

FAEDS 2005 NWRDC Session Summary

CICS and the Web (Steve Menard)

Overview

An introduction into how the mainframe CICS system can interface with the World Wide Web. This will be powerpoint presentation, and a printed handout will be provided.

Learning Objectives

Learn how to use CICS to support web applications to:

- Harvest CICS COBOL business logic for NEON's Shadow Web and IBM'S Websphere
- Produce HTML versions of 3270 screens
- Write web aware CICS programs that harvest:
 - CICS COBOL business logic
 - CICS 3270 based application data
- Produce HTML from a CICS COBOL program

All subject areas feature theoretical discussions mixed with actual code examples.

Audience

Anyone interested in how the traditional CICS system can interface with the modern presentation facilities.

Prerequisites

COBOL and CICS experience would be a plus.

Course duration

Two 50-minute sessions

CICS Debugging (Steve Menard)

Overview

CICS debugging at the NWRDC will be discussed. The products CA-INTERTEST and CA-SYMDUMP will be covered as well as traditional IBM debugging facilities. This will be powerpoint presentation, and a printed handout will be provided.

Learning Objectives

Learn how to debug CICS COBOL programs with:

- CICS's CEDF and CEDX transactions
- CA's INTERTEST debugging tool

Learn how to use CA-SYMDUMP to diagnose application abnormal terminations.

Audience

Anyone interested in CICS debugging.

Prerequisites

COBOL and CICS experience would be a plus.

Course duration

One 50-minute session

DB2 Introduction and Access Summary (Chip Pollock)

Overview

The subject of this class is DB2 at the NWRDC. This will be powerpoint presentation, and a printed handout will be provided.

Learning Objectives

Attend this session and learn how DB2 is implemented at NWRDC. A brief introduction of DB2 concepts will lead to a discussion of the various interface methods utilized by our customers, including COBOL, Easytrieve Plus (with PanSql), CICS, REXX, SAS, FOCUS, Websphere, JAVA and ODBC connections.

Audience

Anyone interested on DB2 at the NWRDC.

Prerequisites

None

Course duration

One 50-minute session

DB2 Tools at the NWRDC (Chip Pollock)

Overview

The subjects of this class are the things that make DB2 work at the NWRDC. This will be powerpoint presentation, and a printed handout will be provided.

Learning Objectives

This session will focus on the extensive set of utilities, vendor software, productivity tools and administrative products in use at the datacenter. An overview of the following will be included: IBM utilities, Princeton Softech's Access and Move, IBM's DASD for DB2, SPUFI, QMF, CA's Insight and the BMC Administrative tools Catalog Manager, Alter and Log Master.

Audience

Anyone interested in DB2 at the NWRDC.

Prerequisites

None

Course duration

One 50-minute session

TSO ISPF at the NWRDC (Paul Bageant)

Overview

We will cover TSO and its ISPF subsystem. We will also cover the IOF output monitor and the ISPF EDITOR. This will be powerpoint presentation, and a printed handout will be provided.

Learning Objectives

Learn how to customize your ISPF session, learn editing techniques and review the options available at NWRDC. Session 2 will continue with the ISPF options and introduce IOF.

Audience

Anyone who uses ISPF at NWRDC

Prerequisites

None, some TSO experience a plus

Course duration

Two 50-minute sessions

Basic Encryption Concepts (Joe Peresich)

Overview

Get an overview of the world of encryption. This will be powerpoint presentation, and a printed handout will be provided.

Learning Objectives

Learn how to use ciphers and hashes, Public Key Cryptography, Secure Sockets Layer, Pretty Good Privacy, Digital Certificates, etc., and how they are used to secure NWRDC host access via the Web, TN3270, and FTP.

Audience

Anyone who is interested in encryption.

Prerequisites

None

Course duration

Two 50-minute sessions

FTP – File Transfer Protocol at NWRDC (Joe Peresich)

Overview

This session will cover File Transfer Protocol concepts and how to use the standard to exchange files with NWRDC and other Internet hosts. This will be powerpoint presentation, and a printed handout will be provided.

Learning Objectives

Multi-platform considerations such as character translation, preserving file & record structure, and other important points will be discussed. Many basic examples will be provided, plus examples of extended functions such as SQL and JES2.

Audience

Anyone involved with FTP at NWRDC

Prerequisites

None

Course duration

One 50-minute session

PGP – Pretty Good Privacy Encryption (Joe Peresich)

Overview

This session will cover how to use PGP at the NWRDC. This will be powerpoint presentation, and a printed handout will be provided.

Learning Objectives

The concept of PGP will be covered during this session and a complete set of examples will be demonstrated showing how to implement the application at NWRDC using our McAfee E-Business Server OS/390 product

Audience

Anyone interested in PGP concepts

Prerequisites

None

Course duration

One 50-minute session
