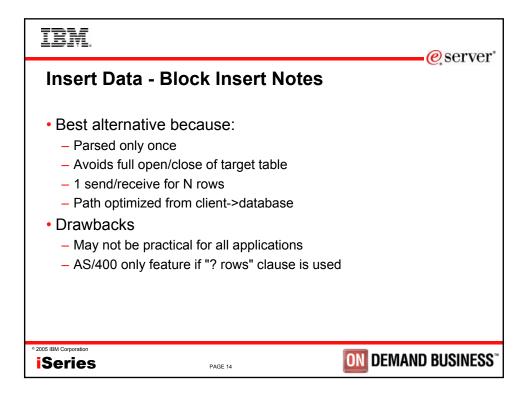
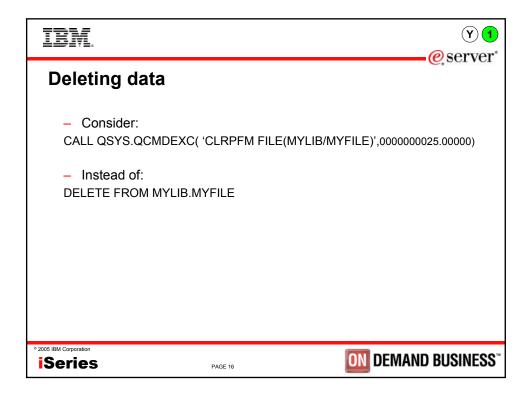


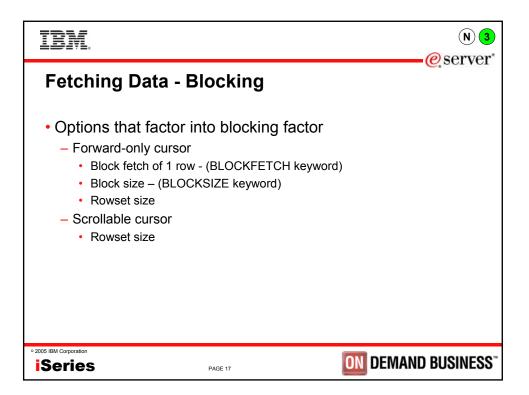
IBM.	
Insert Data - Prepare Once, Execute Many	e server
strcpy(stmt,"insert into IBMLIB.TAB1 values (?,?,?)"); rc = SQLPrepare(hStmt,stmt,SQL_NTS);	
/* Specify the bindings for each parameter */ rc = SQLBindParameter(hStmt,);	
<pre>for (i=0;i<row_count;i++) *="" corresponding="" for="" markers="" parameter="" pre="" rc="SQLExecute(hStmt);" set="" strcpy(col1,value);="" variables="" {="" }<=""></row_count;i++)></pre>	
• 2005 IBM Corporation iSeries PAGE 12	D BUSINESS"

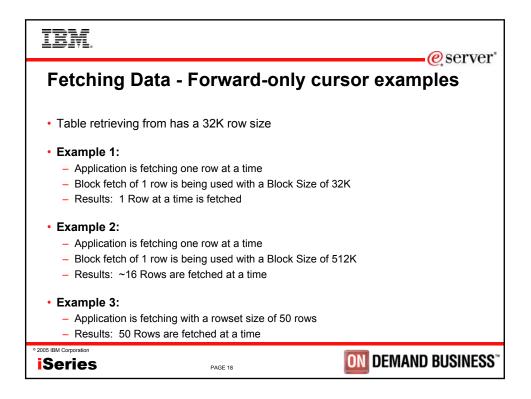
IBM.	
Insert Data – Block Insert	e server
<pre>strcpy(stmt,"insert into IBMLIB.TAB1 values (?,?,?)"); rc = SQLPrepare(hStmt,stmt,SQL_NTS);</pre>	
rc = SQLSetStmtAttr(hStmt,SQL_ATTR_PARAMSET_SIZE, (PTR)ROW_COUNT,SQL_IS_INTEGER);	
/* Specify the bindings for each parameter */ rc = SQLBindParameter(hStmt,);	
<pre>for (i=0;i<row_count;i++) *="" corresponding="" for="" markers="" parameter="" rc="SQLExecute(hStmt);</pre" set="" strcpy(col1[i],value);="" variables="" {="" }=""></row_count;i++)></pre>	
• 2005 IBM Corporation ISeries PAGE 13	ND BUSINESS"

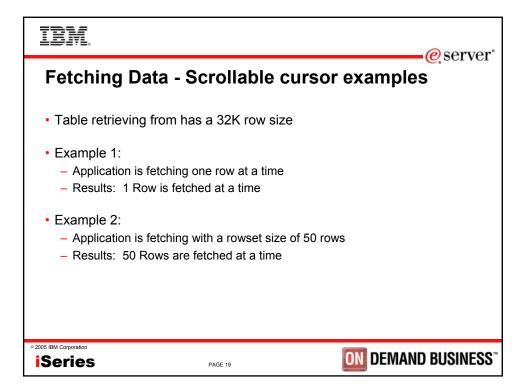


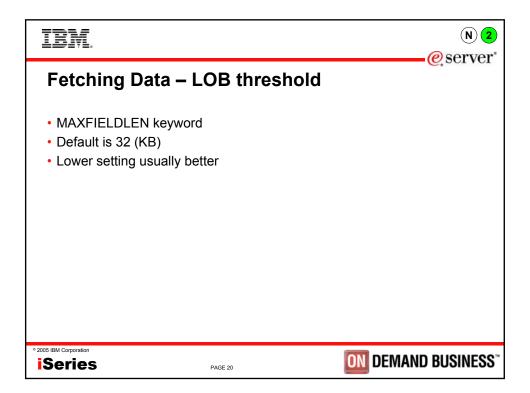
IBM.		e server
Block Ins	ert Performance	
For 500 36-	-byte rows with three columns	
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	Response Time	
• 2005 IBM Corporation	PAGE 15	DEMAND BUSINESS ^{**}

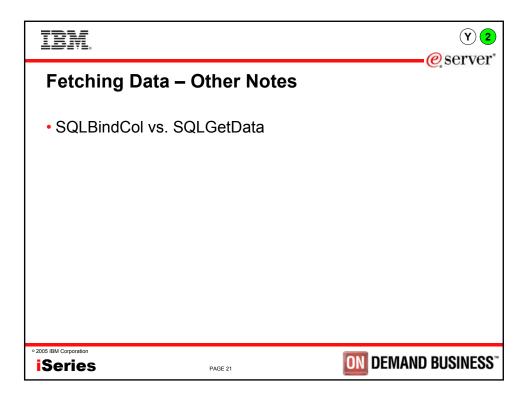


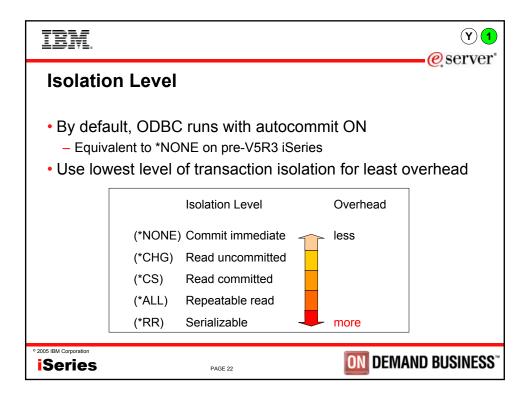


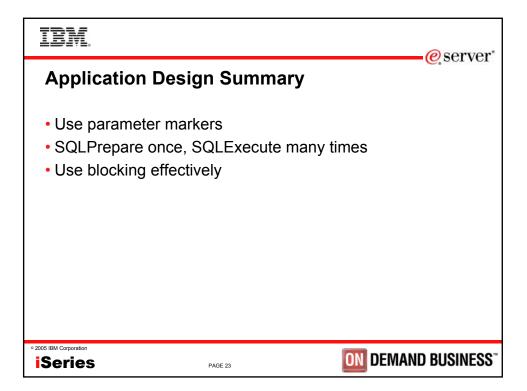


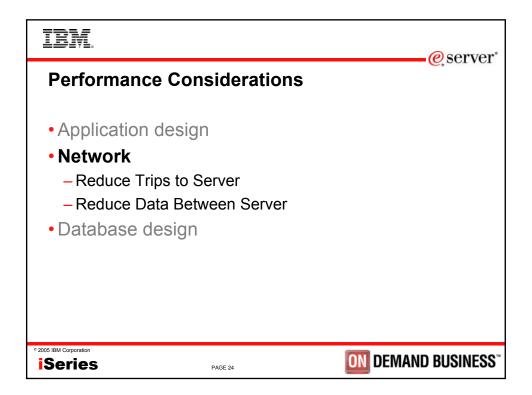


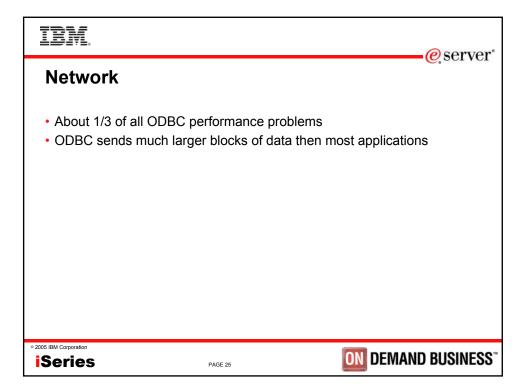


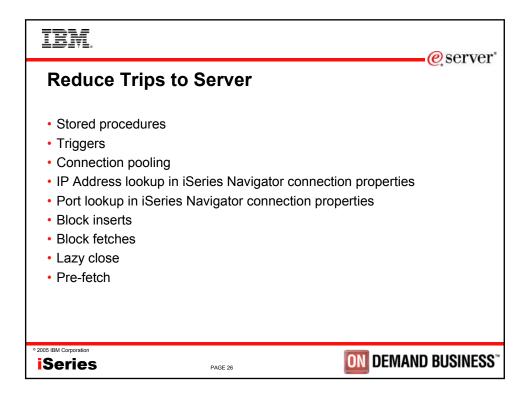


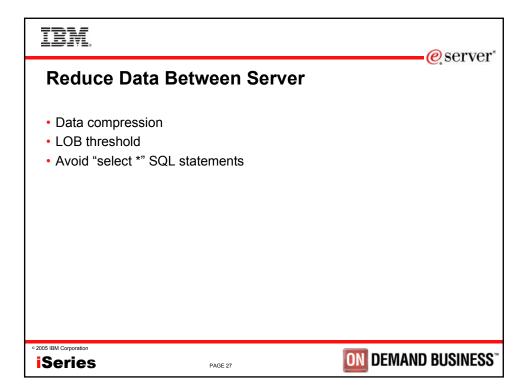


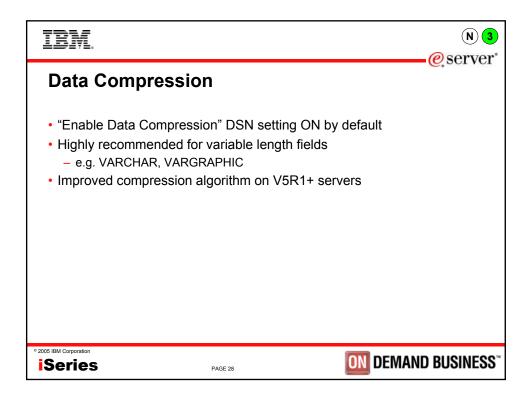






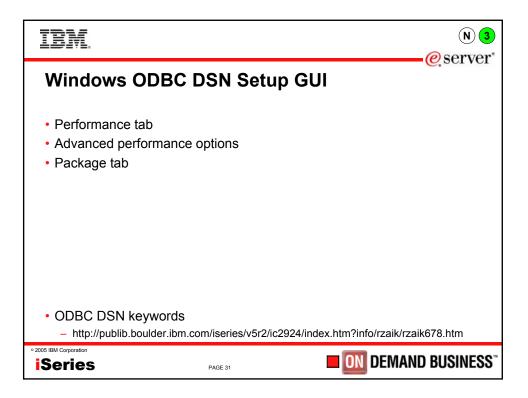




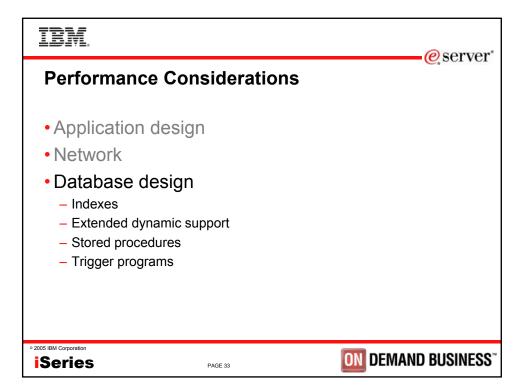


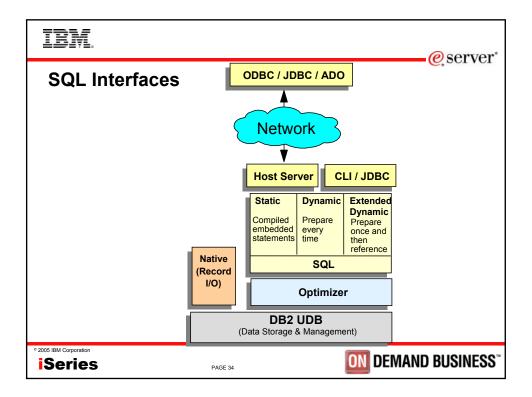
IBM.		
CWBCOPWR		eserver [®]
 Options to concentrate of – Communication buffer s – TCP/IP buffer size (Opt – TCP/IP nagling (Option 	size (Option /SC) ions /WSS and /WSR)	
 Found in \Program Files See CWBCOPWR.HTM 		ectory
• 2005 IBM Corporation	PAGE 29	DIN DEMAND BUSINESS ^{**}

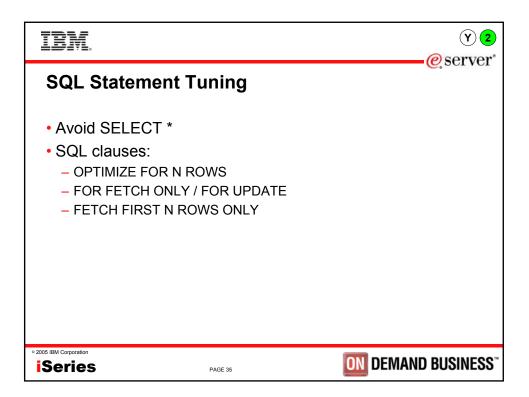
		e server
Network Summar	у	e server
 Reduce Trips to Ser Reduce Data Betwe 		
• 2005 IBM Corporation	PAGE 30	DN DEMAND BUSINESS [®]

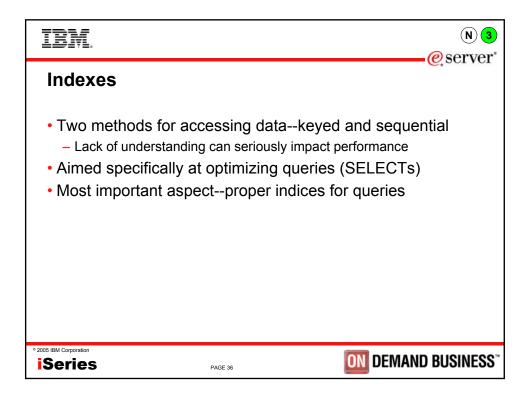


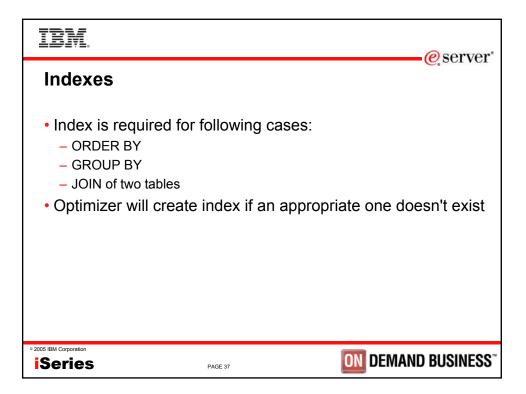
IBM.		N	3
	🅼 Data Source Proper	ties (new)	?×
Linux ODBC DSN GUI	VXN?		
	Name	MYDSN	
	Description	iSeries Access ODBC Driver	
 Other options added to the .odbc.ini 	Driver	iSeries Access ODBC Driver	
file or programmatically specified via	System	MYSYSTEM	
SQLDriverConnect API	UserID	MYUSERID	
	Password	MYPASSWORD	
	Naming	0	-
	DefaultLibraries	QGPL	
	ConnectionType	0	<u> </u>
	CommitMode	1	_
	ExtendedDynamic	1	<u> </u>
	DefaultPkgLibrary	QGPL	
	DefaultPackage	A/DEFAULT(IBM),2,0,1,0,512	_
	AllowDataCompression		_
	LibraryView	0	<u> </u>
	AllowUnsupportedChar	-	_
	ForceTranslation	0	<u> </u>
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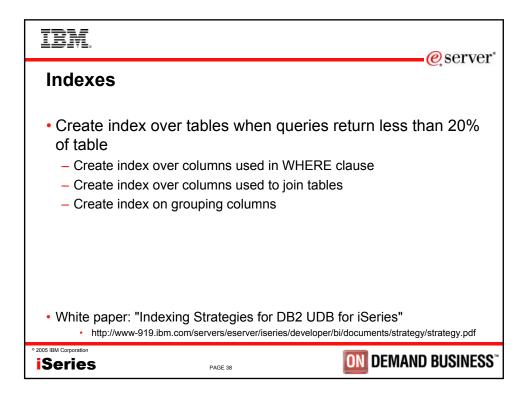


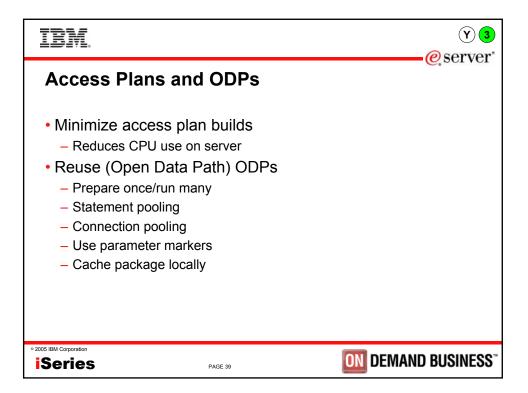




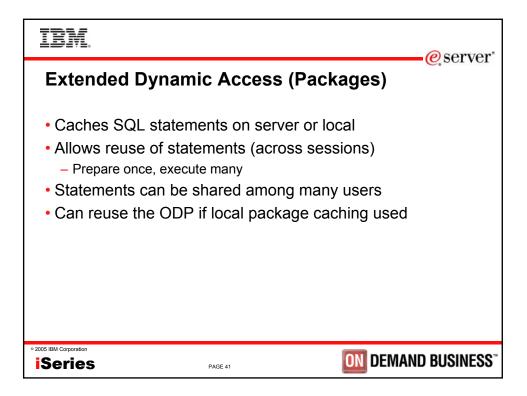


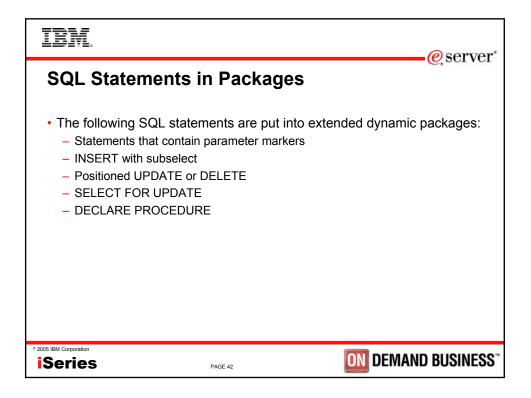


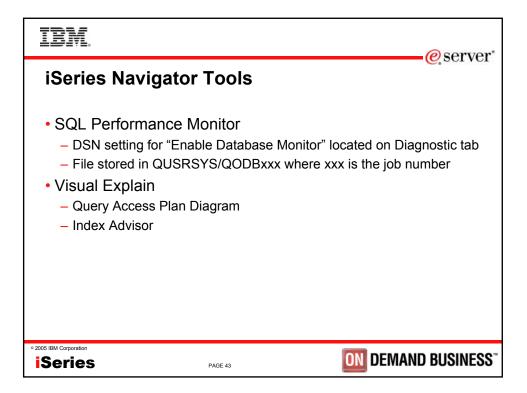


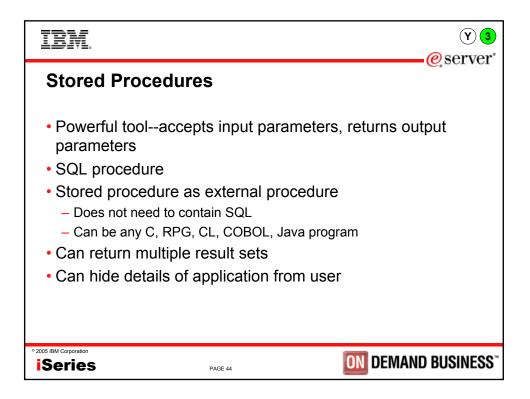


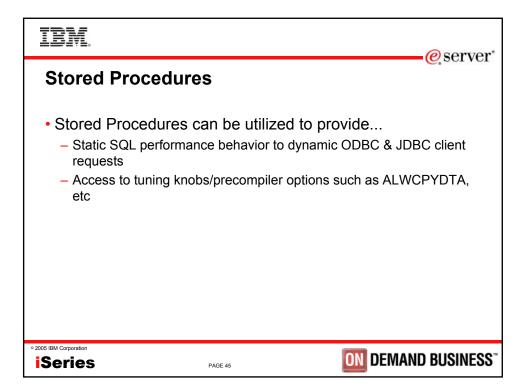
IBM.	(Y) 3 @ server"
Extended Dynamic Access (F	
 Application runs: SELECT * FROM MYTABLE WHERE COL1=? Application re-runs: SELECT * FROM MYTABLE WHERE COL1=? 	SELECT * FROM MYTABLE WHERE COL1=? Access plan
° 2005 IBM Corporation Series PAGE 40	DN DEMAND BUSINESS ^{**}

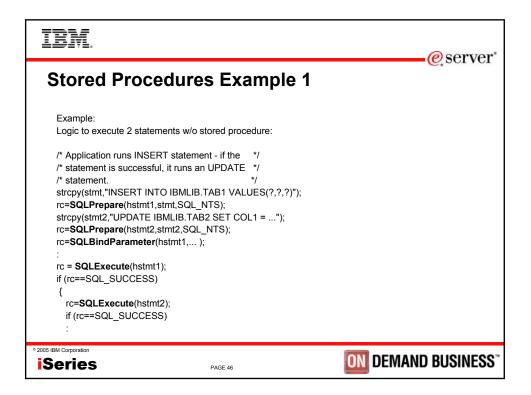




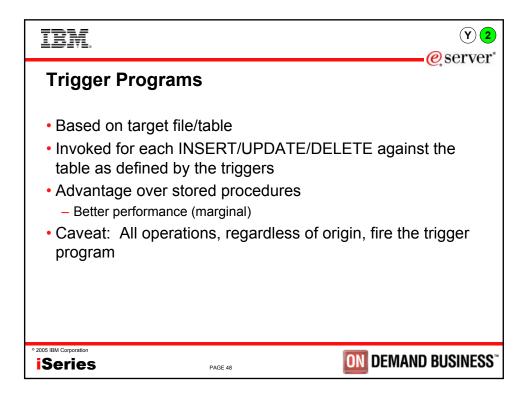


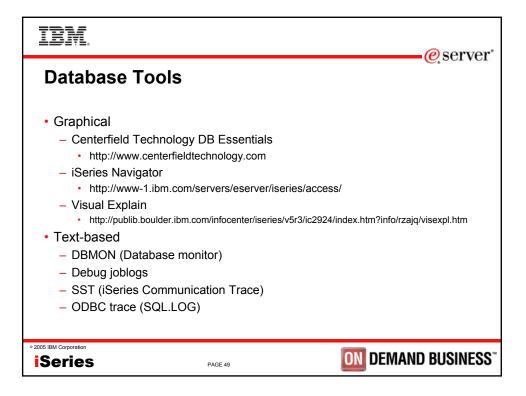


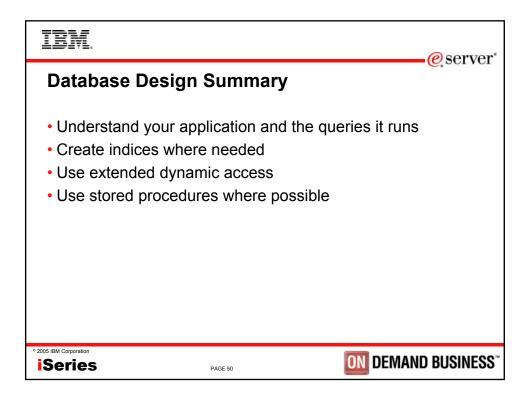


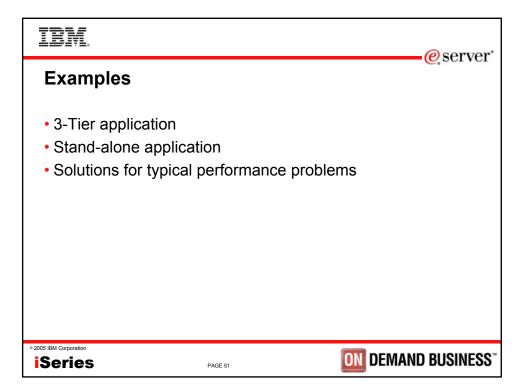


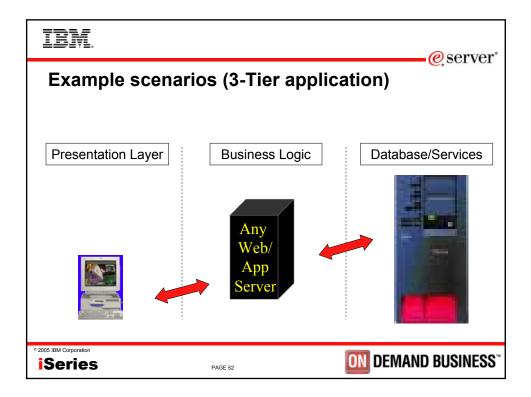
	eserver*
Stored Procedures Example 2	
Example: Logic to execute the same statements using stored procedure: /* Application invokes stored procedure passing all */ /* the parameters necessary for both the INSERT and */ /* UPDATE statement */ strcpy(stmt,"CALL IBMLIB.PROC1 (?,?,?)"); rc = SQLPrepare(hstmt1,stmt,SQL_NTS);	
rc = SQLBindParameter(hstmt1,); : rc = SQLExecute(hstmt1); if (rc==SQL_SUCCESS) { :	
2005 IBM Corporation Series PAGE 47	ON DEMAND BUSINESS"

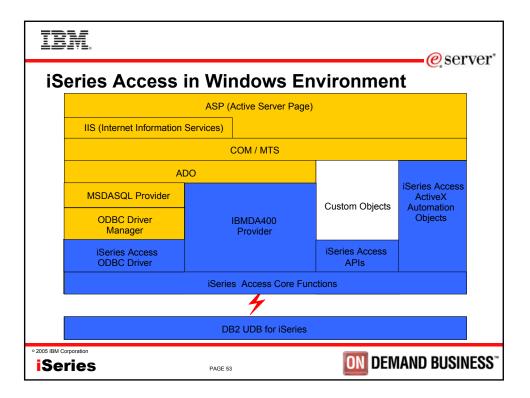




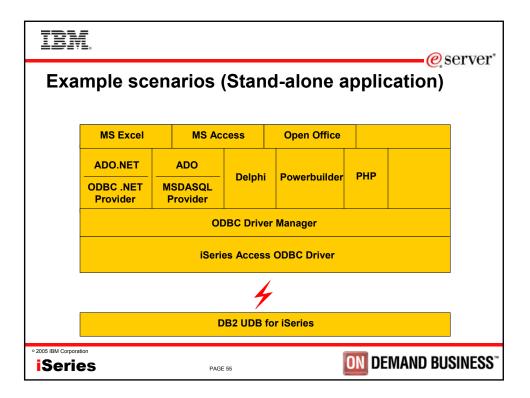




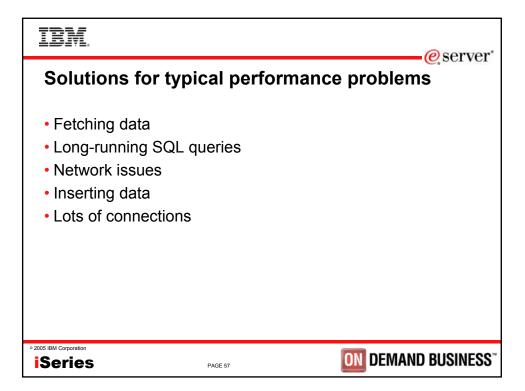


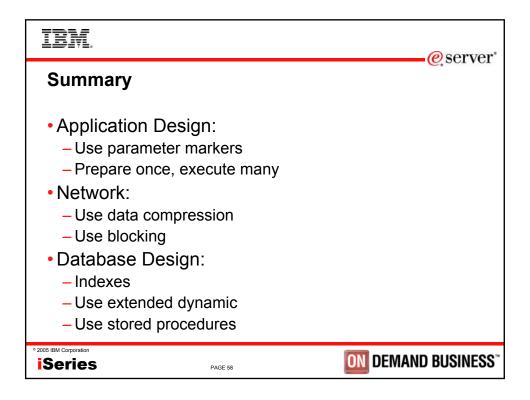


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Helpful settings	with 3-Tier applic	etions
 Connection pooling Stored procedures Block fetches 		
• 2005 IBM Corporation	PAGE 54	ON DEMAND BUSINESS"



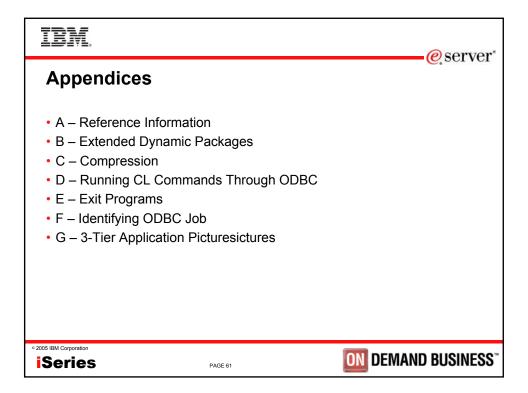
IBM.		eserver"
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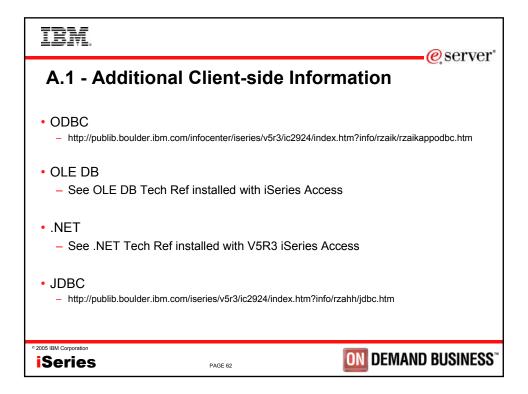




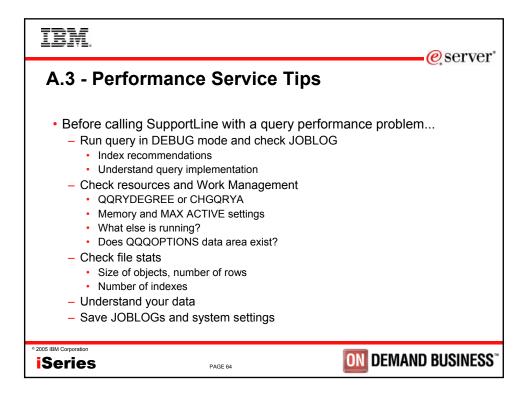
IBM. @server
iSeries Access for Windows – Sessions in Chicago
 26GH - MS Office with Client Access 31GJ - Administration of iSeries Access for Windows: Advanced Tips 31GH - MS Office and Client Access Integration Session 1: Setup and Overview 32GH - MS Office and Client Access Integration Session 2: Word and Excel 33GH - MS Office and Client Access Integration Session 3: Access-Web-Sending Data 36CA - iSeries Access for Windows: What's New in V5R3 41CB - iSeries Access Data Transfer: Tips and Techniques 41LC - LAB: MS Office with CA/400 42CB - iSeries Access for Windows: Security and Communications Tips 44CA - iSeries Access for Windows in a .NET World 45LA - OPEN LAB: iSeries Access for Windows with the Experts 52CB - Everything you wanted to know about PC5250 emulation 56CB - Performance Tune iSeries Access ODBC Driver
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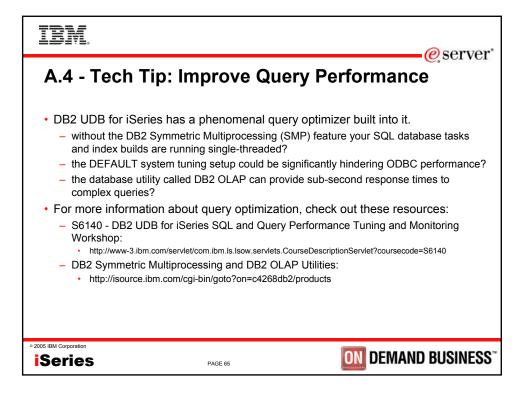
IBM.	e server
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Session ID:	401918
Agenda Key:	56CB
Speaker:	Brent Nelson
• 2005 IBM Corporation	PAGE 60 DEMAND BUSINESS"

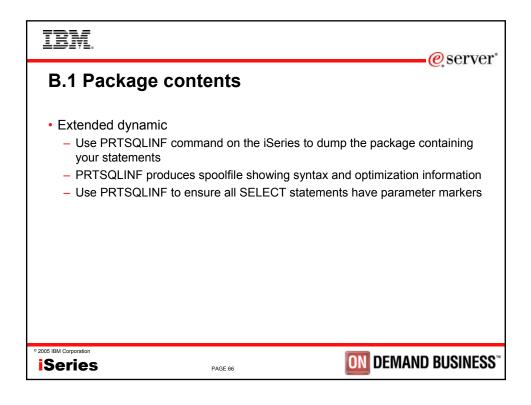


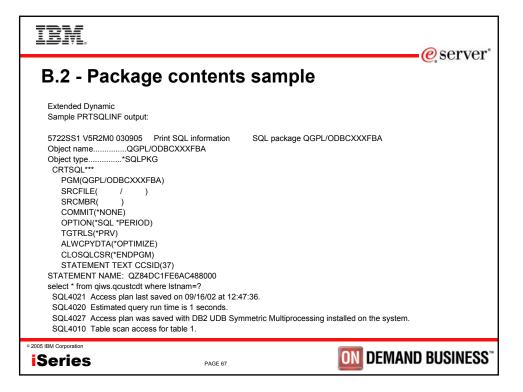


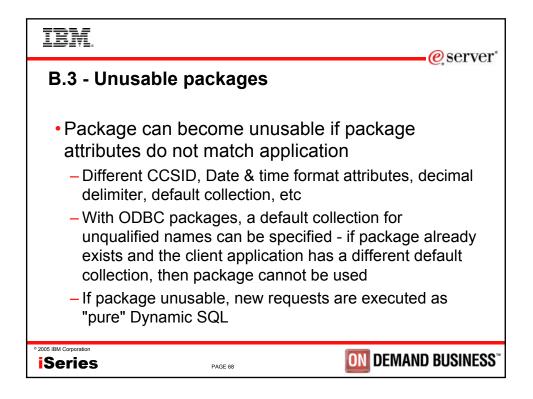
IBM.	erver"
A.2 - Additional Information	
 DB2 UDB for iSeries home page http://ibm.com/servers/eserver/iseries/db2/ Newsgroups comp.sys.ibm.as400.misc comp.databases.ibm-db2 Education Resources - Classroom & Online http://ibm.com/servers/eserver/iseries/service/igs/db2performance.html DB2 UDB for iSeries Publications Online Manuals: http://ibm.com/servers/eserver/iseries/db2/books.htm Indexing Strategies for DB2 UDB for ISeries: http://www.iseries.ibm.com/developer/bi/docum DB2 UDB for AS/400 Redbooks (http://ibm.com/redbooks) DB2 UDB for AS/400 Object Relational Support (SG24-5409) DB2/400 Advanced Database Functions (SG24-4249-02) SQL/400 Developer's Guide by Paul Conte & Mike Cravitz 29th Street Press, ISBN 1-882419-70-7 http://as400network.com/str/books/Uniquebook2.cfm?NextBook=183 	ents/strategy/strategy.pdf
• 2005 IBM Corporation ISeries PAGE 63	ND BUSINESS"



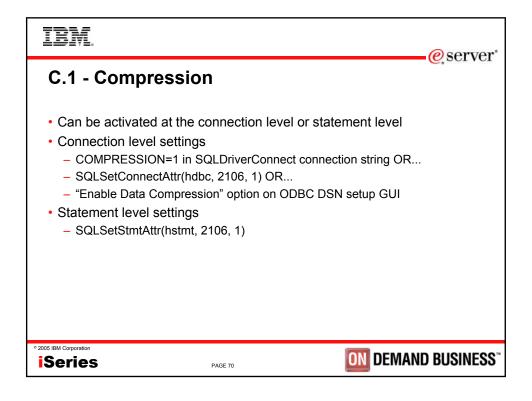


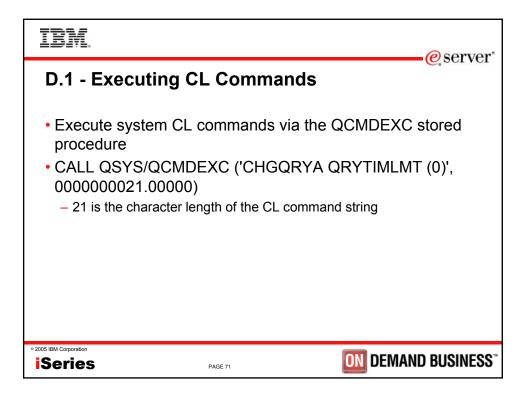


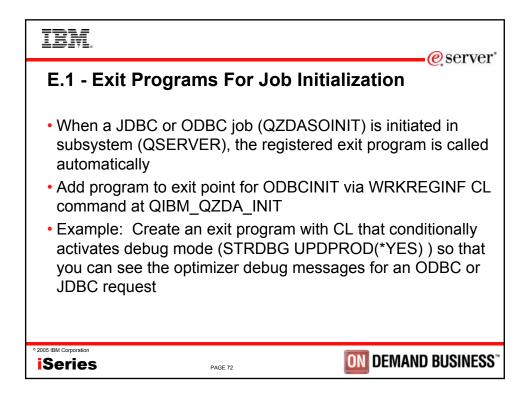


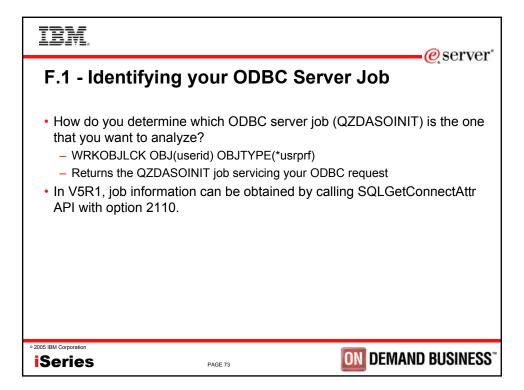


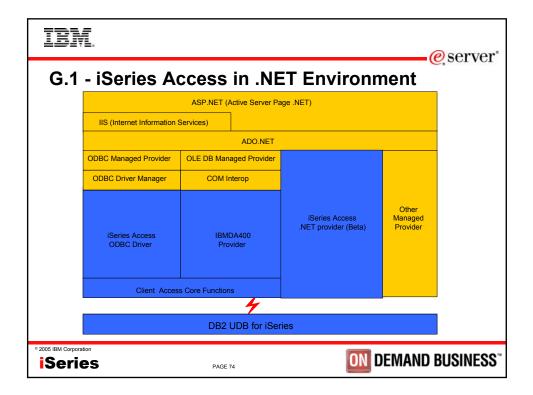
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 Can specify a name a the system do that w 	•	ckage on the data sou	rce or let
	e and appending 3 lo	eated by taken the first 7 etters that are encoding c	
		h would be: APPROACFBA name for a specific applicat	ion
•	mined by data sourc		
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IBM.		eserver"
G.2 - i	Series ODBC in Linux Environment	
	PHP Script	
	Linux Web/App Server	
	unixODBC Driver Manager	
	iSeries ODBC Driver for Linux	
	iSeries 🖌 LPAR	
· · · · · · · · · · · · · · · · · · ·	DB2 UDB for iSeries (OS/400 partition)	
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	JavaScript – JSP/Java Servlet Websphere	
	IBM Toolbox JDBC Driver	
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	DB2 UDB for iSeries	
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