the @ParentDir@ variable in the Quality Assistant.
- Cancelation of the build process responses faster.

2.3.2 MSI Editor

• Automatic integration of the missing necessary standard actions into the opened MSI package on saving.





3 Release History

- PACE Suite 5.1
- PACE Suite 5.0
- PACE Suite 4.7
- PACE Suite 4.6
- PACE Suite 4.5
- PACE Suite 4.4
- PACE Suite 4.3
- PACE Suite 4.2
- PACE Suite 4.1
- PACE Suite 4.0
- PACE Suite 3.5.5
- PACE Suite 3.5
- PACE Suite 3.4.2
- <u>PACE Suite 3.4.1</u>
- PACE Suite 3.4
- <u>PACE Suite 3.3 3.3.1</u>

