



How do most organizations move files today?

- Most organizations rely on a mix of homegrown code, several legacy products and different technologies ... and even people!
- FTP
 - Typically File Transfer Protocol (FTP) is combined with writing and maintaining homegrown code to address its limitations
- Why is FTP use so widespread?
 - FTP is widely available Lowest common denominator
 - Promises a quick fix repent at leisure
 - Simple concepts low technical skills needed to get started
 - FTP products seem "free", simple, intuitive and ubiquitous



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How do most organizations move files today?

- Legacy File Transfer products
 - A combination of products often used to provide silo solutions
 - Often based on proprietary versions of FTP
 protocol
 - Can't transport other forms of data besides files
 - Usually well integrated with B2B but rarely able to work with the rest of the IT infrastructure – especially with SOA
- People
 - From IT Staff to Business staff and even Security Personnel
 - Using a combination of email, fax, phone, mail, memory keys...



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Explorer Create New Managed File Transfer	SHAR
New Transfer Totrs source agent, destination agent, and all file names to create a transfer.	 Graphical user interface that allows: Operators to create ad-hoc file transfers to satisfy a particular business need
Pier nerve: exc2.sp Image: Specific system that have the same name Image: Specific system that have the same name Image: Specific system that have the same name Image: Specific system that have the same name Image: Specific system that have the same name Image: Specific system that have the same name Image: Specific system that have the same name Image: Specific system that have the same name Image: Specific system that have the same name Image: Specific system that have the same name Image: Specific system that have the same name Image: Specific system that have the same name Image: Specific system that have the same name Image: Specific system that have the same name Image: Specific system that have the same name Image: Specific system that have the same name Image: Specific system that have the same name Image: Specific system that have the same name Image: Specific system that have that have the same name Image: Specific system that have	 File transfers can: Specify code page conversion Group together multiple files into a single transfer Recursively move directory structures









á	and also Job Control Language (JCL)
	el Service A. (faite)
	BROWSE PRESTOR.FTE.JCL Line 00000000 Col 001 080 //WMOFTE EXEC PGM=JVMLDM50.REGION=0M,PARM='+T' //STEPLIB DD DSN=FTEUSER.SIEALNKE,DISP=SHR JVMLDM50 // DD DSN=MQM,V700.SCSQ0HLE,DISP=SHR MO Bindings // DD DSN=MQM,V700.SCSQ0HLE,DISP=SHR MO Bindings // DD DSN=MQM,V700.SCSQ0HLE,DISP=SHR MO Bindings // DD DSN=MQM,V700.SCSQ0HLE,DISP=SHR MO Bindings // STODUT DD SYSOUT=H //SYSPRINT DD SYSOUT=H //STDERN DD SYSOUT=H //STDENN DD * set -x . /etc/profile export JAVA_MOME='/u/fteuser/J5.0" export PATH="/bin:E(JAVA_HOME)/bin" LIBPATH="/lib:/JaVA_HOME/bin:E(JAVA_HOME)/bin/classic" LIBPATH="fluiBPATH":fullBPATH):/mqm/VTROM0/java/lib"
	export LIBPATH Command ===> Scroll ===> <u>PAGE</u>
	F1=Help F2=Split F3=Exit F5=Rfind F7=Up F8=Down F9=Swap











































Options to convert data betwee and messages	en files
WMQ FTE	 One file becomes one message
One file to a group of messages	 File can be split based on: Size Binary delimiter Regular expression
One message to one file	
WMQ FTE	One message becomes one file
A group of messages (or all messages on the queue) to one file	Optionally, a delimiter can be inserted between each message composing a file



Agents &	Database Log	ger as Windov	ws Servic	e 🧉
0		0		SHARE Tabatag - Consider - Result
File Action View	w Help			
🤹 Services (Local)	🍇 Services (Local)			
	IBM WMQFTE agent AGENT1@qm1	Name A	Description Status	Startup Type
	Start the service	Human Interface Device Access	Enables ge Provides st Started	Disabled Automatic
	Description: IBM WebSphere MQ File Transfer Edition (WMQFTE) agent.	HEM WMQFTE agent AGENT1@qm1 MAPI CD-Burning COM Service Mindexing Service (Mindexing Services (Mat onical Dick Manager	IBM WebS Started Manages C Indexes co Manages I Started Detects an Started	Automatic Manual Manual Automatic Automatic
 Increases a by: 	ivaliability of FIE a	agent and Databa	se Logger co	omponents
• Automati	cally starting the con	nnonents when the	Windows syst	tom starts-un
- Automati	cally starting the con	omnonont ofter a fa	iluro	iem stans-up
 Automati 	cally restarting the o	omponent alter a la	liule	JAANE







	Monday	Tuesday	Wednesday	Thursday	Friday
:00			More than a buzzword: Extending the reach of your MQ messaging with Web 2.0	Batch, local, remote, and traditional MVS - file processing in Message Broker	Lyn's Story Time - Avoiding the MQ Problems Others have Hit
:30		WebSphere MQ 101: Introduction to the world's leading messaging provider	The Do's and Don'ts of Queue Manager Performance	So, what else can I do? - MQ API beyond the basics	MQ Project Planning Session
00		MO Publish/Subscribe	The Do's and Don'ts of Message Broker Performance	Diagnosing problems for Message Broker	What's new for the MQ Family and Message Broker
15	MQ-Freeblest Tep 5 SupportPacs	The doctor is in. Hands- on lab and lots of help with the MQ family		Using the WMQ V7 Verbs in CICS Programs	
30	Diagnosing problems for MQ	WebSphere Message Broker 101: The Swiss army knile for application integration	The Dark Side of Monitoring MQ - SMF 115 and 116 record reading and interpretation	Getting your MQ JMS applications running, with or without WAS	
00	Keeping your eye on it all Queue Manager Monitoring & Auditing	The MQ APL for dummies - the basics	Under the hood of Message Broker on z/OS - WLM, SMF and more	Message Broker Patterns - Generate applications in an instant	
30	Message Broker administration for You are HERE	All About WebSphere MQ File Transfer Edition	For your eyes only - WebSphere MQ Advanced Message Security	Keeping your MQ service up and running - Queue Manager clustering	
0			Free MQ! - MQ Clients and what you can do with them	MQ Q-Box - Open Microphone to ask the experts questions	

