ISIS Training Guide 2015

CONTENT

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 ISIS Papyrus 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 test.

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

The Papyrus Certification is awarded to professionals having passed 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

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E-mail: workshops@isis-papyrus.com

Contact: Janet NG, Course Coordinator

Excellence in hands-on workshops and courses

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.
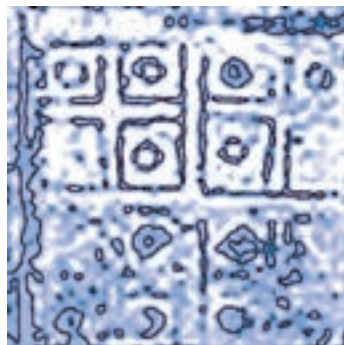
Registration

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

In case you prefer to register using a paper form please use the enclosed **Fax Registration Form 2015**.

Most workshops and courses are offered in English and German.

Papyrus Upgrade Workshop

Get in touch with new formatting and document creation capabilities of the Papyrus document system

Participants:
• Application developers
• Application analysts

Prerequisites:
• Papyrus Document Design and Formatting Workshop
• Experience in Papyrus application development

Goals:
• Gain knowledge of updated formatting capabilities
• Advantages and options of Papyrus Business Correspondence Solution
• Create, modify and administer resources in Papyrus WebRepository's Resource Collection
• Data interfaces for Papyrus WebRepository

AUSTRIA (German)
€ 900
March	23-25
June	15-17
November	9-11

AUSTRIA (English)
€ 900
March	16-18
June	15-17
November	2-4

USA (English)
USD 1000
April	27-29
September	9-11

SINGAPORE (English)
USD 1000
February	16-18
October	12-14

Papyrus Document Design 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 the use, the functions and the design tool to build complete statement applications

AUSTRIA (German)
€ 1900
March	16-20
June	22-26
October	12-16

AUSTRIA (English)
€ 1900
February	9-13
June	8-12
October	5-9

USA (English)
USD 2100
January	26-30
May	4-8
Sept./Oct.	28-2

SINGAPORE (English)
USD 2100
February	9-13
Sept./Oct.	28-2

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

AUSTRIA (German)
€ 1900
March	2-6
June	8-12
September	21-25
November	9-13

AUSTRIA (English)
€ 1900
January	26-30
April	20-24
September	7-11
November	2-6

USA (English)
USD 2100
March	16-20
September	14-18

SINGAPORE (English)
USD 2100
April	20-24
September	14-18
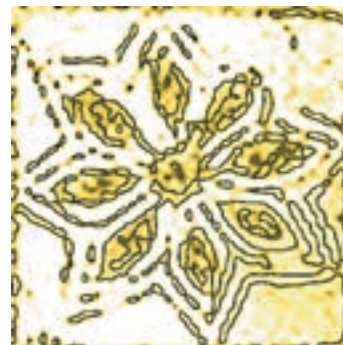
Papyrus Business Correspondence Solution Workshop

Configuration of Papyrus Business Correspondence Solution

Participants:
• Business Users
• Infrastructure administrators
• Solution developers

Prerequisites:
• Knowledge about business correspondence
For the system administration and configuration aspects:
• Object-orientation
• Papyrus Objects System Administrator Workshop
• Papyrus Document Design and Formatting Workshop

Goals:
• Conceptual understanding and usage of the Papyrus Correspondence Solution
• Adapt the Papyrus Correspondence Solution to individual company needs

AUSTRIA (German)
€ 1900
February	23-27
May	18-22
Sept./Oct.	28-2
December	14-18

AUSTRIA (English)
€ 1900
January	19-23
May	18-22
September	14-18
Nov./Dec.	30-4

USA (English)
USD 2100
March	23-27
September	21-25

SINGAPORE (English)
USD 2100
May	25-29
October	5-9
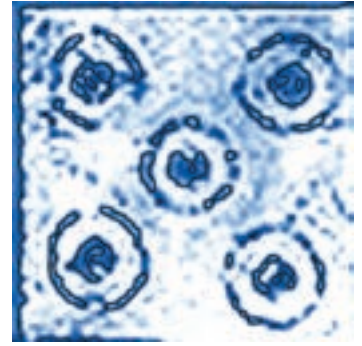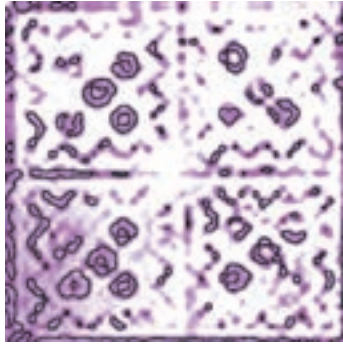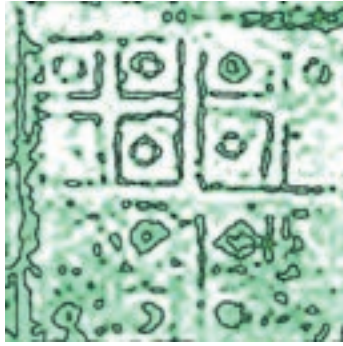
Papyrus Output Management Workshop

Develop output management applications for bundling, distribution, e-delivery, postal optimization, network printing and archiving

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
• Understanding of postal optimizing, bundling, output channel configuration and archiving

AUSTRIA (German)
€ 1900
| March/April | 30-3 |
| November | 23-27 |

AUSTRIA (English)
€ 1900
| April | 20-24 |
| November | 16-20 |

USA (English)
USD 2100
| March | 9-13 |
| October | 5-9 |

SINGAPORE (English)
USD 2100
Date on request

Papyrus Objects Developer Workshop

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

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

AUSTRIA (German)
€ 1900
| March | 9-13 |
| October | 19-23 |

AUSTRIA (English)
€ 1900
| March | 2-6 |
| October | 19-23 |

USA (English)
USD 2100
| May | 11-15 |
| October | 19-23 |

SINGAPORE (English)
USD 2100
Date on request

Papyrus Experts Workshop

Development of enhanced document and workflow applications using Papyrus WebRepository

Participants:
• Application developers
• Application analysts

Prerequisites:
• Papyrus Document Design and Formatting Workshop
• Papyrus Objects Developer Workshop

Goals:
• Using extended Papyrus Designer/DocEXEC features
• Accessing objects in the Papyrus WebRepository directly from DocEXEC
• Usage of the Papyrus Query Language (PQL)
• WebRepository-based Web applications using Papyrus Portal

AUSTRIA (German)
€ 900/€ 1350*
| April | 13-17 |
| November | 23-27 |

AUSTRIA (English)
€ 900/€ 1350*
| March/April | 30-3 |
| November | 16-20 |

USA (English)
USD 1000/USD 1500*
Date on request

SINGAPORE (English)
USD 1000/USD 1500*
Date on request

* Module Pricing:
Module 1: € 900/ USD 1000
Module 2: € 1350/ USD 1500

Papyrus Capture Solution Workshop

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: € 1900
March	23-27
June/July	29-3
October	12-16

AUSTRIA (English)
Module 1: € 1900
February	9-13
July	6-10
Nov./Dec.	30-4

USA (English)
Module 1: USD 2100
Date on request
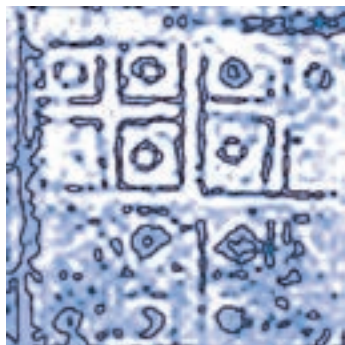
SINGAPORE (English)
Module 1: USD 2100
Date on request

Module Pricing:
Mod. 2 - Designer FixForm
€ 900/USD 1000
Mod. 3 - Designer FreeForm®
€ 900/USD 1000
Date on request

Papyrus Upgrade Workshop

Get in touch with new formatting and document creation capabilities of the Papyrus document system

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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E-mail: workshops@isis-papyrus.com

AUSTRIA (German)
€ 900

March	23-25
June	15-17
November	9-11

AUSTRIA (English)
€ 900

March	16-18
June	15-17
November	2-4

USA (English)
USD 1000

April	27-29
September	9-11

SINGAPORE (English)
USD 1000

February	16-18
October	12-14

Duration: 3 days
Time: Mo 11–17, Tu-We 9–17

Participants:

- Application developers
- Application analysts

Prerequisites:

- Papyrus Document Design and Formatting Workshop
- Experience in Papyrus application development

Goals:

- Gain knowledge of updated formatting capabilities of Papyrus Document Designer/DocEXEC
- Give Papyrus document developers an understanding of the advantages and options of Papyrus Business Correspondence Solution
- Ability to create, modify and administer resources in Papyrus WebRepository's Resource Collection
- Conceptual understanding of data interfaces for Papyrus WebRepository

Content:

Papyrus Document Designer and DocEXEC features:

- Create hyperlinks, embed sound and video files with STICKER command
- Usage of external TrueType fonts (TTF) throughout the document life cycle (AFP–PDF–PDF-in)
- Usage of barcode types PDF417, QR, Datamatrix, Maxicode
- Size calculation of dynamically formatted output for optimized message placement with PURGE command
- Usage of color profiles with CMRPROFILE command
- Define text styles like bullet lists with TEXTSTYLE command
- Install hyphenation and spellchecking libraries
- Interactive document applications with Papyrus Client Canvas:
    - implement links for document-internal navigation
    - Tablet signature support with IMAGEPROMPT command
    - copy&paste images from clipboard into TEXTPROMPT command
    - create barcode, tables and boxes with CANVAS command

Document template building by the Business Document Administrator:

- Create building blocks with Papyrus EYE Widgets-based user interface (without Papyrus Designer)
- Create document templates from building blocks
- Administer building block templates
- Change management to release templates into the production process

Document creation by the Business User Clerk:

- Letter writing by means of predefined document templates

Papyrus WebRepository's Resource Collection:

- Difference between file-based Resource Library and Resource Collection and its advantages
- Resources in the context of versioning and change management
- Import of external resources
- Creation and activation of new resource versions
- Deactivate resources by defining a From/To validity period
- Administer resources with Resource Explorer
- Modify resources (pagesegments, overlays, fonts) from within Resource Explorer

Data interfaces for Papyrus WebRepository:

- Concept of data interfaces for Papyrus WebRepository
- Presentation of a selection of data interfaces

Papyrus Document Design and Formatting Workshop

Development of formatted document and statement applications

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 the use, the functions and the design tool 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: 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 Pagesegments, image editing
- Font Editor: Font types (raster and outline), Font resources (coded font, codepage, character set), Font editing
- FontConverter: Conversion of True Type 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 macros
- 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

Text document with variables:
- Various data formats in ASCII, EBCDIC, etc.
- Conditional control based on data
- Multi-language applications
- Embedding graphics and signatures

Developing business documents and reports:
- Process 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
- How to define a document AFP index

Introduction to the Papyrus WebRepository:
- Launching Papyrus Designer Suite from Papyrus WebRepository using Papyrus Desktop
- Managing resources
- Version control
- Setting up Tasks
- Project administration using Papyrus Desktop

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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Sept./Oct.	28-2

SINGAPORE (English)
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February	9-13
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September   21-25
November   9-13

AUSTRIA (English)
€ 1900
January   26-30
April   20-24
September   7-11
November   2-6

USA (English)
USD 2100
March   16-20
September   14-18

SINGAPORE (English)
USD 2100
April   20-24
September   14-18

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

Goals:

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

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
- Scalability, load balancing and reliability
- Definition of backup procedures
- Preparing for production with checklist

System analysis and monitoring:
- Analysis with Application Analyzer (APA)
- Using PCS monitor and kernel traces
- Performance and bandwidth considerations
- Tuning of applications

Papyrus Frameworks:
- Understanding the use of Templates
- Understanding basic concepts: Task, Tool, Material
- Task structures in the various frameworks
- Modular Framework components
- Usage of Activity Recorder/Player
- 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
- 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:
- Using the standard views
- Use standard plugins

Papyrus Business Correspondence Solution Workshop

Configuration of Papyrus business correspondence solutions

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

Participants:

- Business Users responsible for document template administration, release and test management, letter writing
- Infrastructure administrators
- Solution developers

Prerequisites:

- Domain specific knowledge about business correspondence

For the system administration and configuration aspects:
- Experience in object-orientation
- Papyrus Objects System Administrator Workshop
- Papyrus Document Design and Formatting Workshop

Goals:

- Conceptual understanding and usage of the Papyrus Correspondence Solution
- Ability to install, administrate and customize Papyrus Correspondence Solution in order to implement individual Enterprise Business Correspondence applications

Content:

System administration:
- Infrastructure consideration: technical and functional requirements
- Papyrus Node architecture
- System setup by means of ready-to-use framework templates
- System configuration using settings
- User creation and configuration
- User Interface administration
- Process monitoring, tracking, auditing, report generation
- Definition of Tenant, Variables, etc.

Document administration:
- Document administration using the Papyrus business user interfaces
- Creation of building blocks and document templates
- Definition of Wizards using form design components
- Flexible composition of documents using Papyrus Wizards
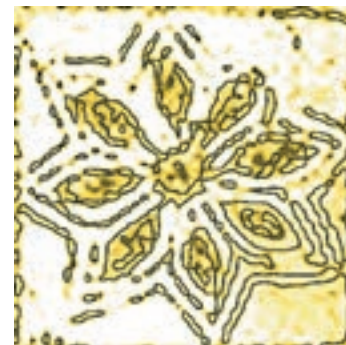- Change and Release Management workflow

Letter writing:
- Interactive letter writing by means of the Papyrus business user interfaces
- Usage of predefined document templates for letter writing
- Usage of Wizard for individual letter writing with predefined components
- Inter-department letter exchange: Sticker functionality

System development:
- Functional enhancements: implementation of new building blocks
- Align DOCDEF code with new formatting requirements
- Create individual data reading routines

Business integration:
- Coupling of business data with correspondence applications by means of Adapters and Type Managers (XML Adapter)
- Graphical User Interface Integration options with Papyrus WebPortal: Papyrus Desktop/EYE Widgets or Browser

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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December	14-18

AUSTRIA (English)
€ 1900
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September	14-18
Nov./Dec.	30-4

USA (English)
USD 2100
March	23-27
September	21-25

SINGAPORE (English)
USD 2100
May	25-29
October	5-9

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AUSTRIA (German)
   € 1900
     March/April   30-3
     November   23-27

AUSTRIA (English)
   € 1900
     April   20-24
     November   16-20

USA (English)
   USD 2100
     March   9-13
     October   5-9

SINGAPORE (English)
   USD 2100
     Date on request

Papyrus Output Management Workshop

Using PrintPool for bundling, distribution, sorting and postal optimization
Using ADF 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 Design and Formatting Workshop
- Papyrus Objects System Administrator Workshop

Goals:

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

Content:

System introduction:
- Papyrus system architecture
- Bundling options
- Distribution options
- Intranet options

Platform possibilities:
- Papyrus PrintPool using Papyrus WebRepository Depot or external databases
- Setup of Papyrus PrintPool on Windows, UNIX and z/OS
- Receiving output from batch, CICS, PC/LAN using Papyrus Adapters

Bundling techniques:
- Pre- versus post-bundling of documents
- Definition of document indices
- Defining bundling algorithms in Papyrus Designer
- Envelope bundling and postal discount optimization
- Conditional bundling
- Print or distribution controls
- Reprinting options

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

Papyrus WebRepository options:
- PrintPool using the Papyrus Depot
- Type Manager DB interfaces

Planning for the installation:
- Choosing the right platform
- Estimate database sizes
- Estimate disk space requirements
- Estimate process times
- Future migration options

Viewing of an AFP document:
- Use the Papyrus AFP Viewer for tests
- Print to local PC printers
- Verify application print resources
- PDF viewing

Potential for SAP:
- Data interfaces (OTF and RDI)
- Bundling SAP documents
- SAP postal optimization

Network printing options:
- Printing documents to IPDS
- Printing documents to PCL and PS
- Printing documents to PC 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

Papyrus document archiving and Web 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
- Converting AFP to PDF, GIF, TIFF
- WebPortal Setup

Campaign management options:
- White space detection for optimized message placing
- Configure Papyrus AFP Tuner

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 assembly using state machines

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

Papyrus Desktop:
- Desktop functions
- Papyrus Desktop as User Interface for class and template development
- Defining a session
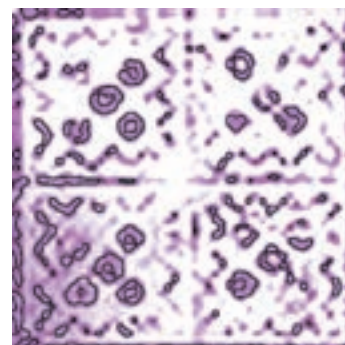- Creating views

Papyrus Adapter techniques:
- MQSeries Receiver
- File Receiver
- XML Receiver
- SOAP Receiver

Papyrus Query Language (PQL):
- PQL as script language
- Query and update attributes
- Call functions and methods

Papyrus WebPortal:
- Configuration of WebPortal
- Definition of WebPortal applications
- Introduction to GUI creation with Papyrus EYE Widgets
- Building an EYE Widgets workplace

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 use the attached fax form or 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)
€ 1900
March	9-13
October	19-23

AUSTRIA (English)
€ 1900
March	2-6
October	19-23

USA (English)
USD 2100
May	11-15
October	19-23

SINGAPORE (English)
USD 2100
Date on request

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AUSTRIA (German)
€ 900/€ 1350*
April   13-17
November   23-27

AUSTRIA (English)
€ 900/€ 1350*
March/April   30-3
November   16-20

USA (English)
USD 1000/USD 1500*
Date on request

SINGAPORE (English)
USD 1000/USD 1500*
Date on request

* Module Pricing:
Module 1: € 900/ USD 1000
Module 2: € 1350/ USD 1500

Papyrus Experts Workshop

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 Design 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
- Familiarity with accessing object definitions in the Papyrus WebRepository directly from DocEXEC
- Use of the Papyrus Query Language (PQL) of the Repository
- Defining Repository-based Web applications using Papyrus EYE Widgets

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)
- Tagged data formats like HTML
- COBOL copy book data
- EDIFACT data
- Xerox DJDE data
- Structured variable arrays
- Advanced page break handling
- Barcodes (2D, QR)
- Conditional data processing

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

Papyrus Query Language (PQL):
- Advanced lessons on PQL
- Using the Papyrus Kernel menu for PQL scripting
- Using the Papyrus Desktop for PQL scripting
- PQL concepts and guidelines (system attributes, PQL set, variables, operators, selectors and navigation)
- Search, conditions – IF statement, iteration – FOREACH loop
- Calling methods
- Date/time functions
- Call nested PQLs

Papyrus Portal applications:
- Advanced Papyrus EYE Widgets lessons
- Web applications using Papyrus EYE Widgets
- Creation of views with Papyrus EYE Widgets
- Using views via Portal and Desktop
- How to call an Papyrus EYE Widgets layout

Papyrus Capture Solution Workshop

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
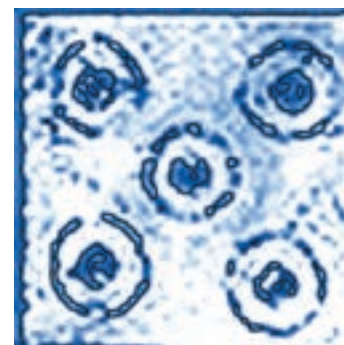- Operate the system by means of client workplaces

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

AUSTRIA (German)
    Module 1: € 1900

March	23-27
June/July	29-3
October	12-16

AUSTRIA (English)
    Module 1: € 1900

February	9-13
July	6-10
Nov./Dec.	30-4

USA (English)
    Module 1: USD 2100
Date on request

SINGAPORE (English)
    Module 1: USD 2100
Date on request

Module Pricing:
Mod. 2 - Designer FixForm
    € 900/USD 1000
Mod. 3 - Designer FreeForm®
    € 900/USD 1000
Date on request

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 € 500/ USD 600.

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 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.**

Prerequisites for the certification renewal are the attendance of the 'Papyrus Upgrade Workshop' and the 'Papyrus Experts Workshop/Module 1 & 2'. Thereafter, recertification can be achieved at any certification date.

For further questions, please contact us:

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

Duration: 1 day
Time: 9–17

AUSTRIA
€ 500/USD 600
March 20
June 19
October 9

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.

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

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

Level I: Certified Papyrus Application Developer
Required skills:
- Understanding of AFPDS and AFP-Triplets, PPFA (OGL, PAGEDEF/ FORMDEF), Pagesegments/Images, AFP-Fonts, resolutions and codepages
- Complex dynamic DOCDEF document application design, charts, tables, text formatting, logic definitions, consolidated document development
- Reading of different input data formats (linemode, ASCII/EBCDIC, DJDE, SAP, XML, etc.)
- Basics of Postprocessing/Papyrus PrintPool, indexing, AFP import, database access, barcodes/OMR
- Papyrus Client AFP viewing, prompting applications, text editor

Recommended ISIS Papyrus Standard Courses:
- Papyrus Document Design and Formatting Workshop
- Papyrus Experts Workshop/ Module 1 (M1E)

Level III: Certified Papyrus Capture Developer
Required skills:
- 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
- Design of ergonomic completion masks within Papyrus WebPortal
- Skills in implementation of typical Capture Rules and validations

Recommended ISIS Papyrus Standard Courses:
- Papyrus Capture Solution Workshop including optional modules
- Papyrus Objects System Administrator Workshop

Level II: Certified Papyrus Systems Engineer
Required skills:
- Certified Papyrus Application Developer with a minimum of 1 year Papyrus experience in the field
- Presenting two productive DOCDEF applications to the Certification Commission
- Papyrus Objects planning, design and configuration experience for end-to-end print management solutions
- Central and remote printing (IPDS, PCL, Postscript, ...) and distribution
- Printpool installation and basics of administration knowledge (SQL, PQL)
- Experience with Papyrus Output Management projects (bundling, distribution, postal optimizations)
- Archiving and output distribution using Internet technology

Recommended ISIS Papyrus Standard Courses:
- Papyrus Output Management Workshop
- Papyrus Objects Developer Workshop

Level IV: Certified Papyrus Systems Consultant
Required skills:
- Certified Papyrus Application Developer
- Certified Papyrus Systems Engineer
- Certified Papyrus Capture Developer
- Minimum of 2 years Papyrus experience confirmed by 3 references of successful implementations of the complete Papyrus Platform
- Presenting the reference installations as slide shows to the Certification Commission
- Competence in understanding and defining the corporate document system requirements
- Knowledge of commonly used legacy document systems
- Presenting the Papyrus Platform
- Document process support using Papyrus WebRepository

Recommended ISIS Papyrus Standard Courses:
- Papyrus Business Correspondence Solution Workshop
- Papyrus Experts Workshop/ Module 2 (M2E)

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 samples
- Course Guides (electronic 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 accurate 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 (electronic on DVD) are included in the price.

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

ISIS 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 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	**April 26-28**	**Italy/Ivrea**	**May 29**
United States/Southlake, TX	**May 17-19**	**UK/Kingsclere**	**June 18**

ISIS 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	**June 2**	**Cologne**	**June 9**	**Singapore**	**June 30**
Brussels	**June 3**	**Frankfurt/Main**	**June 10**	**Beijing**	**July 7**
Amsterdam	**June 4**	**Zurich**	**June 11**	**Shanghai**	**July 9**
		Copenhagen	**June 15**	**Taipei**	**July 14**
		Stockholm	**June 16**	**Hong Kong**	**July 16**

ISIS Training Guide 2015