



# ISIS Papyrus Training Guide 2024



## PAPYRUS SOFTWARE

Your expert in providing Enterprise Content Management Solutions.



## OUR LOCATION

Join Papyrus Workshops in one of our headquarters: Vienna, Dallas or Singapore.



## FLEXIBLE DATES

Simply select in the registration form what fits your requirements best.

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## Papyrus Academy Workshops awarded by ISTC

Papyrus offers you a range of solution workshops with high-quality training materials.

The British **Institute of Scientific and Technical Communicators (ISTC)** is the largest UK body representing technical writer professionals. Papyrus Academy workshops were awarded with the



[UK Technical Communication Merit Award](#) because of its well defined didactical approach and concise course guide structure.

All of our workshops are packed with lessons that will help our course participants to familiarize themselves with Papyrus Solutions and the necessary knowledge in a few days due to the modern didactical approach. Our workshop course guides are created using the Papyrus Communications and Business Process Platform.

Papyrus offers two types of workshops – classroom and virtual - where a classroom workshop is the most recommended one. Education sciences stress the importance of easy and seamless human interaction during the learning process which is very much hampered by week long virtual sessions where trainer and trainees may not even see each other. All classroom workshops can be held at one of our Competence Centers in Austria, Texas and Singapore or onsite at customer premises.

Customer-specific workshops with content tailored to your specific project and participants requirements can be provided as consultancy on request. Virtual workshops are available only on request.

In any case participants get full access to a private Papyrus Software environment for the whole workshop duration which can be prolonged after the workshop for 3 weeks to recap and redo lessons at the person's pace.

It is always possible to arrange individual dates with us. Simply select in the registration form what fits your requirements best and benefit from our flexible Papyrus Workshop offers!

Read more details about each workshop along with pricing information on our website. Please feel free to contact us with any questions or to schedule a workshop at [workshops@isis-papyrus.com](mailto:workshops@isis-papyrus.com)

PAPYRUS  ACADEMY



## Europe/Austria

**ISIS Papyrus Solutions and Competence Center**  
Papyrus Platz 1  
2345 Brunn am Gebirge/Vienna

T: +43-2236-27551  
E: workshops@isis-papyrus.com

**Contact:** Christoph Simka, Course Coordinator

## America/Southlake (Dallas), Texas

**ISIS Papyrus Solutions and Competence Center**  
301 Bank St.  
Southlake, TX 76092

T: 817-416-2345  
F: 817-416-1223  
E: workshops@isis-papyrus.com



## Asia/Singapore

**ISIS Papyrus Asia Pacific**  
9 Temasek Blvd. #29-01  
Suntec City Tower 2  
Singapore 038989

T: +65-6339-8719  
F: +65-6336-6933  
E: workshops@isis-papyrus.com

**Contact:** Janet Ng, Course Coordinator

## Excellence in hands-on workshops

We invite you to attend the Papyrus Platform workshop classes in one of the ISIS Papyrus high-tech training centers of your convenience. In a relaxed and comfortable atmosphere, we created places where you will learn best practices for the business document solutions of tomorrow – to use in your environment today.

Experienced ISIS Papyrus Professionals have been chosen to conduct our workshop classes and deliver a high-quality experience.

## Registration

**Online registration:** [www.isis-papyrus.com/workshop-registration](http://www.isis-papyrus.com/workshop-registration)  
All workshops and courses are offered in English and German.



# Workshop descriptions

## Papyrus Document Design and Formatting Workshop

Development of formatted document and statement applications with the Papyrus Designer Suite

**Participants:**

- Application developers
- Application analysts

**Prerequisites:**

- PC experience
- Script programming

**Goals:**

- Complete understanding of the Papyrus formatting capabilities
- Using examples of real documents, quickly learn to use the layout and logic functions of Papyrus Designer to build complete statement applications



**AUSTRIA (German)**

EUR 2100

February 5-9  
May 13-17  
November 4-8

**AUSTRIA (English)**

EUR 2100

January 22-26  
April 22-26  
September 9-13

**USA(English)**

USD 2400

Jan/Feb 29-2  
April 22-26  
September 16-20

**SINGAPORE (English)**

USD 2400

February 12-16  
October 14-18

## OverView AFP Designer Workshop

Development of Forms with Data Integration

**Participants:**

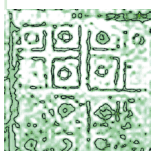
- Application developers
- Application analysts

**Prerequisites:**

- PC experience

**Goals:**

- Master the graphical design of forms (OGL) and data (PPFA)
- Develop complex form applications



**AUSTRIA (German)**

On-demand workshop dates can be arranged on request.  
Duration: 3 days

**AUSTRIA (English)**

On-demand workshop dates can be arranged on request.  
Duration: 3 days

**USA(English)**

On-demand workshop dates can be arranged on request.  
Duration: 3 days

**SINGAPORE (English)**

On-demand workshop dates can be arranged on request.  
Duration: 3 days

## Papyrus Objects System Administrator Workshop

Administration of the Papyrus Objects Platform for Papyrus WebRepository business applications

**Participants:**

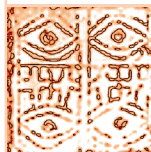
- System administrators
- Solution architects
- Project managers

**Prerequisites:**

- General understanding of IT principles and concepts
- Object-oriented modeling principles

**Goals:**

- Create applications from existing frameworks and run production
- Using Papyrus Query Language (PQL) for automating administrative tasks



**AUSTRIA (German)**

EUR 2100

Feb/Mar 26-1  
April 22-26  
August 19-23  
November 11-15

**AUSTRIA (English)**

EUR 2100

February 5-9  
March 4-8  
Sept/Oct 30-4  
November 18-22

**USA(English)**

USD 2400

March 4-8  
September 9-13

**SINGAPORE (English)**

USD 2400

April 15-19  
September 16-20

## Papyrus Objects Developer Workshop

Development of object-oriented business applications for the Papyrus WebRepository platform

**Participants:**

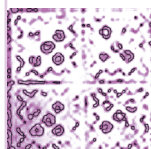
- Application developers
- Application analysts

**Prerequisites:**

- Papyrus Objects System Administrator Workshop
- Programming knowledge in object orientation
- Experience with script languages

**Goals:**

- Understanding of object-oriented modeling in Papyrus Objects
- Class and template definitions
- Master the Papyrus Query Language
- Papyrus Adapter techniques and Papyrus UI applications



**AUSTRIA (German)**

EUR 2100

March 11-15  
November 25-29

**AUSTRIA (English)**

EUR 2100

March 18-22  
October 14-18

**USA(English)**

USD 2400

May 13-17  
October 7-11

**SINGAPORE (English)**

USD 2400

Date on request

# Workshop descriptions

## Papyrus Correspondence Business Designer Workshop

Using Papyrus Business Designer for administration of Correspondence templates by business departments

**Participants:**

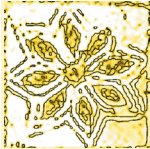
- Document Template Administrators
- Release Managers and Testers
- Clerks and Supervisors

**Prerequisites:**

- Domain-specific knowledge about business correspondence

**Goals:**

- Understand concept and usage of the Papyrus Correspondence Solution
- Learn about domain-specific role responsibilities
- Define reusable building blocks, document templates and wizards
- Utilize change management and release processes



<u>AUSTRIA (German)</u>	<u>AUSTRIA (English)</u>	<u>USA(English)</u>	<u>SINGAPORE (English)</u>
EUR 2100	EUR 2100	USD 2400	USD 2400
Jan/Feb 29-2	Jan/Feb 29-2	March 11-15	May 20-24
March 25-29	April 15-19	September 9-13	September 23-27
September 16-20	August 26-30		
December 9-13	December 9-13		

## Papyrus Correspondence Solution Workshop

Administration and customer specific customization of the Business Correspondence Solution

**Participants:**

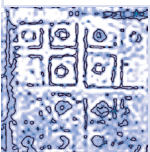
- System administrators
- Papyrus Designer developers

**Prerequisites:**

- Papyrus Objects System Administrator Workshop
- Papyrus Document Design and Formatting Workshop
- Papyrus Objects Developer Workshop (recommended)

**Goals:**

- Node architecture
- Configuration of a Papyrus Business Correspondence Solution
- Settings concept
- User Interface configuration options
- Migration of file-based DOCDEF applications into Papyrus WebRepository
- Hybrid document applications using Business Designer and Papyrus Designer
- Development of custom data reading building blocks
- Development of custom building blocks



<u>AUSTRIA (German)</u>	<u>AUSTRIA (English)</u>	<u>USA(English)</u>	<u>SINGAPORE (English)</u>
On-demand workshop dates can be arranged on request. Duration: 5 days	On-demand workshop dates can be arranged on request. Duration: 5 days	On-demand workshop dates can be arranged on request. Duration: 5 days	On-demand workshop dates can be arranged on request. Duration: 5 days

## Papyrus Postprocessing Workshop

Design of multichannel output management document applications: Bundling, document augmentations with barcodes and white space management using Papyrus Designer and DocumentPool. Papyrus WebArchive for document archiving.

**Participants:**

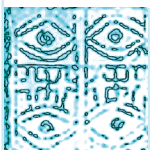
- Application developers
- Application analysts

**Prerequisites:**

- Papyrus Document Designer and Formatting Workshop
- Papyrus Objects System Administrator Workshop

**Goals:**

- Complete understanding of the Papyrus output management capabilities, document augmentations, bundling, sorting, output channel preparations and archiving.



<u>AUSTRIA (German)</u>	<u>AUSTRIA (English)</u>	<u>USA(English)</u>	<u>SINGAPORE (English)</u>
EUR 1200	EUR 1200	USD 1700	USD 1700
April 15-17	March 25-27	February 26-28	Date on request
September 23-25	October 7-9	September 23-25	

## Papyrus ADF Operations Workshop

Configuration and administration of Papyrus Automated Document Factory and Print and E-Delivery Solutions. Design of job templates with Papyrus Operations Designer. Production operation and monitoring with Papyrus Client.

**Participants:**

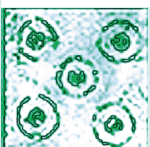
- Application administrators
- Job preparation engineers
- Production operators

**Prerequisites:**

- Papyrus Objects System Administrator Workshop

**Goals:**

- Complete understanding of the Papyrus ADF and Print and E-Delivery capabilities
- Familiarize with Papyrus Operations Designer and Papyrus Client for production operation



<u>AUSTRIA (German)</u>	<u>AUSTRIA (English)</u>	<u>USA(English)</u>	<u>SINGAPORE (English)</u>
EUR 1000	EUR 1000	USD 1500	USD 1500
April 18-19	March 28-29	Feb/Mar 29-1	Date on request
September 26-27	October 10-11	September 26-27	

# Workshop descriptions

## Papyrus Capture Business Designer Workshop

**Papyrus Capture Business Designer for business document classification and extraction definitions. Usage of Papyrus Capture Client for document scanning, manual extraction corrections and validation.**

**Participants:**

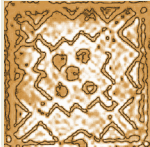
- Document managers
- Business administrators

**Prerequisites:**

- Basic knowledge of document capture

**Goals:**

- Introduction into concepts, features and principles of the Papyrus Capture Business Designer Capture and Papyrus Capture Client



**AUSTRIA (German)**

EUR 1000  
 March 21-22  
 June 13-14  
 October 10-11

**AUSTRIA (English)**

EUR 1000  
 February 15-16  
 May 16-17  
 November 14-15

**USA(English)**

USD 1500  
 Date on request

**SINGAPORE (English)**

USD 1500  
 Date on request

## Papyrus Capture Designer Workshop

**Document classification and extraction definitions with Papyrus Capture Designer**

**Participants:**

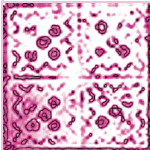
- Capture Application designers

**Prerequisites:**

- Basic knowledge of document capture
- Papyrus Objects System Administrator Workshop
- Papyrus Objects Developer Workshop (recommended)

**Goals:**

- Classification and extraction definitions with Papyrus Capture Designer



**AUSTRIA (German)**

On-demand workshop dates can be arranged on request.  
 Duration: 3 days

**AUSTRIA (English)**

On-demand workshop dates can be arranged on request.  
 Duration: 3 days

**USA(English)**

On-demand workshop dates can be arranged on request.  
 Duration: 3 days

**SINGAPORE (English)**

On-demand workshop dates can be arranged on request.  
 Duration: 3 days

## Papyrus Capture Solution Workshop

**Administration and customization of the Papyrus Capture Solution for inbound business document mail classification and extraction in Papyrus WebRepository**

**Participants:**

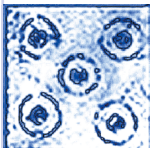
- System administrators
- Project managers
- Capture application developers

**Prerequisites:**

- Basic knowledge of document capture
- Papyrus Objects System Administrator Workshop
- Papyrus Objects Developer Workshop (recommended)

**Goals:**

- Introduction into concepts, features and workflow principles of the Papyrus Capture Solution
- Design and planning of a Papyrus Capture Solution project
- Configuration and operation of a Papyrus Capture Solution
- Usage of Papyrus Capture Client business user interfaces



**AUSTRIA (German)**

EUR 1200  
 March 18-20  
 June 10-12  
 October 7-9

**AUSTRIA (English)**

EUR 1200  
 February 12-14  
 May 13-15  
 November 11-13

**USA(English)**

USD 1700  
 Date on request

**SINGAPORE (English)**

USD 1700  
 Date on request

# Workshop descriptions

## Papyrus Adaptive Case Management Workshops

Master the Papyrus Adaptive Case Management (ACM) Solution for custom business applications

**Participants:**

- MA1 for business users
- Business analysts
  - Business administrators

MA2 for IT users

- System administrators
- Application analysts, developers

**Goals:**

MA1

- Planning and defining case templates, processes, wizards, webforms with Business Designer

**Prerequisites:**

MA1

- General knowledge about Business Application definitions

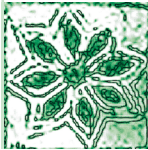
MA2

*For a holistic understanding it is recommended to follow also module 1*

- Papyrus Objects System Administrator Workshop
- Papyrus Objects Developer Workshop (recommended)

MA2

- Installation, configuration and definition of services



**AUSTRIA (German)**

On-demand workshop dates can be arranged on request.  
Duration: 3 days

**AUSTRIA (English)**

On-demand workshop dates can be arranged on request.  
Duration: 3 days

**USA(English)**

On-demand workshop dates can be arranged on request.  
Duration: 3 days

**SINGAPORE (English)**

On-demand workshop dates can be arranged on request.  
Duration: 3 days

## Papyrus Experts Workshops

Development of enhanced DOCDEF applications with Papyrus Designer and workflow applications using Papyrus WebRepository

Papyrus Experts Workshop Papyrus Designer (ME1): 2 days

Papyrus Experts Workshop Papyrus Objects (ME2): 3 days

**Participants for both modules:**

- Papyrus Designer Developers
- Papyrus Objects application developers
- Application analysts

**Prerequisites:**

ME1+2

- Papyrus Document Design and Formatting Workshop

ME2

- Papyrus Objects Developer Workshop

**Goals:**

ME1

- Using advanced Papyrus Designer/ DocEXEC features
- Tuning and debugging

ME2

- Accessing objects in Papyrus Objects from DocEXEC
- Advanced usage of the Papyrus Query Language (PQL)
- Web services with SOAP Adapter



**AUSTRIA (German)**

On-demand workshop dates can be arranged on request.  
Duration: 5 days

**AUSTRIA (English)**

On-demand workshop dates can be arranged on request.  
Duration: 5 days

**USA(English)**

On-demand workshop dates can be arranged on request.  
Duration: 5 days

**SINGAPORE (English)**

On-demand workshop dates can be arranged on request.  
Duration: 5 days

## Papyrus Certification Program

The Papyrus Certification Program offers a flexible, exam-based evaluation of essential Papyrus Platform skills in five complementary application modules

**Participants:**

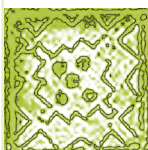
- Business partners and consultants offering services to Papyrus customers
- Papyrus customer employees working in excellence centers with the Papyrus Platform.

**Prerequisites:**

- Each module has its own set of prerequisites. See the details page.

**Goals:**

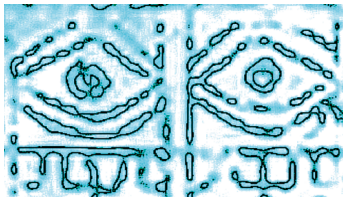
- Acquire internationally accepted recognition as Papyrus expert.
- Proof your proficiency and experience in any of the five application modules.



**AUSTRIA (German and English)**

EUR 600 / USD 800

March	22
June	21
November	29



All ISIS Papyrus courses are also offered as In-house Workshops (see page 23).

ISIS Papyrus offers optional single-room hotel accommodation for classroom courses for approximately USD 100 / EUR 90 per night. More information on available hotels can be found online:

[www.isis-papyrus.com/hotel](http://www.isis-papyrus.com/hotel)

Other services such as meals can be taken in the nearby restaurants and are not included in the course fee.

To book a classroom course, a seminar or an in-house workshop please register online:

[www.isis-papyrus.com/workshop-reg](http://www.isis-papyrus.com/workshop-reg)

For further questions, please contact us:

Phone: +43-2236-27551-0  
E-mail: [workshops@isis-papyrus.com](mailto:workshops@isis-papyrus.com)

### **AUSTRIA (German)**

**EUR 2100**

February 5-9  
May 13-17  
November 4-8

### **AUSTRIA (English)**

**EUR 2100**

January 22-26  
April 22-26  
September 9-13

### **USA (English)**

**USD 2400**

Jan/Feb 29-2  
April 22-26  
September 16-20

### **SINGAPORE (English)**

**USD 2400**

February 12-16  
October 14-18

# Papyrus Document Design and Formatting Workshop

*Development of formatted document and statement applications with the Papyrus Designer Suite*

Duration: 5 days

Time: Mo 11-17, Tu-Th 9-17, Fr 9-15

## Participants:

- Application developers
- Application Analysts

## Prerequisites:

- PC experience
- Script programming

## Goals:

- Complete understanding of the Papyrus formatting capabilities
- Using examples of real documents, quickly learn to use the layout and logic functions of Papyrus Designer to build complete statement applications

## Content:

### **AFP Basics:**

- AFPDS architecture & resource types
- Use of TrueType and Adobe fonts
- Print resources and printer management with AFP

### **Papyrus Document Designer Suite:**

- The Designer Suite: AFP Designer, Image Editor, Font Editor and FontConverter in the context of Papyrus Designer
- Design duplex printing FORMDEF and overlays with AFP Designer
- Image Editor: Import and edit graphics. Export as AFP page segments.
- Font Editor: font types (raster and outline), font resources (coded font, codepage, character set), font editing
- FontConverter: conversion of TrueType fonts into AFP fonts
- Importing and exporting a project

### **Papyrus Designer first steps:**

- Setup of the font library
- Setup of a forms and graphics library
- Using the data window for variable definitions
- Editing with the logic window
- Assigning logical pages to sheets
- Defining subroutine Document Formats (DFAs) and includes
- Test printing and generation of AFPDS and PDF files
- Viewing of AFPDS with Papyrus Client AFP Viewer

### **Migration of PPFA applications:**

- Migrating PPFA source code to DOCDEF source code

### **Text document with variables:**

- Various data formats in ASCII, EBCDIC, XML etc.
- Conditional control based on data
- Widow and orphan definitions

- Multi-language applications
- Embedding graphics and signatures
- Reading and processing XML input
- Modularization of DOCDEF source code using external Document Formats (DFAs)

### **Developing business documents and reports:**

- Processing different input records
- Variable arrays and repetitions
- Tables with controlled pagination
- Table of contents creation
- Defining a cross reference index
- Page rearrangements
- Defining bar, pie, and line charts
- N\_UP and duplex capabilities
- Defining a document AFP index
- Analyzing an AFPDS with Papyrus AFP Analyze

### **Outlook on Papyrus WebRepository and Papyrus Postprocessing/ DocumentPool:**

- Developing documents in a Correspondence Solution
- Advantages of managing resources in Papyrus WebRepository
- Additional functionality of Papyrus Designer/DocEXEC for output management



# OverView AFP Designer Workshop

Development of Forms with Data Integration

Duration: 3 days

Time: Mo 9-17, Tu-We 9-17

## Participants:

- Application developers
- Application analysts

## Prerequisites:

- PC Experience

## Goals:

- Master graphical design of the forms (OGL) and data (PPFA-mode)
- Develop complex forms application

## Content:

### AFP Introduction:

- Basics of the AFP architecture
- Overlays and Pagesegments
- PAGEDEF and FORMDEF
- Resources for printing

### Designing a print application:

- Generating a font library
- Loading existing Overlay and data applications (OGLs, PPFA)
- Placing of logos and images
- Creating Overlay building blocks
- Graphical functionalities - DRAWBOX, DRAWRULE, DRAWCIRCLE, DRAWPATH
- Clipboard functionality for text import
- Text functions, undo/redo, hotkeys
- Working with templates
- Reading and placing of linemode input data
- Graphical reading of input data as PRINTLINE and FIELD
- Placement of data on Overlays
- Conditional processing
- Definition of print jobs with PAGEFORMATs and COPYGROUPs
- Compiling OGL and PPFA sources into AFPDS resources
- PRINTLINE Overlays and Pagesegments
- N\_Up print definitions
- 2D Barcodes (Datamatrix, PDF417, Maxicode)
- True color support

### Printing functions:

- Test printing on PCL4/5 printers
- Transfer of sources and resources between PC and mainframe (Send/Receive)
- Central and decentralized printing
- Production simulation: Use Papyrus Server/PageEXEC for AFP generation from FDF/PDF generation from PPFA-application

### Font techniques:

- Font types, bitmap and outline and true type
- Font resources (coded font, codepage, character set)
- Font editing with Overview Font Editor
- Tools: resize, rescale, convert
- Shading, inverting, font kerning
- Font resolutions
- Font conversions
- Clipboard functions

### Images:

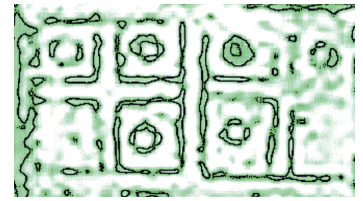
- Create and edit pagesegments with Overview Image Editor
- Importing TIFF formats
- Tools: rescale, resize, positioning text, flip, mirror, filter options
- True color TIFF support
- Image export

### Viewing of an AFPDS:

- Use the Papyrus Client for test
- Print to local PC printers
- Verify application print resources

### Forms Fill:

- Defining a FormsFill application
- Interactive forms using Papyrus Client



All ISIS Papyrus courses are also offered as In-house Workshops (see page 23).

ISIS Papyrus offers optional single-room hotel accommodation for classroom courses for approximately USD 100 / EUR 90 per night. More information on available hotels can be found online:

[www.isis-papyrus.com/hotel](http://www.isis-papyrus.com/hotel)

Other services such as meals can be taken in the nearby restaurants and are not included in the course fee.

To book a classroom course, a seminar or an in-house workshop please register online: [www.isis-papyrus.com/workshop-reg](http://www.isis-papyrus.com/workshop-reg)

For further questions, please contact us:

Phone: +43-2236-27551-0

E-mail: [workshops@isis-papyrus.com](mailto:workshops@isis-papyrus.com)

## **AUSTRIA (German)**

On-demand workshop  
Dates can be arranged on request.

## **AUSTRIA (English)**

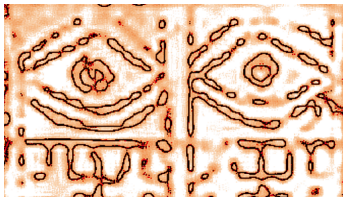
On-demand workshop  
Dates can be arranged on request.

## **USA (English)**

On-demand workshop  
Dates can be arranged on request.

## **SINGAPORE (English)**

On-demand workshop  
Dates can be arranged on request.



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For further questions, please contact us:

Phone: +43-2236-27551-0  
E-mail: [workshops@isis-papyrus.com](mailto:workshops@isis-papyrus.com)

### **AUSTRIA (German)**

**EUR 2100**

Feb/Mar 26-1  
April 22-26  
August 19-23  
November 11-15

### **AUSTRIA (English)**

**EUR 2100**

February 5-9  
March 4-8  
Sept/Oct 30-4  
November 18-22

### **USA (English)**

**USD 2400**

March 4-8  
September 9-13

### **SINGAPORE (English)**

**USD 2400**

April 15-19  
September 16-20

# Papyrus Objects System Administrator Workshop

*Administration of the Papyrus Objects Platform for Papyrus WebRepository business applications*

Duration: 5 days

Time: Mo 11-17, Tu-Th 9-17, Fr 9-15

## Participants:

- System administrators
- Solution architects
- Project managers

## Goals:

- Create applications from existing frameworks and run production
- Using Papyrus Query Language (PQL) for automating administrative tasks

## Content:

### **Basics:**

- Papyrus WebRepository administration concepts
- User authorization through Role and Policy
- Data interfaces and workflow processes
- Configuration and administration principles

### **System configuration and administration:**

- System architecture and typical solution setups

### **Project planning: system sizing and configuration**

- Installing the Domain Controller
- Installing and configuring the IPAS
- Node creation
- User creation and authorization concepts
- Role, Privilege and Policy definition
- Central settings and Settings Explorer
- Configuring frameworks by settings
- Scalability, load balancing and reliability
- Definition of backup procedures
- Configuration of proxy management
- Preparing for production
- Setup of a high-availability system
- Configuration of Papyrus WebPortal

### **System analysis and monitoring:**

- Analysis with Application and Performance Analyzer (APA)
- Configuration of the APANet Broker for inter-domain analysis
- Offline log analysis using APA
- Performance and bandwidth considerations
- Tuning of applications

## Prerequisites:

- General understanding of IT principles and concepts
- Object-oriented modeling principles

### **Papyrus data interfaces:**

- Understanding the Papyrus Adapter principles
- Configuration of the XML-Adapter
- Configuration of the File-Adapter
- Instantiation of Tasks into Queues

### **Papyrus Frameworks:**

- Understanding the use of Templates
- Understanding basic concepts: Task, Tool, Material
- Task structures in the various frameworks
- Modular framework components
- Import and export of frameworks
- Configuration of auditing

### **Change Management:**

- Versioning and variants
- The administration process

### **Workflow Management:**

- Task administration
- Setting up queues and tools
- Configuration of Adapters/Receivers
- Using Agent rule workflows
- Using Automated Document Factory (ADF) based workflows
- Customizing ADF setups

### **Papyrus Query Language (PQL):**

- Learn about PQL as query language
- Basic syntax, usage of functions
- Create your own PQL-scripts for automating of administrative tasks

### **Papyrus Desktop:**

- Usage of standard views
- Use standard plugins
- Use of Papyrus Objects online help

# Papyrus Objects Developer Workshop

Development of object-oriented business application for the Papyrus WebRepository platform

Duration: 5 days

Time: Mo 11-17, Tu-Th 9-17, Fr 9-15

## Participants:

- Application developers
- Application analysts

## Prerequisites:

- Papyrus Objects System Administrator Workshop
- Programming knowledge in object orientation
- Experience with script languages

## Goals:

- Understanding of object-oriented modeling in Papyrus Objects
- Class and template definitions
- Master the Papyrus Query Language
- Papyrus Adapter techniques and Papyrus UI applications

## Content:

### Basics about Papyrus WebRepository:

- Objects concept and architecture
- Class definition
- Version control
- Change management

### Papyrus Objects development principles:

- Class editor
- Template editor
- State machine concept
- Tool/Material concept
- Queue concept
- Scope based settings
- Compare and merge functionality

### Practical applications:

- Defining class models
- Process definitions using state machines
- Customizing tasks
- Using and configuring agents
- Method wizards

### Papyrus Depot:

- Storage of documents
- Store large amounts of data
- Relocation of objects

### Papyrus Desktop:

- Desktop functions
- Defining a session
- Creating views

### Papyrus Adapter techniques:

- Workflow definitions using ADF
- XML adapter task processing with PQL rules
- Papyrus REST Adapter
- Setup of WebServer EYE-REST as REST adapter
  - Web client: Search PDFs via JavaScript
  - Creation of RESTful service endpoints

### Papyrus Query Language (PQL):

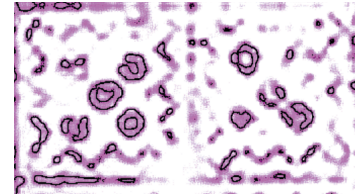
- PQL as script language
- PQL - Message objects
- Loops, conditional processing, and the handling of variables and attributes
- Data type PQL set
- Caching data in Papyrus Objects
- PQL - Methods
- Transaction handling
- Handling of binary and memory attributes

### Papyrus database indexing:

- Define indices
- Optimize search performances
- Object Space index collection

### Papyrus EYE Widgets business user interfaces:

- Introduction to Papyrus EYE Widgets
- Create an EYE Widget Workplace Switcher from existing components
- Customizing the external appearance of Papyrus EYE Widget UIs (Branding)



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E-mail: [workshops@isis-papyrus.com](mailto:workshops@isis-papyrus.com)

### **AUSTRIA (German)**

**EUR 2100**

March 11-15

November 25-29

### **AUSTRIA (English)**

**EUR 2100**

March 18-22

October 14-18

### **USA (English)**

**USD 2400**

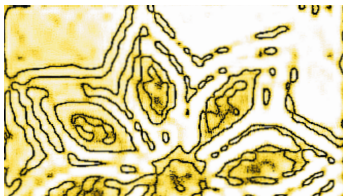
May 13-17

October 7-11

### **SINGAPORE (English)**

**USD 2400**

Date on request



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### **AUSTRIA (German)**

**EUR 2100**

Jan/Feb 29-2  
March 25-29  
September 16-20  
December 9-13

### **AUSTRIA (English)**

**EUR 2100**

Jan/Feb 29-2  
April 15-19  
August 26-30  
December 9-13

### **USA (English)**

**USD 2400**

March 11-15  
September 9-13

### **SINGAPORE (English)**

**USD 2400**

May 20-24  
September 23-27

# Papyrus Correspondence Business Designer Workshop

*Using Papyrus Business Designer for administration of Correspondence templates by business departments*

Duration: 5 days

Time: Mo 11-17, Tu-Th 9-17, Fr 9-15

## Participants:

- Document Template Administrators
- Release Managers and Testers
- Clerks and Supervisors

## Prerequisites:

- Domain-specific knowledge about business correspondence

## Goals:

- Understand concept and usage of the Papyrus Correspondence Solution
- Learn about domain-specific role responsibilities
- Define reusable building blocks, document templates and Wizards
- Utilize change management and release processes

## Content:

### **Document administration:**

- Document administration with Papyrus Business Designer
- Document template creation
  - **Layout definitions**
  - **Page numbering**
  - **Reusable building blocks**
  - **Variables**
  - **Document simulation with test data**
  - **Formatting lists, styles, tables, columns**
- Single source documents (paginated, web, email)
- Building block content and design
  - **Barcode, change layout, comparison of logic modules and natural language rules, page break, positioning adjustment**
- Disabling of building blocks
- Flexible composition of documents using Papyrus Wizards
  - **Define custom forms**
  - **Assemble Wizards from form components**
- Document data entry
  - **Interactive Wizard documents**
  - **Controlling user text input**
  - **Data upload**
  - **Fillable PDF forms**
- Output options
  - **Attachments**
  - **Inserts**
  - **Delivery options**

### **Letter writing:**

- Interactive letter writing
- Usage of predefined document templates
- Usage of Wizard for individual letter writing with predefined components
- Inter-department letter exchange with comments
- Document sign-off workflow between Clerk and Supervisor
- Personal building blocks

### **Reporting for Correspondence:**

- Reporting Clerk application
- Use standard dashboards and reports for Correspondence Framework
- Library queries about usage of building blocks and documents

### **Change and Release Management:**

- Release process templates
- Resolve dependencies between release items
- Handling of release packages
- Production hotfix release coordination
- Release testing (SIT, UAT) and document simulation with test data
- Define test data in simulation collection
- Bug tracking and resolution cycle
- Visual document compare, highlighting the differences

# Papyrus Correspondence Solution Workshop

Administration and customer specific customization of the Business Correspondence Solution

Duration: 5 days

Time: Mo 11-17, Tu-Th 9-17, Fr 9-15

## Participants:

- System administrators
- Papyrus Designer developers

## Prerequisites:

- Papyrus Objects System Administrator Workshop
- Papyrus Document Design and Formatting Workshop
- Papyrus Objects Developer Workshop (recommended)

## Goals:

- Node architecture
- Configuration of a Papyrus Business Correspondence Solution
- Settings concept
- User Interface configuration options
- Migration of file-based DOCDEF applications into Papyrus WebRepository
- Hybrid document applications using Business Designer and Papyrus Designer
- Development of custom data reading building blocks
- Development of custom building blocks

## Content:

### Papyrus Correspondence basics

- System design and node concept
- Usage of System Users (System Administrator, Security Administrator, CF Administrator, CF Developer)
- Usage of business user templates for user creation (Release Management, Template Administrators, Testers, Clerks)
- Configuration of Papyrus Business Designer users interfaces (EYE Widget and WebClient HTML interfaces)
- Integration of Business Correspondence Solution with Output Management (Automated Document Factory)
- WebServer configuration
- Settings Explorer and scoped settings
  - Correspondence-, Change Management-, Wizard-, Papyrus Client Canvas- settings
  - Definition of Tenants
  - User creation and configuration
- Business Correspondence Supervisor Workflow
- Import resources for use in Correspondence Solution
- Configuration of Reporting Solution

### Configurations of document template definitions with Business Designer:

- Configuration of accessibility and visibility of UI controls
- Create document templates from building blocks
- Administrate building block templates
- Change management process

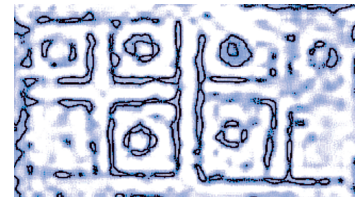
- Creation of a business organizational structure for document accessibility by business departments
- Definition of a tenant

### Options for Papyrus Client document creation by the Business User Clerk:

- Configuration of accessibility and visibility of UI controls
- Define default document languages
- Configure the business user interface language
- Letter writing using document templates

### Document development utilizing WebRepository and Business Correspondence Solution:

- Resource Collection and its advantages
- Import of resources
- Modify resources (page segments, overlays, fonts) within Resource Explorer
- Design and implementation of a new data reading routine based on settings
- Definition of a custom building block
- Define a Wizard calling service tasks
- Call wizards from external applications
- Migrate a file-based DOCDEF application to a Papyrus Objects based Solution
- Configuration of Papyrus Reporting for Business Correspondence



All ISIS Papyrus courses are also offered as In-house Workshops (see page 23).

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On-demand workshop  
Dates can be arranged on request.

### **AUSTRIA (English)**

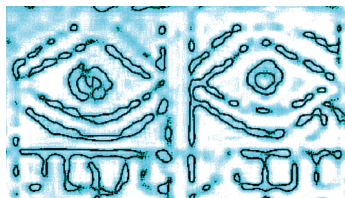
On-demand workshop  
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### **USA (English)**

On-demand workshop  
Dates can be arranged on request.

### **SINGAPORE (English)**

On-demand workshop  
Dates can be arranged on request.



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### **AUSTRIA (German)**

**EUR 1200**

April 15-17  
September 23-25

### **AUSTRIA (English)**

**EUR 1200**

March 25-2  
October 7-9

### **USA (English)**

**USD 1700**

February 26-28  
September 23-25

### **SINGAPORE (English)**

**USD 1700**

Date on request

## Papyrus Postprocessing Workshop

*Design of multichannel output management document applications: Bundling, document augmentations with barcodes and white space management using Papyrus Designer and DocumentPool. Papyrus WebArchive for document archiving.*

Duration: 3 days

Time: Mo-We 9-17

### Participants:

- Application developers
- Application analysts

### Prerequisites:

- Papyrus Document Design and Formatting Workshop
- Papyrus Objects System Administrator Workshop

### Goals:

- Complete understanding of the Papyrus output management capabilities, document augmentations, bundling, sorting, output channel preparations and archiving.

### Content:

#### **System introduction:**

- Papyrus system architecture
- Bundling options
- Distribution options

#### **Platform possibilities:**

- Papyrus DocumentPool for bundling and output channel selection using file-based pool or Papyrus WebRepository Depot
- Receiving output from back-office applications using Papyrus Adapters
- Usage of the Resource Collection for creating and postprocessing AFPDS

#### **Installation Planning:**

- Choose the right platform
- Estimate disk space requirements
- Estimate processing times
- Migration options

#### **Bundling techniques:**

- Pre- versus post-bundling of documents
- Definition of document indices
- Defining conditional bundling algorithms in Papyrus Designer
- Delivery controls, document enveloping for postal optimizations
- Using third-party AFPs with Papyrus Postprocessing (TLEs or NOPs)
- Writing document status information into the Depot
- Authentic reproduction of front/back side order

#### **Document augmentations:**

- AFP manipulation with Papyrus Tuner
- AFP manipulation based on user annotations in Papyrus Client
- White space detection for optimized message placing with Papyrus Tuner
- Configure Papyrus AFP Tuner
- Adding OMR/barcodes with document-specific information

#### **Papyrus WebArchive for document archiving**

- Archive formats (AFPDS, PDF/A, ...)
- Defining a document index
- Integration with other archives (CMIS Adapter)
- Short- and long-term archiving
- Creating a distributed Depot with partition management
- Checking documents into the archive
- Document viewing options
- WebPortal Setup
- Define storage types for archived documents
- Configuration of the Depot search application
- User creation
- Configure Splitter to generate PDF/A

# Papyrus ADF Operations Workshop

Configuration and administration of Papyrus Automated Document Factory and Print and E-Delivery Solutions. Design of job templates with Papyrus Operations Designer. Production operation and monitoring with Papyrus Client.

Duration: 2 days

Time: Th-Fr 9-17

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## Participants:

- Application administrators
- Job preparation engineers
- Production operators

## Prerequisites:

- Papyrus Objects System Administrator Workshop

## Goals:

- Complete understanding of the Papyrus ADF and Print and E-Delivery capabilities
  - Familiarize with Papyrus Operations Designer and Papyrus Client for production operation
- 

## Content:

### Introduction into Automated Document Factory (ADF) and Print & E-Delivery (PED) Solution:

- Concepts and advantages
- Task design and workflow mechanism
- Theoretical introduction to Bounce Solution

### Configuration and usage of ADF and PED Solution:

- Installation, configuration and user setup
- Customizing a Papyrus Consolidated Application Domain (CAD)
- Configurations with settings explorer, collections and tool attributes
- Resource management using Papyrus resource collection
- Configuring Papyrus File and XML Adapters for data exchange with external systems
- Passing output channel information from the input data to PED
- ADF applications: Jobs, Queues and Design workplaces
  - Implement a mini project
  - Importing resources from file system

### Extensions:

- Extending ADF setup with queues
- Load balancing with ADF scaling
- Creation of PED rules and custom extensions
- Executing custom code together with a rule
- Using the Notification framework to create custom alerts
- Integrate with the Correspondence Solution

### Job preparation with Papyrus Operations Designer:

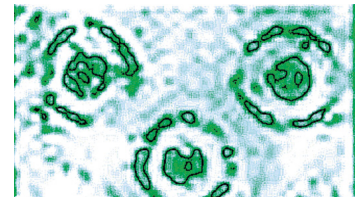
- Task creation wizard
- Extensions with additional steps
- Defining job templates
- Managing jobs, queues and output channels
- Mapping Tasks and Adapters
- PED-based bundling configuration
- Email as output channel
- Configuration and administration of multi-channel output

### Document viewing and printing options:

- Use Papyrus Client AFP Viewer for quality assurance tests
- Quality check using voting tasks
- Papyrus Client local and LAN printing to verify print resources
- PDF viewing
- Server printing to IPDS, PCL and PS network printers

### Reporting:

- Setup and configuration
- Creating a source table
- Designing custom reports and dashboards
- Using dashboards for production statistics
- Export of reports as PDF



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E-mail: [workshops@isis-papyrus.com](mailto:workshops@isis-papyrus.com)

### **AUSTRIA (German)** **EUR 1000**

April 18-19  
September 26-27

### **AUSTRIA (English)** **EUR 1000**

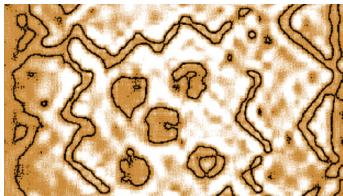
March 28-29  
October 10-11

### **USA (English)** **USD 1500**

Feb/Mar 29-1  
September 26-27

### **SINGAPORE (English)** **USD 1500**

Date on request



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### **AUSTRIA (German)**

**EUR 1000**

March 21-22  
June 13-14  
October 10-11

### **AUSTRIA (English)**

**EUR 1000**

February 15-16  
May 16-17  
November 14-15

### **USA (English)**

**USD 1500**

Date on request

### **SINGAPORE (English)**

**USD 1500**

Date on request

## **Papyrus Capture Business Designer Workshop**

*Papyrus Capture Business Designer for business document classification and extraction definitions. Usage of Papyrus Capture Client for document scanning, manual extraction corrections and validation.*

Duration: 2 days

Time: Th-Fr 9-17

### **Participants:**

- Document managers
- Business administrators

### **Prerequisites:**

- Basic knowledge of document capture

### **Goals:**

- Introduction into concepts, features and principles of Papyrus Capture Business Designer and Papyrus Capture Client
- Scan documents with Papyrus Scan
- Correct and handle documents with Papyrus Capture Client
- Control and monitor a Capture solution with Capture administration application
- Define a document type and its fields with Extraction workplace of Capture Business Designer
- Define document classifications with Classification workplace of Capture Business Designer
- Understand and use release and change management

### **Content:**

#### **Papyrus Capture Client application**

- Correct invalid documents in Completion view
- Manage documents in Document handling view

#### **Papyrus Capture Client administration application**

- Import and process documents in a Capture Solution
- Retrieve documents from Document depot
- Retrieve documents from Basedata depot
- Retrieve statistical data of a Capture Solution

#### **Papyrus Capture Scan**

- Configuration of Scan Receiver
- Scan documents with Scan view
- Check scanned documents

#### **Papyrus Capture Business Designer**

- Concepts and features
- Papyrus Capture Business user types

#### **Extraction workplace**

- Define a document type
- Import sample documents
- Define fields for a document type
- Train and test a document type
- Create a definition for table extraction
- Create hierarchical document types

#### **Classification workplace**

- Import sample documents via e-mail
- Train the classification
- Test the classification definition
- Correct an incomplete classification definition
- Edit a keyword definition with keyword editor

#### **Release and change management**

- Concepts
- Move a release to next stage
- Evaluate, test and activate a release



# Papyrus Capture Designer Workshop

Document classification and extraction definitions with Papyrus Capture Designer

Duration: 3 days

Time: Mo 9-17, Tu-We 9-17

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## Participants:

- Capture application designers

## Prerequisites:

- Basic knowledge of document capture
- Papyrus Objects System Administrator Workshop
- Papyrus Objects Developer Workshop (recommended)

## Goals:

- Classification and extraction definitions with Papyrus Capture Designer
- 

## Content:

### Preparatory steps in Papyrus WebRepository

- Starting of nodes and usage of Papyrus Desktop Document extractor tool

### Schema definitions

- Definition of a schema definition for a member card document
- Project specifications
- Import test sample documents

### Extraction definition

- Starting Papyrus Capture Designer
- Add schema elements
- Extraction definition
- Regions and recognition processors
- Types of extraction results

### Normalization

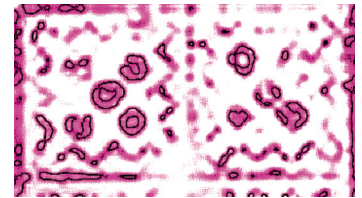
- Normalization theory
- Define normalization by anchors
- Define a normalization processor for binarization

### Preprocessing

- Preprocessing theory
- Define a preprocessor to dilate characters
- Using the feature "Apply to image"

### Position anchors and relative region

- Absolute regions and relative regions
- Difference between absolute and a relative regions
- Define a position anchor for member card
- Add relative regions



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### **AUSTRIA (German)**

On-demand workshop  
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### **AUSTRIA (English)**

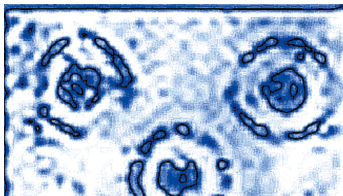
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### **USA (English)**

On-demand workshop  
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### **SINGAPORE (English)**

On-demand workshop  
Dates can be arranged on request.



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### **AUSTRIA (German)**

**EUR 1200**

March 18-20  
June 10-12  
October 7-9

### **AUSTRIA (English)**

**EUR 1200**

February 12-14  
May 13-15  
November 11-13

### **USA (English)**

**USD 1700**

Date on request

### **SINGAPORE (English)**

**USD 1700**

Date on request

## Papyrus Capture Solution Workshop

*Administration and customization of the Papyrus Capture Solution for inbound business document mail classification and extraction in Papyrus WebRepository*

Duration: 3 days

Time: Mo-We 9-17

### Participants:

- System administrators
- Projects managers
- Capture application developers

### Prerequisites:

- Basic knowledge of document capture
- Papyrus Objects System Administrator Workshop
- Papyrus Objects Developer Workshop (recommended)

### Goals:

- Introduction into concepts, features and workflow principles of the Papyrus Capture Solution
- Design and planning of a Papyrus Capture Solution project
- Configuration and operation of a Papyrus Capture Solution
- Usage of Papyrus Capture Client business user interfaces

### Content:

#### **Introduction of the Capture Base Solution**

- Practical demonstration of a Capture Solution
- Capture node architecture
- Processing workflow of a Capture solution
- Structure of the Capture Base Solution

#### **Document classification**

- Categorizer configuration
- Classification definitions
- Configuration of the keyword definition
- Testing the keyword definition

#### **Document extraction definitions**

- Guidelines for the development of extraction definitions
- Development of a Papyrus Capture Designer project
- Importing a Capture Designer project from file system

#### **Document import**

- Basics of document acquisition
- Import with XML and eMail (IMAP) Adapters

#### **Capture Document Factory**

- Overview
- Algorithms and use cases

#### **Papyrus depot and Capture Solution depots**

- Structure and features of a Papyrus depot
- Capture solution depots

#### **Capture lookup objects**

- Lookup object types
- Defining Objects simple lookup templates
- Defining Substitution lookup templates

#### **Common rules and validation**

- Types of common rules
- Defining validation rules
- Development of custom rules

#### **Mask definition**

- Creating default mask definition
- Customizing mask definition for the display of extraction data in a Capture Client view

#### **Document distribution**

- Distribution options for Capture document results
- PQL exporter

# Papyrus Adaptive Case Management Workshops

Master the Papyrus Adaptive Case Management (ACM) Solution for custom business applications

Duration:

Module 1 (MA1): ACM Business Designer Workshop - design of value streams and business processes, 2 days (Mo-Tu)

Module 1 (MA2): ACM System Administration and Customization Workshop – configuration and customization of ACM installations, 1 day (We)

Time: Mo 9-17, Tu-Th 9-17, Fr 9-15

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## Participants for both modules:

### MA1 for business users: 2 days

- Business analysts
- Business administrators

### MA2 for IT users: 1 day

- System administrators
- Application analysts, developers

## Prerequisites:

### MA1

- General knowledge about Business Application definitions

### MA2

For a holistic understanding it is recommended to follow also module 1

- Papyrus Objects System Administrator Workshop
- Papyrus Objects Developer Workshop (recommended)

## Goals:

### MA1:

- Planning and defining case templates, processes, wizards, webforms with Business Designer

### MA2:

- Installation, configuration and definition of services
- 
- 

## Content:

### Module 1 (MA1)

#### Papyrus Business Designer basics:

- Case components (goals, tasks, participants, processes)
- User Interface
- Release Management
- Template definition editing

#### Business application design by business administrator:

- Business context for “Customer onboarding” application
- Business context for “Repair Service Management” application
- Specification of participants, goals, tasks, services, data
- Definition of business components
- Assembly of the case from components
- Business rules
- Linking correspondence documents with user tasks
- Data mapping with document variables

#### Form definitions for Web and Mobile:

- Using Business Designer for form definitions
- Data mapping with form elements
- Form definitions and validations
- Simulation

#### Release Management:

- Testing of case templates
- Finishing the release

#### Case execution by business clerk and supervisor:

- Understanding the business story line in context
- Execution as clerk using Papyrus Client
- Supervisor using Papyrus Mobile APP for sign-off

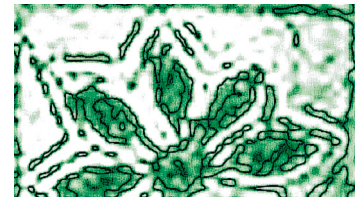
### Module 2 (MA1)

#### System administration:

- Node architecture
- Install required components (Depot node, Portal node)
- Application settings
- User creation and configuration
- User Interface configuration options
- Document creation settings

#### Application extension:

- Purpose of services and service tasks
- Definition of data retrieval services
- PQL services
- Data flow services for forms



All ISIS Papyrus courses are also offered as In-house Workshops (see page 23).

ISIS Papyrus offers optional single-room hotel accommodation for classroom courses for approximately USD 100 / EUR 90 per night. More information on available hotels can be found online:

[www.isis-papyrus.com/hotel](http://www.isis-papyrus.com/hotel)

Other services such as meals can be taken in the nearby restaurants and are not included in the course fee.

To book a classroom course, a seminar or an in-house workshop please register online: [www.isis-papyrus.com/workshop-reg](http://www.isis-papyrus.com/workshop-reg)

For further questions, please contact us:

Phone: +43-2236-27551-0

E-mail: [workshops@isis-papyrus.com](mailto:workshops@isis-papyrus.com)

com

### **AUSTRIA (German)**

On-demand workshop  
Dates can be arranged on request.

### **AUSTRIA (English)**

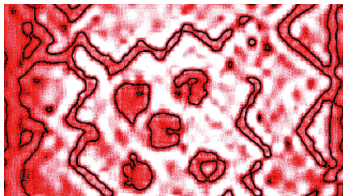
On-demand workshop  
Dates can be arranged on request.

### **USA (English)**

On-demand workshop  
Dates can be arranged on request.

### **SINGAPORE (English)**

On-demand workshop  
Dates can be arranged on request.



All ISIS Papyrus courses are also offered as In-house Workshops (see page 23).

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For further questions, please contact us:

Phone: +43-2236-27551-0  
E-mail: [workshops@isis-papyrus.com](mailto:workshops@isis-papyrus.com)

### **AUSTRIA (German)**

On-demand workshop  
Dates can be arranged on request.

### **AUSTRIA (English)**

On-demand workshop  
Dates can be arranged on request.

### **USA (English)**

On-demand workshop  
Dates can be arranged on request.

### **SINGAPORE (English)**

On-demand workshop  
Dates can be arranged on request.

## Papyrus Experts Workshops

*Development of enhanced DOCDEF applications with Papyrus Designer and workflow applications using Papyrus WebRepository*

Duration:

Module 1 (ME1): Papyrus Experts Workshop Papyrus Designer, 2 days (Mo-Tu)

Module 2 (ME2): Papyrus Experts Workshop Papyrus Objects, 3 days (We- Fr)

Time: Mo 9-17, Tu-Th 9-17, Fr 9-15

### Participants for both modules:

- Papyrus Designer developers
- Papyrus Objects application developers
- Application analysts

### Prerequisites:

#### ME1+2

- Papyrus Document Design and Formatting Workshop

#### ME2

- Papyrus Objects Developer Workshop

### Goals:

#### ME1+2

- Using advanced Papyrus Designer/ DocEXEC features
- Tuning and debugging

#### ME2

- Papyrus Objects Developer Workshop
- Accessing object definitions in Papyrus Objects from DocEXEC
- Advanced usage of the Papyrus Query Language (PQL)
- Web services with SOAP Adapter

### Content:

#### Module 1 (ME1)

##### **Papyrus Designer Advanced Lessons**

##### **Designing a complex data application:**

- Reading of multiple input files (RECORD, XMLREAD, READLINE)
- Advanced page break handling
- Barcodes (2D, QR)
- Conditional data processing
- DOCDEF white space management (promotional messages, etc.)

##### **Reading and processing different data formats:**

- HTML input
- COBOL copybook
- SAP OTF, EDIFACT, Xerox DJDE

##### **Migration options for ASF/DCF documents:**

- Reading TCF-tagged input data

##### **SAP applications:**

- Processing of SAP data formats (OTF and RDI)
- Enhancement of the document layout

##### **Interactive document applications:**

- Papyrus Designer/Papyrus Client: Creation of a user input prompting application
- Defining interactive PDF Form applications

##### **Tuning and debugging:**

- Using the Papyrus Designer Debugger
- Performance tuning with Papyrus Designer timings profiler
- Image and color options

#### Module 2 (ME2)

##### **Papyrus Objects Advanced Lessons**

##### **Accessing the WebRepository from DOCDEF:**

- Querying the Object Space
- Instantiating objects
- Transaction handling
- Setting up tasks to run DocEXEC in Papyrus Objects

##### **Papyrus Query Language (PQL):**

- Advanced lessons on PQL
- System attributes, PQL sets, variables, operators, selectors and navigation
- Calling methods, date/time functions
- Search definitions, parallel search
- Explicit transaction handling

##### **Document batch applications:**

- Receive many small XML input files for document formatting
- Bundle them in a Depot for processing as single batch formatting run with DocEXEC by a scheduled action

##### **HTTP/REST Interface options to 3rd party systems:**

- Synchronous HTTP Client calls
- Web services with Papyrus REST and SOAP adapter
- Use of transient objects

# Papyrus Certification Program

Service companies and individuals around the world providing services to Papyrus customers using the Papyrus Platform have to ensure that they maintain a high level of expertise. The Papyrus Certification Program establishes the necessary basis for a recognized skill level for specific Papyrus certification modules.

Eligibility:

Choose from the following independent modules with their eligibility requirements.

MODULE	MANDATORY WORKSHOPS
MODULE DD Certified Papyrus Document Designer	<ul style="list-style-type: none"> <li>• Papyrus Document Designer and Formatting Workshop</li> <li>• Papyrus Experts Workshop module ME1</li> </ul>
MODULE PO Certified Papyrus Objects Engineer	<ul style="list-style-type: none"> <li>• Papyrus Objects System Administrator Workshop</li> <li>• Papyrus Objects Developer Workshop</li> <li>• Papyrus Experts Workshops module ME2</li> </ul>
MODULE DD Certified Papyrus Document Designer	<ul style="list-style-type: none"> <li>• Papyrus Document Designer and Formatting Workshop</li> <li>• Papyrus Objects System Administrator Workshop</li> <li>• Papyrus Objects Developer Workshop</li> <li>• Papyrus Correspondence Workshop</li> </ul>
MODULE DD Certified Papyrus Document Designer	<ul style="list-style-type: none"> <li>• Papyrus Document Designer and Formatting Workshop</li> <li>• Papyrus Objects System Administrator Workshop</li> <li>• Papyrus Objects Developer Workshop</li> <li>• Papyrus Operations Workshop</li> </ul>
MODULE DD Certified Papyrus Document Designer	<ul style="list-style-type: none"> <li>• Papyrus Objects System Administrator Workshop</li> <li>• Papyrus Objects Developer Workshop</li> <li>• Papyrus Capture Workshop</li> <li>• Papyrus Capture Designer Workshop</li> </ul>

## Papyrus Certified Professionals Directory

A list of all current Papyrus Certified Professionals who have been certified to provide professional service with the Papyrus Platform and their certification level is available in our online directory at [www.isis-papyrus.com/certifiedprofessionals](http://www.isis-papyrus.com/certifiedprofessionals)



### Application and Fees:

Choose one of the dates below and contact ISIS Papyrus for your personal training plan to gain the required knowledge. The application fee for each certification is EUR 600/USD 800. Please contact ISIS Papyrus Marketing for arranging additional appointments. A candidate can obtain one certification module per date.

### Recertification every 3 years

The Papyrus Platform is dynamically evolving. It is therefore essential that Papyrus professionals keep their knowledge about improvements and extensions of the platform up to date by renewing it every three years.

### Renewal of a specific certification module:

- Written presentation about productive Papyrus applications of the past three years, which the candidate has implemented. These applications serve as proof of the professional experience the candidate has gained in the module-specific area.
- Self study of module specific new functionalities, which have been added to the Papyrus platform since the previous certification. Candidates will be provided with a personalized learning program at the time of registration so that they can acquire the necessary knowledge in advance on the basis of the official Papyrus documentation.

Duration: 1 day  
Time: 9-18

### AUSTRIA

EUR 600/ USD 800

March 22  
June 21  
November 29

ISIS Papyrus invites you to become a Papyrus Certified Professional. Our workshops provide you with the necessary education and training to completely prepare you for the certification exam. Papyrus Certified Professionals may use their personal certificate and official certification level logo to promote their qualification.

**PAPYRUS SOFTWARE** 2024  
**CERTIFICATION MODULE DD**

**Module DD: Certified Papyrus Document Designer**

**Prerequisites:**

- Understanding of AFPDS and AFP-Triplets, PPFA (OGL, PAGEDEF/FORMDEF), page segments/images, AFP-fonts, resolutions and codepages
- Reading of different input data formats (linemode, ASCII/EBCDIC, DJDE, SAP, XML, etc.)
- Complex dynamic DOCDEF document application design, charts, tables, text formatting, logic definitions, consolidated document development
- Papyrus Client AFP viewing, interactive prompting applications and text editor

**Mandatory ISIS Papyrus Workshops:**

- Papyrus Document Design and Formatting Workshop
- Papyrus Experts Workshop ME1

**PAPYRUS SOFTWARE** 2024  
**CERTIFICATION MODULE PO**

**Module PO: Certified Papyrus Objects Engineer**

**Prerequisites:**

- Experience in end-to-end Papyrus Objects project planning, system architecture design, configuration for standard solution customizations and extensions
- Repository class and template development
- Papyrus Query Language
- Change management using project management
- Defining workflows: task, tool, material, Queues, routing rules
- Papyrus settings concept
- User authorization through role and policy
- Adapter data interfaces
- Analysis with Application and Performance Analyzer

**Mandatory ISIS Papyrus Workshops:**

- Papyrus Objects System Administrator Workshop
- Papyrus Objects Developer Workshop
- Papyrus Experts Workshop ME2

**PAPYRUS SOFTWARE** 2024  
**CERTIFICATION MODULE CF**

**Module CF: Certified Papyrus Correspondence Designer**

**Prerequisites:**

- Installation of nodes, web server configuration
- Scoped settings for Correspondence-, change management-, Wizard-, custom UI-settings
- Creating resources for use in Correspondence Solution
- Implementation of business organizational structures
- Document template definition with Business Designer
- Design and implementation of custom data reading routines and building blocks

**Mandatory ISIS Papyrus Workshops:**

- Papyrus Document Design and Formatting Workshop
- Papyrus Objects System Administrator Workshop
- Papyrus Objects Developer Workshop
- Papyrus Correspondence Solution Workshop

**PAPYRUS SOFTWARE** 2024  
**CERTIFICATION MODULE OM**

**Module OM: Certified Papyrus Output Management Engineer**

**Prerequisites:**

- Planning and implementation of output management solutions
- Central and remote printing using Papyrus Server
- PrintPool/DocumentPool installation and administration knowledge (SQL, PQL)
- Experience with Papyrus Output Management projects (bundling, distribution, postal optimizations)
- Archiving and output distribution using ADF Framework Solution

**Mandatory ISIS Papyrus Workshops:**

- Papyrus Document Design and Formatting Workshop
- Papyrus Objects System Administrator Workshop
- Papyrus Objects Developer Workshop
- Papyrus Postprocessing Workshop
- Papyrus ADF Operations Workshop

**PAPYRUS SOFTWARE** 2024  
**CERTIFICATION MODULE CA**

**Module CA: Certified Papyrus Capture Engineer**

**Prerequisites:**

- Planning and implementation of Papyrus Document Capture Solutions
- Understanding scanning and imaging technologies (formats like TIFF, JPG, BMP; quality criteria, OCR/ICR)
- Aspects of optimal forms and document layout
- Complex inbound document analysis and capture strategy definition
- Design of classification and extraction processes
- Skills in implementation of Capture rules and validations using Depot or databases
- Usage of Document Workplace

**Mandatory ISIS Papyrus Workshops:**

- Papyrus Objects System Administrator Workshop
- Papyrus Objects Developer Workshop
- Papyrus Capture Solution Workshop
- Papyrus Capture Designer Workshop

**Certification Procedure**

**Theory session (1.5 hrs.)**

- Candidates have to
- prove their module-specific knowledge with a Q&A application (not multiple choice),
  - plan for the specified application implementation using the official Papyrus project management templates.

**Practical session (5 hrs.)**

- Based on defined requirements, certification candidates have to implement a real-life business application on a provided trainee PC using the latest Papyrus Platform products

**Oral session (1 hr.)**

- Discussion of candidate results

**Certification assessment levels**

- Associate
- Specialist
- Expert

# GENERAL INFORMATION

## On-Site Training

- You have a larger group of people in your company who need to be trained on the same subject.
- You need a very special application to be developed with the Papyrus Platform.
- You need the workshop to focus on your special questions and requirements.
- You should book an on-site workshop!

### Our Services:

- Course planning and support by defining the course content
- Qualified trainers
- Training material with lessons
- Course guides (download)

## Registration

To register for a course, simply complete the online registration at [www.isis-papyrus.com/workshop-reg](http://www.isis-papyrus.com/workshop-reg)

You will receive a written confirmation with the detailed course information, a map to find the course location and a choice of hotels nearby. We are happy to book the hotel reservation for you if required. More information on available hotels can be found online: [www.isis-papyrus.com/hotel](http://www.isis-papyrus.com/hotel)

Cancellation of the course is free of charge up to two weeks before the course date. After that, the full fee for the course applies. We would like to point out that workshops might be postponed due to low registration and recommend taking this into account when arranging your flight schedule.

Course guide (download) is included in the price. Please note that all our prices are quoted net and do not include local taxes.

### Your Benefits:

- Course content tailored to your requirements
- Discussing special project requirements
- Developing your own document applications
- More time for specific questions
- No travel cost for attendees
- If you do not have access to a training room with the necessary hardware and software, we can offer the workshop in one of our training centers in Vienna, Dallas or Singapore.

Please find your ISIS Papyrus contact for course organization at the various ISIS Papyrus locations on page 3.

Virtual workshops: Please note, that course times will be from 9.00 - 17.00 per day with breaks after 60-minute units and a lunch break between 12.00 - 13.00. Details for technical prerequisites can be found online: <https://www.isis-papyrus.com/workshops/>


The trainings are held via Zoom conference with Remote Desktop access to the individual training environments running in an Amazon Cloud.

The content of the workshop will be presented, explained and discussed using the 'shared screen' functionality of the Zoom session. Participants work and follow training sessions in their personal virtual classroom environment. The trainer can access each participant's screen through Zoom for an online assistance during individual exercises and interactive troubleshooting.

# ISIS PAPYRUS EVENTS 2024

## ISIS Papyrus Open House and User Conference

The best way to get the latest insights into the world of Papyrus is to attend one of the ISIS Papyrus Open House events. The direct access to top technical and business personnel, ISIS Papyrus corporate leadership and fellow Papyrus users will yield a growing return on your investment as you make more informed decisions for your company's IT future. **Join us at our annual flagship event, meeting top-notch experts and visionary minds.**

 **Open House Global**  
April 28-30, 2024 | Vienna, Austria

## ISIS Papyrus Strategy and User Conference

Every year, we take an elite group of ISIS Papyrus experts on tour to bring the opportunity of a hands-on experience with the latest Papyrus innovations and solutions to a location near you. Take advantage of a wealth of information for addressing your most puzzling challenges, and learn first-hand about current and future developments of the Papyrus Platform.

- Paris
- Brussels
- Stockholm
- Copenhagen
- Singapore
- Beijing
- Hong Kong
- Cologne
- Frankfurt am Main
- Zurich

