

# IFS

The integrated file system is a part of OS/400(R) that lets you support stream input/output and storage management similar to personal computer and UNIX(R) operating systems, while providing you with an integrating structure over all information stored in the server. The integrated file system is a part of OS/400 that supports stream input/output and storage management similar to personal computer and UNIX operating systems, while providing an integrating structure over all information stored in your server. The integrated file system is comprised of 11 file systems, each with their own set of logical structures and rules for interacting with information in storage.

## Integrated File F06 Miami Sessions: Thursday, 9/21/2006

**31MN: Tue 8 - 9:15, B213, Miami Conv Ctr**

**ID:440137**

**Level:**  
Beginner

**Course:**  
IFS

**Speaker:**  
Timothy Clark  
IBM Corporation

Learn the fundamentals of the OS/400 Integrated File System (IFS). This is for you if you don't know much about the IFS, or just want a refresher or a good pre-requisite for other IFS sessions. Topics include stream files, directories, path names, links, commands, APIs, GUI, file systems, mount/unmount, and more.

By the end of this session, attendees will be able to:

1. See the purpose of the IFS.
2. Work with the IFS.
3. Attend more advanced sessions on the IFS.

## Integrated File System Security

**36MN: Tue 3:30 - 4:45, B213, Miami Conv Ctr**

**ID:440138**

**Level:**  
Beginner

**Course:**  
IFS

**Speaker:**  
Timothy Clark  
IBM Corporation

Learn a wealth of information about i5/OS Integrated File System (IFS) security. This session covers both fundamental and advanced security topics designed to help you manage and improve the security of your IFS. Topics include blending UNIX, PC, and i5/OS authorities, using security commands, APIs, GUIs and tools, security for created objects, auditing, virus scanning, controlling remote access and more.

## iSeries NetServer: Easy Access to Data

**35MG: Tue 2 - 3:15, B119, Miami Conv Ctr**

**ID:406170**

**Level:**  
Intermediate

**Course:**  
IFS

**Speaker:**  
Charles Emig  
IBM Corporation

The iSeries is a Windows file and print server! iSeries NetServer allows Windows and Linux/Samba clients to access the iSeries integrated file system(IFS) and output queues for all your file serving and printing needs. Learn how to leverage your iSeries for these critical functions.

This session covers basic through advanced topics related to iSeries Support for Windows Network Neighborhood (iSeries NetServer).

By the end of this session, attendees will be able to:

1. Configure an iSeries for iSeries NetServer for file and print serving.
2. Configure some popular clients for connection to the iSeries NetServer.
3. Understand authentication, security and administration issues related to iSeries NetServer.
4. Understand new features of iSeries NetServer.

## iSeries Distributed File Systems: NFS, QNTC, QFileSrv.400

**45MB: Wed 2 - 3:15, B114, Miami Conv Ctr**

**ID:403160**

**Level:**  
Beginner

**Course:**  
IFS

**Speaker:**  
Charles Emig  
IBM Corporation

Is your file where you think it is? The iSeries Integrated File System(IFS) provides several distributed file systems that allow you to transparently access data on other computers in your network. This session describes the iSeries distributed file systems (NFS, QNTC, and QFileSrv.400) and the configuration needed to start using them.

By the end of this session, attendees will be able to:

1. Know what distributed file systems are available and how they fit into the IFS.
2. Know the advantages, disadvantages and new features of each distributed file system.
3. Know how to configure a basic connection to another computer using each distributed file system.

## F06 Miami Sessions: Thursday, 9/21/2006

### Integrated File System: Advanced

#### Topics

**46MB: Wed 3:30 - 4:45, B114, Miami Conv Ctr**

**ID:401194**

**Level:**

All

**Course:**

IFS

**Speaker:**

Timothy Clark  
IBM Corporation

This is a follow-on to the "Integrated File System: Fundamentals" session and will cover topics designed to help you use the IFS more effectively and efficiently. Topics include user-defined file systems, object usage tracking, retrieving object attribute information, national language support, virus scanning, file system performance and maintenance, powerful IFS APIs and commands, and more.

### OPEN LAB: Integrated File System and File Servers

**51LA: Thu 8 - 9:15, A205, Miami Conv Ctr**

**52LA: Thu 9:30 - 10:45, A205, Miami Conv Ctr**

**ID:460142**

**Level:**

All

**Course:**

IFS

**Speakers:**

Timothy Clark  
IBM Corporation  
Charles Emig  
IBM Corporation

Get hands-on experience with the Integrated File System and File Servers. Choose from the following topics:

1. Accessing IFS - General
2. Accessing IFS - ASPs
3. Who's Using My Object?
4. Copying in the IFS - Authority Considerations
5. IFS Journaling
6. IFS Security
7. IFS Remote File Systems: NFS, QNTC, QFileSvr.400
8. Using RTVDIRINF results

Each topic has exercises for you to perform. Come give them a try and ask questions. Or stop in and try your own thing with the experts here to help you.