



ISIS Papyrus Training Guide 2019

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ISISPAPYRUSACADEMY

Service companies and individuals around the world have approached us to provide services to customers using the Papyrus Platform.

To ensure these professionals provide a high level of expertise, we have established the Papyrus Certification Program.

The mission of this program is to develop and maintain the standards for recognition of professionalism using the Papyrus Platform.

Get Papyrus Software Certified!

ISIS Papyrus invites you to become a Papyrus Certified Professional

ISIS Papyrus provides the necessary education and training program to completely prepare you for the certification exam.

Details on the required skills for the Papyrus Certification are included in this brochure on page 14.



A Papyrus Certification is awarded to professionals having passed the different levels of the Papyrus Certification examination. It needs to be **renewed every third year**.

Papyrus Certified Professionals may use their personal certificate and official certification level logo to promote their qualification.

A list of all current Papyrus Certified Professionals and their certification level is available online at www.isis-papyrus.com/certifiedprofessionals

Europe/Austria

ISIS Papyrus Solutions and Competence Center

Papyrus Platz 1
2345 Brunn am Gebirge/Vienna

T: +43-2236-27551

F: +43-2236-21081

E: workshops@isis-papyrus.com

Contact: Judith Gatscher-Riedl, Training 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

Contact: Juliane Cuneus, Course Coordinator



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.

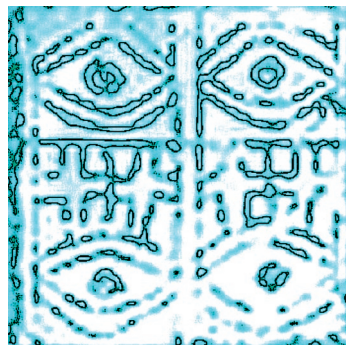
Experienced ISIS Papyrus Professionals have been chosen to conduct our workshop classes and deliver a high-quality experience.



Registration

Online registration: www.isis-papyrus.com/training

All workshops and courses are offered in English and German.



Papyrus Document Designer and Formatting Workshop

Development of formatted document and statement applications

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)

€ 2100

March	11-15
May	13-17
October	14-18

AUSTRIA (English)

€ 2100

February	4-8
May	20-24
Sept./Oct.	30-4

USA (English)

USD 2400

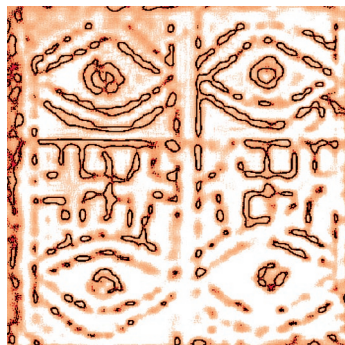
January	21-25
April/May	29-3
September	23-27

SINGAPORE (English)

USD 2400

February	18-22
October	21-25

see page 6



Papyrus Objects System Administrator Workshop

Administration of the Papyrus Objects Platform for business processes and application analysis

Participants:

- System administrators
- Solution architects
- Project managers

Prerequisites:

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

Goals:

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

AUSTRIA (German)

€ 2100

February	11-15
April	8-12
September	16-20
October	21-25

AUSTRIA (English)

€ 2100

Jan./Feb.	28-1
March	25-29
August	26-30
November	4-8

USA (English)

USD 2400

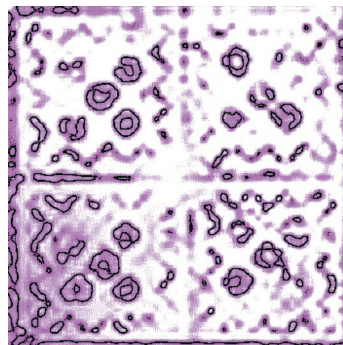
March	11-15
September	9-13

SINGAPORE (English)

USD 2400

April	22-26
September	23-27

see page 7



Papyrus Objects Developer Workshop

Developing object-oriented business applications for the Papyrus WebRepository platform

Participants:

- Application developers
- Application analysts

Prerequisites:

- Programming knowledge in object-orientation
- Understanding of XML
- Papyrus Objects System Administrator Workshop

Goals:

- Understanding of object-oriented modeling in Papyrus Objects: class and template definitions, principles of Papyrus Query Language, Papyrus Adapter techniques and Papyrus UI applications

AUSTRIA (German)

€ 2100

February	11-15
October	7-11

AUSTRIA (English)

€ 2100

March	4-8
September	16-20

USA (English)

USD 2400

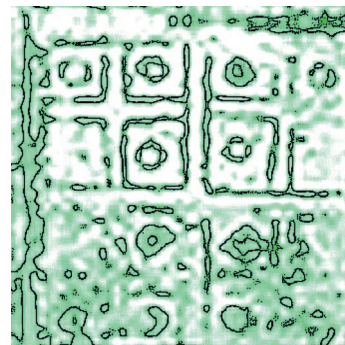
May	6-10
October	14-18

SINGAPORE (English)

USD 2400

Date on request

see page 8



Papyrus Output Management Workshop

Develop output management applications for bundling, distribution, e-delivery, multi-channel output and 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
- Understanding of bundling, output channel configuration and archiving

AUSTRIA (German)

€ 2100

March	18-22
November	11-15

AUSTRIA (English)

€ 2100

April	1-5
October	21-25

USA (English)

USD 2400

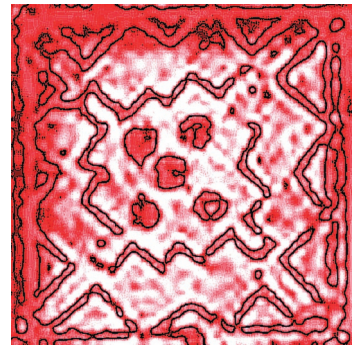
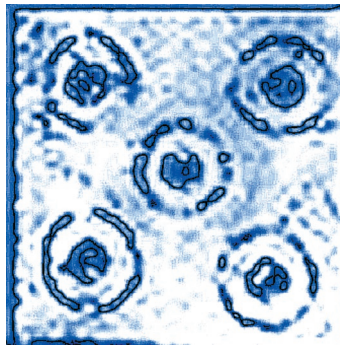
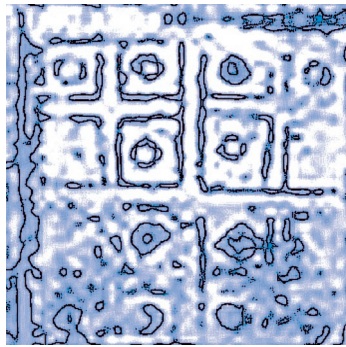
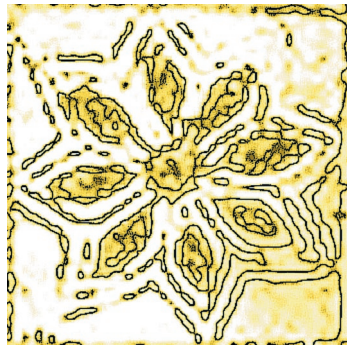
March	4-8
Sept./Oct.	30-4

SINGAPORE (English)

USD 2400

Date on request

see page 9



Papyrus Correspondence / Business Designer Workshop

Usage of the Papyrus Business Correspondence Solution for business departments

Participants:

- Business users in the roles of Document Template Administrators, Release Managers, Testers and Clerks

Prerequisites:

Domain-specific knowledge about business correspondence

Goals:

- Conceptual understanding and usage of the Papyrus Correspondence Solution
- Learn about business user role responsibilities
- Define reusable building blocks, document templates and wizards
- Utilize change management and release processes

AUSTRIA (German)

€ 2100

February	18-22
April	1-5
September	23-27
November	25-29

AUSTRIA (English)

€ 2100

January	21-25
April	8-12
September	9-13
November	18-22

USA (English)

USD 2400

March	18-22
September	16-20

SINGAPORE (English)

USD 2400

May	20-24
Sept./Oct.	30-4

see page 10

Papyrus Correspondence / Administrator and Developer Workshops

Configuration and extension of the Papyrus Business Correspondence Solution:

Mod. 1: Papyrus Correspondence / Administrator Workshop – 2 days
Mod. 2: Papyrus Correspondence / Developer Workshop – 3 days

Participants:

- 1: System administrators
- 1+2: Papyrus Designer developers

Prerequisites:

- 1+2: Papyrus Objects System Administrator Workshop (recommended)
- 2: Papyrus Document Designer and Formatting Workshop
- 2: Papyrus Objects Developer Workshop (recommended)

Goals:

- 1: Configure the Correspondence Solution to individual business needs
- 1: Settings and Node architecture
- 2: Develop DOCDEF applications in Papyrus WebRepository
- 2: Migrate DOCDEF applications into WebRepository
- 2: Extend the Correspondence Solution with custom building blocks

AUSTRIA (German)

€ 1000/€ 2500*

May	13-17
September	23-27

AUSTRIA (English)

€ 1000/€ 2500*

March	11-15
October	14-18

USA (English)

€ 1200/€ 2900*

April	22-26
September	9-13

SINGAPORE (English)

€ 1200/€ 2900*

March	11-15
October	7-11

* The workshop can be booked at the following pricing:

Mod. 1: € 1000/ USD 1200
Mod. 1+2: € 2500/ USD 2900

see page 11

Papyrus Capture Solution Workshops

Design and administration of Papyrus Capture Applications in Papyrus Objects

Participants:

- System administrators
- Capture designer
- Project managers

Prerequisites:

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

Goals:

- Introduction to the user interface of Papyrus Capture and Capture Designer
- Design classification and extraction definitions
- Install, operate, and maintain a project within Papyrus WebRepository

AUSTRIA (German)

Module 1: € 2100

March	18-22
May	20-24
October	7-11

AUSTRIA (English)

Module 1: € 2100

Feb./March	25-1
June	3-7
November	11-15

USA (English)

Module 1: USD 2400

Date on request

SINGAPORE (English)

Module 1: USD 2400

Date on request

Additional Modules Pricing:

Mod. 2 - Designer FixForm
€ 1000/ USD 1200
Mod. 3 - Designer FreeForm®
€ 1000/ USD 1200

see page 12

Papyrus Experts Workshops

Development of enhanced document and workflow applications using Papyrus WebRepository

Papyrus Experts Module 1 - 2 days
Papyrus Experts Module 2 - 3 days

Participants:

- Application developers
- Application analysts

Prerequisites:

- 1+2: Papyrus Document Designer
- 2: Papyrus Objects Developer Workshop

Goals:

- 1: Using advanced Papyrus Designer/DocEXEC features
- 1: Tuning and debugging
- 2: Accessing objects in the Papyrus WebRepository directly from DocEXEC
- 2: Advanced usage of the Papyrus Query Language (PQL)
- 2: Web services with SOAP Adapter

AUSTRIA (German)

€ 1000/€ 1500*

March	25-29
November	18-22

AUSTRIA (English)

€ 1000/€ 1500*

March	4-8
November	4-8

USA (English)

USD 1200/USD 1700*

Date on request

SINGAPORE (English)

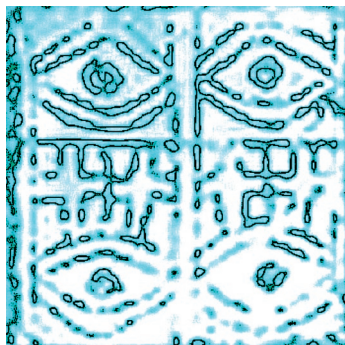
USD 1200/USD 1700*

Date on request

* Modules can be booked separately. Pricing:

Module 1: € 1000/ USD 1200
Module 2: € 1500/ USD 1700

see page 13



Papyrus Document Designer and Formatting Workshop

Development of formatted document and statement applications

Duration: 5 days
Time: Mo 11–17, Tu–Th 9–17, Fr 9–15

All ISIS Papyrus courses are also offered as In-house Workshops (see page 15).

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

For further questions, please contact us:

Phone: +43-2236-27551-0
Fax: +43-2236-21081
E-mail: workshops@isis-papyrus.com

AUSTRIA (German)

€ 2100

March	11-15
May	13-17
October	14-18

AUSTRIA (English)

€ 2100

February	4-8
May	20-24
Sept./Oct.	30-4

USA (English)

USD 2400

January	21-25
April/May	29-3
September	23-27

SINGAPORE (English)

USD 2400

February	18-22
October	21-25

Participants:

- Application developers
- Application analysts

Prerequisites:

- PC experience
- Script programming

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: Papyrus Designer, AFP Designer, Image Editor, Font Editor, FontConverter
- AFP Designer: design a simple PPFA print application: creation of PAGEDEF and FORMDEF, overlay
- Image Editor: Import PC graphics, creation of AFP page segments, image editing
- Font Editor: font types (raster and outline), font resources (coded font, codepage, character set), font editing
- FontConverter: conversion of TrueType fonts into AFP fonts

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 subroutines and includes
- PC test printing and generation of AFPDS and PDF files
- Viewing of AFPDS with Papyrus Client and AFP Viewer

Migration of OGL/PPFA applications:

- Migrating PPFA source code to DOCDEF source code

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

Text document with variables:

- Various data formats in ASCII, EBCDIC, etc.
- Conditional control based on data
- Multi-language applications
- Embedding graphics and signatures
- Reading and processing XML input
- Modularization of DOCDEF source code

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

Outlook on Papyrus WebRepository and Papyrus Postprocessing/ DocumentPool:

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

Papyrus Objects System Administrator Workshop

Administration of the Papyrus Objects Platform for business processes and application analysis

Duration: 5 days

Time: Mo 11–17, Tu–Th 9–17, Fr 9–15

Participants:

- System administrators
- Solution architects
- Project managers

Prerequisites:

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

Content:

Basics:

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

System configuration and administration:

- System architecture and typical solution setups
- Installing the Domain Controller
- Installing and configuring the IPAS
- Client 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
- Preparing for production with checklist
- Creating Papyrus Query Language (PQL) scripts for automating administrative tasks

System analysis and monitoring:

- Analysis with Application and Performance Analyzer
- Configuration of the "APANet" component
- Using PCS monitor and kernel traces
- Performance and bandwidth considerations
- Tuning of applications

Goals:

- Command of the Papyrus Objects administrative tasks
- Create applications from existing frameworks and run production

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
- Use of Private/Public Development Framework

Task Management:

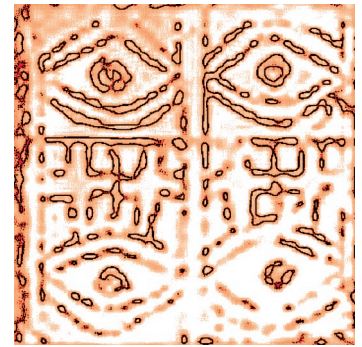
- Job administration
- Setting up queues and tools
- Configuration of Adapters/Receivers
- Using Agent rules
- Using local common rules
- Setup of a high-availability system
- Configuration of proxy management

Papyrus Query Language (PQL):

- Learn about PQL as query language
- Basic syntax, usage of functions
- Components making use of PQL in Papyrus Objects

Papyrus Desktop:

- Usage of standard views
- Use standard plugins



All ISIS Papyrus courses are also offered as In-house Workshops (see page 15).

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

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For further questions, please contact us:

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Fax: +43-2236-21081

E-mail: workshops@isis-papyrus.com

AUSTRIA (German)

€ 2100

February	11-15
April	8-12
September	16-20
October	21-25

AUSTRIA (English)

€ 2100

Jan./Feb.	28-1
March	25-29
August	26-30
November	4-8

USA (English)

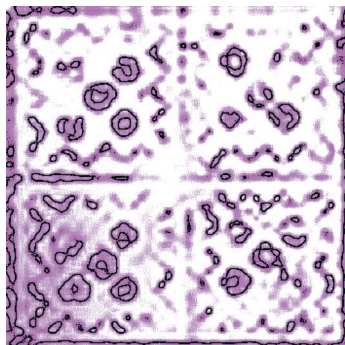
USD 2400

March	11-15
September	9-13

SINGAPORE (English)

USD 2400

April	22-26
September	23-27



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E-mail: workshops@isis-papyrus.com

AUSTRIA (German)

€ 2100

February 11-15

October 7-11

AUSTRIA (English)

€ 2100

March 4-8

September 16-20

USA (English)

USD 2400

May 6-10

October 14-18

SINGAPORE (English)

USD 2400

Date on request

Papyrus Objects Developer Workshop

*Developing object-oriented business applications
in conjunction with the Papyrus WebRepository*

Duration: 5 days

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

Participants:

- Application developers
- Application analysts

Prerequisites:

- Programming knowledge in object orientation
- Understanding of XML
- Papyrus Objects System Administrator Workshop

Goals:

- Understanding of object-oriented modeling in Papyrus Objects: class and template definitions, principles of Papyrus Query Language and Papyrus Adapter techniques

Content:

Basics about Papyrus WebRepository:

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

Application design:

- UML design basics
- Defining practical class models
- Process definitions using state machines

Application development:

- Class editor
- Template editor
- Tool/Material concept
- Queue concept
- State machine concept
- Customizing tasks
- Using and configuring agents
- Adapter messaging and syntax
- Agent Rules
- Setting up accounting and auditing

Application settings:

- Creating new settings and scope classes
- Retrieving settings for framework components

Papyrus Desktop:

- Desktop functions
- Developing classes and templates
- Defining a session
- Creating views

Papyrus Adapter techniques:

- MQSeries Receiver
- File Receiver
- XML Receiver
- HTTP interfaces

Papyrus Query Language (PQL):

- PQL as script language
- Query and update attributes
- Call functions and methods

Papyrus User Interfaces:

- Configuration of the Papyrus WebPortal
- Definition of UI applications with Papyrus EYE Widgets
- Building an EYE Widgets workplace

Papyrus Output Management Workshop

Using DocumentPool for bundling, distribution and sorting, using Automated Document Factory and Print & E-Delivery to different output channels and printer hardware, using WebArchive for archiving and Internet delivery

Duration: 5 days

Time: Mo 11–17, Tu–Th 9–17, Fr 9–15

Participants:

- Application developers
- Application analysts

Prerequisites:

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

Content:

System introduction:

- Papyrus system architecture
- Bundling options
- Distribution options
- Intranet options

Platform possibilities:

- Papyrus DocumentPool for bundling and output channel selection
- Setup of Papyrus DocumentPool using Papyrus WebRepository Depot or external databases
- Receiving output from back office applications using Papyrus Adapters

Bundling techniques:

- Pre- versus post-bundling of documents
- Definition of document indices
- Defining bundling algorithms in Papyrus Designer
- Conditional bundling
- Print or distribution controls
- Reprinting options
- Using third-party AFPs with Papyrus Postprocessing

Distribution techniques:

- Process-driven vs. user-driven
- Configuring your own distribution parameters
- Writing your own procedures

Papyrus WebRepository options:

- DocumentPool using the Papyrus Depot for print bundling an output channel selection
- Database interfaces

Planning for the installation:

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

Viewing of an AFP document:

- Use Papyrus Client AFP Viewer for tests
- Print to local PC and LAN printers
- Verify application print resources
- PDF viewing
- Postprocessing of generated AFPs

Goals:

- Complete understanding of the Papyrus output management capabilities
- Understanding of postal optimizing, bundling, output channel configuration and archiving

Network printing options:

- Printing documents to IPDS
- Printing documents to PCL and PS
- Printing documents to network printers

Papyrus ADF and Print & E-Delivery Solution:

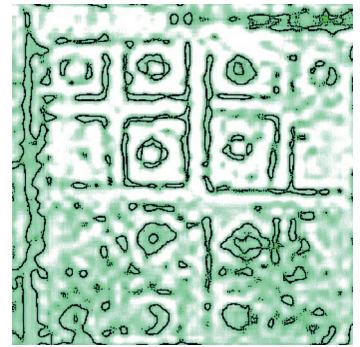
- Settings configuration
- Managing jobs, queues and output channels
- Resource management
- User authorization
- Using and configuring Adapters
- Managing printers in the network
- Taking over output channel information from the input data (PED)
- Defining PED-based bundling without extensive programming knowledge
- Converting document content into e-mail body text
- Creating dynamically personalized e-mails based on a template design, and attaching a document in PDF format
- Configuration of integrated reporting
- Configuration and administration of multi-channel output

Papyrus document archiving and delivery:

- Archive formats (AFPDS, PDF/A, ...)
- Defining a document index
- Storage media options
- Integration with other archives
- Short- and long-term archiving
- Receiving output to the archive
- Document viewing options
- WebPortal Setup
- Creating a distributed Depot with automatic partition management
- Ensure immutability of objects in archive
- Time-triggered execution of the archiving procedure

Campaign management options:

- White space detection for optimized message placing
- Configure Papyrus AFP Tuner
- Adding OMR/barcodes with document-specific information
- Writing back status information into the Depot



All ISIS Papyrus courses are also offered as In-house Workshops (see page 15).

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

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November	11-15

AUSTRIA (English)

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April	1-5
October	21-25

USA (English)

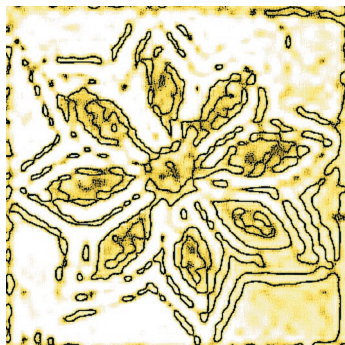
USD 2400

March	4-8
Sept./Oct.	30-4

SINGAPORE (English)

USD 2400

Date on request



Papyrus Correspondence / Business Designer Workshop

Usage of the Papyrus Business Correspondence Solution for business departments

Duration: 5 days

Time: Mo 11–17, Tu–Th 9–17, Fr 9–15

All ISIS Papyrus courses are also offered as In-house Workshops (see page 15).

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November	25-29

AUSTRIA (English)

€ 2100

January	21-25
April	8-12
September	9-13
November	18-22

USA (English)

USD 2400

March	18-22
September	16-20

SINGAPORE (English)

USD 2400

May	20-24
Sept./Oct.	30-4

Participants:

- Business users in the roles of Template Administrators, Release Managers, Testers, Clerks and Supervisors

Prerequisites:

- Domain-specific knowledge about business correspondence

Content:

Document administration:

- Document administration using the Papyrus Business Designer
- Document template creation
 - Layout definitions
 - Page numbering
 - Reusable building blocks
 - Variables
 - Document simulation with test data
- Single source documents (print, web, email)
- Content and Design building blocks
 - Assign, Barcode, Box, Change Layout, Checkbox, if/then/else versus Natural Language Rules, Line, Pagebreak, Positioning Synchronization, Table of contents
 - Disabling of building blocks
- Flexible composition of documents using Papyrus Wizards
 - Define custom forms
 - Assemble Wizards from form components
- Document data entry
 - Wizards vs. variable prompt
 - Text prompt, check box
 - Data upload
- Output options
 - Attachments
 - Inserts
 - Delivery options

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

Change and Release Management:

- Release process templates
- Resolve dependencies between release items
- Parallel release handling
- Production hotfix release coordination
- Release testing with simulation data
- Define test data in simulation collection
- Bug tracking and resolution cycle
- Visual document compare, highlighting the differences

Letter writing:

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

Papyrus Correspondence / Administrator and Developer Workshops

We offer two complementary workshops for the configuration and extension of the Papyrus Business Correspondence Solution.

Duration:

Module 1: Papyrus Correspondence / Administrator Workshop – 2 days

Module 2: Papyrus Correspondence / Developer Workshop – 3 days

Time: Mo 11–17, Tu–Th 9–17, Fr 9–15

Participants:

- System administrators (Module 1)
- Papyrus Designer developers should attend both Module 1+2

Prerequisites:

Module 1

- System administration experience
- Papyrus Objects System Administrator Workshop (recommended)

Module 2

- Object-orientation
- Papyrus Document Designer and Formatting Workshop
- Papyrus Objects System Administrator Workshop (recommended)
- Papyrus Objects Developer Workshop (recommended)

Content:

Papyrus Correspondence / Administrator Workshop – Module 1 (2 days, Mo-Tu):

- Papyrus Node architecture
- Usage of System Users (System Administrator, Security Administrator, CF Administrator, CF Developer)
- Usage of business user templates (Release Management, Template Administrators, Testers, Clerks)
- Configuration of Papyrus Business Designer users interfaces (EYE Widget and HTML interfaces)
- Installation of Nodes
- 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
- Creating resources for use in Correspondence Solution
- Implementation of business organizational structures
- Monitoring and house keeping

Papyrus Correspondence / Developer Workshop – Module 2 (3 days, We-Fr):

Papyrus Document Designer and DocEXEC features:

- Create hyperlinks and embed video files with STICKER command
- Usage of external TrueType fonts (TTF)
- Usage of barcode types PDF417, QR, Datamatrix, Maxicode

Goals:

Module 1

- Configure the Papyrus Correspondence Solution to individual business needs
- Configure users and settings
- Get familiar with and planning of node architecture

Module 2

- Develop DOCDEF applications in Papyrus WebRepository
- Usage of the Resource Collection
- Migrate DOCDEF applications into WebRepository
- Extend the Correspondence Solution with custom building blocks

- Output for optimized message placement with PURGE command
- Usage of color profiles with CMRPROFILE command
- Define text styles with TEXTSTYLE command
- Usage of hyphenation and spellchecking libraries
- Interactive document applications with Papyrus Client Canvas

Document template definition with Business Designer:

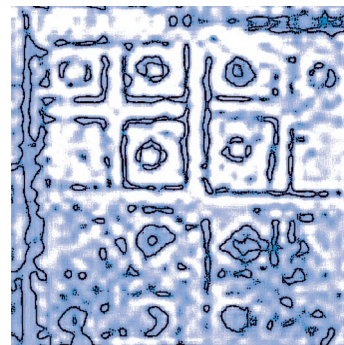
- Create document templates from building blocks
- Administrate building block templates
- Change management process

Document creation by the Business User Clerk:

- Letter writing by means of predefined document templates

Papyrus DOCDEF development with WebRepository:

- Resource Collection and its advantages
- Import of external resources
- Modify resources (page segments, overlays, fonts) within Resource Explorer
- Principles of Correspondence DOCDEF development
- Design and implementation of a new data reading routine
- Definition of a custom building block
- Define a Wizard calling service tasks
- Call wizards from external applications



All ISIS Papyrus courses are also offered as in-house Workshops (see page 15).

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

For further questions, please contact us:

Phone: +43-2236-27551-0

Fax: +43-2236-21081

E-mail: workshops@isis-papyrus.com

AUSTRIA (German)*

May	13-17
September	23-27

AUSTRIA (English)*

March	11-15
October	14-18

USA (English)*

April	22-26
September	9-13

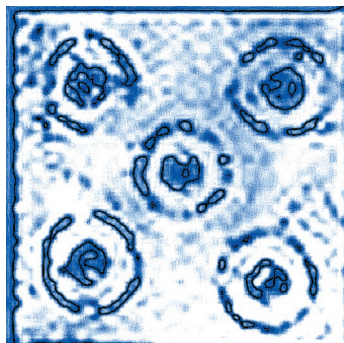
SINGAPORE (English)*

March	11-15
October	7-11

* The workshop can be booked at the following pricing:

Mod. 1: € 1000 / USD 1200

Mod. 1+2: € 2500 / USD 2900



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 E-mail: workshops@isis-papyrus.com

AUSTRIA (German)

Module 1: € 2100

March	18-22
May	20-24
October	7-11

AUSTRIA (English)

Module 1: € 2100

Feb./March	25-1
June	3-7
November	11-15

USA (English)

Module 1: USD 2400

Date on request

SINGAPORE (English)

Module 1: USD 2400

Date on request

Additional Modules Pricing:

Mod. 2 - Designer FixForm
 € 1000/USD 1200
 Mod. 3 - Designer FreeForm®
 € 1000/USD 1200

Papyrus Capture Solution Workshops

Design and administration of Papyrus Capture Applications in Papyrus Objects

Duration:

Module 1 (M1C) – Papyrus Capture Solution Workshop

5 Days Mo–Fr Mo 11–17, Tu–Th 9–17, Fr 9–15

Module 2 (M2C) – Papyrus Capture Designer FixForm

2 Days Mo–Tu Mo 11–17, Tu 9–17

Module 3 (M3C) – Papyrus Capture Designer FreeForm®

2 Days We–Th We 9–17, Th 9–17

Participants:

- System administrators
- Capture designers
- Project managers

Prerequisites:

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

Goals:

- Introduction to the user interface of Papyrus Capture and Capture Designer
- Design classification and extraction definitions
- Install, operate, and maintain a project within Papyrus WebRepository

Content:

The Papyrus Capture Solution Workshop (Module 1) and the two other Modules (M2C, M3C) can be booked individually. Content and focus of the Modules can be adapted to meet individual customer requirements.

Module 1 (M1C)

Papyrus Capture Solution Workshop (5 days, Mo–Fr):

The Papyrus Capture Solution Workshop includes a classroom presentation as well as the design of practical, real-life sample applications.

- Introduction to Papyrus Capture basics
- Papyrus Capture family of products
- Papyrus Capture document administration
- Setup of Capture Base Process with Papyrus Capture Framework:
 - Import of images with Scan, XML and File Adapters
 - Classification of capture documents
 - Extraction of data items including extraction of tables
 - Rule-based validation of documents
 - Manual verification of documents
 - Export of documents and extraction data items
- Setup of verification clients (thin clients) based on Papyrus EYE Widgets
- Use of Papyrus Depot for validation data and Capture documents
- Batch processing of Capture documents
- Operate the system by means of client workplaces

Module 2 (M2C)

Papyrus Capture Designer FixForm (2 days, Mo–Tu)

- OCR/ICR basics and settings
- OCR/ICR post-processing
- Aspects of optimal forms and document layout
- Definition of document categories
- Handling of color and gray-level images, proper anchor usage
- Optimal structure of extraction definitions
- Relative and absolute extraction

Module 3 (M3C)

Papyrus Capture Designer FreeForm® (2 days, We–Th)

- OCR/ICR basics and settings
- OCR/ICR post-processing
- Generic and layout based definitions
- Patterns – anchors – conditions
- FreeForm® Definition Set for multilingual invoices
- Validation using databases
- Statistical evaluation of document processing

Papyrus Experts Workshops

*Development of enhanced document and workflow applications
using Papyrus WebRepository*

Duration: 2 Modules (2+3 days), which can also be attended separately
Time: Mo 11–17, Tu–Th 9–17, Fr 9–15

Participants:

- Application developers
- Application analysts

Prerequisites:

For both Modules:

- Papyrus Document Designer and Formatting Workshop

For Module 2:

- Papyrus Objects Developer Workshop

Goals:

- Working on complex document requirements using extended Papyrus Designer and DocEXEC features and functions
- Accessing object definitions in the Papyrus WebRepository directly from DocEXEC
- Advanced use of the Papyrus Query Language (PQL) as script language of the WebRepository
- Application analysis with Papyrus APA

Content:

Module 1 (M1E)

Papyrus Designer Advanced Lessons (2 days, Mo–Tu)

Designing a complex data application:

- Reading of multiple input files (RECORD, XMLREAD, READLINE)
- Advanced page break handling
- Barcodes (2D, QR)
- Conditional data processing
- White space management by DOCDEF applications

Reading and processing data formats:

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

Migration of DCF, IPDT or ASF:

- Reading DCF tagged input data

SAP applications:

- Data interfaces (OTF and RDI)
- Enhancement of the SAP layout

Interactive document applications:

- AFP Designer: Creation of a FormsFill application
- Papyrus Designer/Papyrus Client: Creation of a Prompting application
- Interactive PDF Form applications

Tuning and debugging:

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

Module 2 (M2E)

Papyrus Objects Advanced Lessons (3 days, We–Fr)

Accessing the WebRepository from DOCDEF:

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

Papyrus Query Language (PQL):

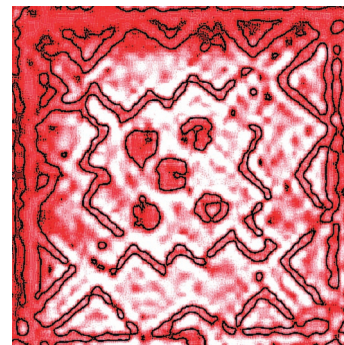
- Advanced lessons on PQL as script language
- PQL concepts and guidelines like system attributes, PQL sets, variables, operators, selectors and navigation
- Calling methods, date/time functions
- Calling nested PQLs
- Efficient search definitions
- Parallel search in distributed Depots
- Explicit transaction handling
- Rollback handling with/without sub-transactions

Batch application:

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

HTTP Interface to 3rd party systems:

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



All ISIS Papyrus courses are also offered as In-house Workshops (see page 15).

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

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For further questions, please contact us:

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Fax: +43-2236-21081

E-mail: workshops@isis-papyrus.com

AUSTRIA (German)

€ 1000/€ 1500*

March 25-29

November 18-22

AUSTRIA (English)

€ 1000/€ 1500*

March 4-8

November 4-8

USA (English)

USD 1200/USD 1700*

Date on request

SINGAPORE (English)

USD 1200/USD 1700*

Date on request

*** Modules can be booked separately. Pricing:**

Module 1: € 1000/ USD 1200

Module 2: € 1500/ USD 1700

www.isis-papyrus.com/certification

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 € 600/ USD 800.

Certifications can also be held on demand at any ISIS Papyrus location offering trainings or at customer site, provided appropriate facilities are available. Please contact ISIS Papyrus Marketing for arranging additional appointments.

Certification Maintenance Requirements:

Due to the dynamic environment in which individuals are certified as Papyrus Professionals, it is imperative for them to remain current with the enhancements and extensions of the Papyrus Platform. Therefore each certified Papyrus Professional is required to **be recertified every 3 years**.

Prerequisite for the certification renewal is the attendance of the 'Papyrus Correspondence / Administrator and Developer Workshops'. Thereafter, re-certification can be achieved at any certification date which will renew all certification levels acquired until that date by the applicant.

An additional certification level can be acquired only as long as a person is certified (within the 3 years). Otherwise the general re-certification need has to be first fulfilled. If successfully passed it authorizes the applicant to apply for higher levels.

Duration: 1 day
Time: 9-17

AUSTRIA

€ 600/USD 800

March	29
June	28
December	6

Papyrus Certified Professional Program

Service companies and individuals around the world have approached us to provide services to customers using the Papyrus Document System. To ensure that these professionals provide a high level of expertise, we have established the Papyrus Certification Program.

Eligibility:

To be accepted into one of the Papyrus Certification Programs, you must meet the following eligibility requirements:

Level I: Certified Papyrus Document Application Developer

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 Business Correspondence Solution: Building block definitions, document assembly, custom DOCDEF extensions
- Papyrus Client AFP viewing, prompting applications, text editor

ISIS Papyrus Standard Courses:

- Papyrus Document Designer and Formatting Workshop (mandatory)
- Papyrus Correspondence / Administrator and Developer Workshops (mandatory)

Level III: Certified Papyrus Capture Developer

Prerequisites:

- Certified Papyrus Systems Engineer
- Understanding scanning and imaging technologies (formats like TIFF, JPG, BMP; quality criteria, OCR/ICR)
- Complex variable inbound document analysis and capture strategy definition using Papyrus WebRepository
- Design of classification and extraction processes
- Document Workplace
- Skills in implementation of typical Capture Rules and validations

ISIS Papyrus Standard Courses:

- Papyrus Capture Solution Workshop including optional modules (mandatory)
- Papyrus Objects Developer Workshop (recommended)

Level II: Certified Papyrus Systems Engineer

Prerequisites:

- Certified Papyrus Document Application Developer with a minimum of 1 year Papyrus experience in the field
- Presenting two productive DOCDEF applications to the certification committee
- Papyrus Objects planning, design and configuration experience for end-to-end output management solutions
- Central and remote printing (IPDS, PCL, Postscript, ...) and distribution
- PrintPool/DocumentPool installation and basics of administration knowledge (SQL, PQL)
- Experience with Papyrus Output Management projects (bundling, distribution, postal optimizations)
- Archiving and output distribution using Papyrus Solutions

ISIS Papyrus Standard Courses:

- Papyrus Output Management Workshop (mandatory)
- Papyrus Objects System Administrator Workshop (recommended)

Level IV: Certified Papyrus Systems Consultant

Prerequisites:

- Certified Papyrus Capture Developer
- Minimum of 2 years Papyrus experience confirmed by 3 reference customers
- Presenting the reference installations as slide shows to the certification committee
- Competence in understanding and defining the requirements for a corporate document and business process system
- Presentation of the Papyrus Platform with a slide show to the certification committee
- Application development using Papyrus WebRepository

ISIS Papyrus Standard Courses:

- Papyrus Objects Developer Workshop (mandatory)
- Papyrus Experts Workshop/Module 1&2 (mandatory)

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 (digital on DVD)

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.

Registration

To register for a course, simply return the fax form attached with your details and signature or complete the online registration at www.isis-papyrus.com/training.

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

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. Please note that all our prices are quoted net and do not include local taxes.

Course guides (DVD or download) are included in the price.

All prices are excluding tax. Terms and conditions for ISIS Papyrus Services apply.

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.

Austria/Vienna



United States/Southlake, TX



UK/Kingsclere



Italy/Ivrea



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

Cologne
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Zurich

Singapore
Beijing
Shanghai
Taipei
Hong Kong



ISIS Papyrus Training Guide 2019

