



RAYACADEMY®

Trainings & Certifications

PKG-10
Basic Software Packaging
with RayPack

•rayNET

Basic Software Packaging with RayPack



The Training "Basic Software Packaging with RayPack" imparts practical knowledge to convert traditional setups into windows installer (MSI) packages and recognize other producer MSI's. Based on the knowledge regarding the MSI technology the training consists of repackaging and adjusting existing MSI packages.

After passing the course the attendees are able to recognize conflict before the deployment and how these conflicts can be solved within the package. During the training the complex functions and actions of the packaging process are shown based on the ITIL workflow and practical examples. Therefore one is able to apply the learned very easy afterwards.

In this practical training you will learn, how developing systems, test systems and migration documentations are being prepared. Moreover you learn how to use the repackager to convert traditional setups and extent existing packages, adapt them and solve validation errors. Furthermore you will learn the handling of vendor MSI's and adjusting these MSI's via the PackTailor. Above you will use the PackBench and the process flow to learn every step within the packaging process to edit and create packages and deploy them in final stage.

Course	PKG-10 Basic Software Packaging with RayPack
Duration	4 days
Certification	On day 5
Language	English/German



Content of the training

Day 1	
Introduction and Overview	Basics of packaging
	History and meaning of Windows Installer
	Other package formats (legacy, virtual packages)
	Features and benefits of Windows Installer
	Setup of a Windows Installer installation
	Concepts and terminology RayPack tools
	Overview of the packaging process
	Position and meaning of software packaging in the application lifecycle
	Best Practices of packaging and packaging environment
Preparation for Packaging	Creating the data storage
	Defining of standard images
	Project documentation
	Copy the RayPack standalone to a network drive/installation on the repackaging VM
	Exclusion lists
	Installation of RayPack and basic approach
Practical Exercises	Setup of the environment
	Packaging of a simple application



Day 2	
Repackaging	Best Practices PackRecorder
	Using PackRecorder UI
	PackRecorder file menu
	Using PackRecorder to repackage legacy setups
	PackRecorder outputs
	Checking the repackaged setup
Testing the repackaged Setup	Executing the MSI installation
	Test guidelines
Visual Designer and Advanced View	Overview
	Setting the editor options
	General informations
	Working with application data
	Application paths
	Starting conditions
	Build options
	Validating the MSI package
Creating templates	
Practical Exercises of different Repackaging Scenarios	Repackaging an application
	Editing the RCP file
	Editing the RPP file
	Creating templates

Day 3	
Advanced Visual Designer and Advanced View topics	Search for files, registry, INI files
	Table editor, features, components
	Handling limited environments
	Sequencing
Adapting an MSI Package	Overview
	Creation and editing of the transfer
	Applying a transform
Practical Exercises of different Repackaging Scenarios	Continuation of the packaging examples

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Day 4

Updates and Upgrades	Preparation Definition of upgrade properties, major / minor and build upgrades
Testing and Best Practices	Basic tests, ICE validation, troubleshooting
User-Interface	Introduction
Practical Exercises	Practical examples of exercises: Upgrades, troubleshooting, repairing a defective package

Day 5

Review of Test Contents
Theoretical and practical Examination
Certification

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RayAcademy – The right training for every area

The modular training concept of the RayAcademy offers a variety of qualification and advanced training courses and enables both a complete qualification process and targeted specializations in the area of Application Lifecycle Management.

The academy offers regular training courses for all products and services of Raynet and its partners within the Application Lifecycle Management. Raynet also has the world's first and unique training program in the field of software management and packaging consulting.

As a service provider for learning and training units Raynet develops current scenarios and adapts them to the in-house education management of the customers.

AZAV Certified Training Partner

As an accredited institution under the law on employment promotion, Raynet meets the requirements of the accreditation and licensing regulation for employment promotion – AZAV.

Therefore, Raynet offers measures of continuing education according to the fourth section of chapter three in book three of the Social Code.

About Raynet

Raynet GmbH is a leading and innovative service and solution provider in information technology and specialized in the architecture, implementation and operation of all tasks within Application Lifecycle Management. Raynet's Headquarters is in Paderborn, Germany and has additional locations throughout the region as well as locations in the USA, Poland and the UK.

For more than 20 years, Raynet supports hundreds of customers and partners with its products and solutions for worldwide enterprise application management projects. These include license management, software packaging, software deployment, migrations, client engineering and much more. Additionally, Raynet maintains and cultivates strong partnerships with leading companies in Application Lifecycle Management.