	E PAC 🤅	系統和應用	目常見問題			編號	5-004-00	
作者 Tungle	u-Yu	版本	1.0.1	日期	2013/5/16	頁碼	1/24	
	/						I	
如	何使/	用SQL	_CE客户	'端與SQ	L_serve	r連線		
應用於:								
平台			作業系統版	i本	WinPAC/Vie	wPAC utility	/版本	
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WP-5000	0514/4		所有版本	<u> </u>	j	所有版本		
VF-23W1/VF-23W1 所有版本 所有版本 VP-4131 近去近本 近去近本								
VP-4131			所有版本	<u> </u>	,	听有版本		
 xpress 做為 SQL ser SQL Server 2005 E (<u>http://www.microso b28e-4568-9d16-07</u> SQL Server Manag F載位置: (<u>http://www.microso 4797-4f11-a834-45</u> i方 碑 方 共二] 	rver 端 xpress <u>oft.com</u> 17bdf4 ement oft.com	,實際使 s Edition \$ <u>/downloa</u> <u>7abdc</u>) Studio E <u>/downloa</u> <u>c3764</u>)	用時可以使, Service Pac ids/en/detai xpress Serv ids/en/detai	用別的 SQ k 4 (SQLE <u>ls.aspx?di</u> vice Pack 4 <u>ls.aspx?di</u>	L 伺服器 EXPR.EXE) splaylang=e 4 (SQLServ splaylang=e	,下載位置 en&FamilyII er2005_SS en&FamilyII	D <u>=26435597</u> MSEE.msi) D <u>=76ea83da</u>	
		Microsoft	SQL Server 200	05 Setup			23	
レ廠 1. 女装 SQL Server 2005 Express				-				
Edition •		End User I	License Agree	ment			5	
		MICRO	DSOFT SOFTW	ARE LICENSE	ETERMS		*	
		MICRO	DSOFT SQL SE	RVER 2005 EX	(PRESS EDITIC	N SERVICE PA	ACK4 =	
These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft								
		* sup	plements,					
		* Inte	met-based servic	res. and				
		* Sup	port services					
		for this	- software unless	other terros aco	ororany those its	ros. If so those	terros	
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		I acc	cept the licensing	terms and cond	ditions		Ţ	

分類	WinCE PAC	系統和應用	1常見問題			編號	5-004-00			
作者	Tunglu-Yu	版本	1.0.1	日期	2013/5/16	頁碼	2/24			
	Microsoft SQL Server 2005 Setup S Installing Prerequisites Installs software components required prior to installing SQL Server. SQL Server Component Update will install the following components required for SQL Server Setup: Microsoft SQL Native Client Microsoft SQL Server 2005 Setup Support Files Click Install to continue. Click Install to continue.									
Microsoft SQI Installing Prer Installs softy Server. SQL Server	Microsoft SQL Server 2005 Setup Installing Prerequisites Installs software components required prior to installing SQL Server. SQL Server Component Lindate will install the following components									
✓ Microso	Y Microsoft SQL Server 2005 Setup Support Files									
The required components were installed successfully.										
			Next >	Ca	ncel					
		ICP DA	S Co., Ltd. T	Technical do	cument					

分類	WinCE PA	C 系	統和應用	常見問題				編號	5-004-00	
作者	Tunglu-Yu		版本	1.0.1	日期		2013/5/16	頁碼	3/24	
	ſ	Mice	0246	Conver 2005 C	atus					
		Sve	tem Confi	Server 2003 S	etup rt				-	
		593		guiddon ano					4	
	SQL Server Setup is scanning your computer's configuration									
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🔂 Microsoft SC	QL Server 200	5 Seti	qu				-X -			
	•	W	/elcom	e to the N	ficrosof	t S	OL.			
		S	erver Ir	nstallation	n Wizaro	d	Z -			
		G .,		·····	:0					
		SQ	up will neip L Server, To	you install, moo o continue, click	ny or remove Next.	e M1C	:103011			
				r Beck	Marta		Cancel			
			_	< Dack	wext >		Cancer			
-			ICP DAS	SCo. Itd. 7	echnical (doci	ument			

分類	WinCE PAC	系統和應用	目常見問題			編號	5-004-00
作者	Tunglu-Yu	版本	1.0.1	日期	2013/5/16	頁碼	4/24
	រ អ្វី S	Microsoft SC ystem Con Wait while t problems.	QL Server 2005 figuration Ch the system is chec	i Setup leck ked for potentia	l installation		x
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		 Internet E COM Plu 	ixplorer Requiren s Catalog Require	nent ement	Success Success		=
	-	 ASP.Net ' Minimum 	Version Registrati 1 MDAC Version	ion Require Requirement	Success Success		
		Ø Edition C	hange Check		Success		
😸 Microsoft SQI	Server 200	Filter	•		Stop		Report 🔹
Registration I The following i	Informatic	Help					Next >
The Name field	d must be filled in pr	ior to proceed	ling. The Compar	ny field is option	al.		
N <u>a</u> me: Test							
Company:							
1							
🔽 Hide advar	nced configuration o	options					

分類	WinCE PAC	系統和應用	常見問題			編號	5-004-00
作者	Tunglu-Yu	版本	1.0.1	日期	2013/5/16	頁碼	5/24
作者 步驟 1.1: 選擇 元件	Tunglu-Yu 安裝所有	版本 Peature S Select th Click an icon ii	1.0.1 t SQL Server 2005 Selection he program features y n the following list to Database Services Data Files Pata Files Replication Client Components Connectivit Software D	日期 Express E you want in change how change how s s s y Compone evelopmen	2013/5/16 idition Setup installed. w a feature is instal Featur Installs connect program tools an This fea	頁碼 led. e description command line too tivity component aming models, ma ad development t	5/24
		Installation c:\Progr Help	path am Files \Microsoft SQ	L Server\	< Back	It has 2 of 2 d. The subfeatur your hard drive. Brows Disk Co	e cancel
步驟 1.2: 選擇 mode"後,設定 下列步驟將用到	" Mixed 密碼'. I此組密碼	Microsof Authenti The auti connect Select th O Wind	ft SQL Server 2005 ication Mode hentication mode spe ing to SQL Server. he authentication mod dows Authentication M d Mode (Windows Au	Express E cifies the se de to use fo 10de thentication	dition Setup ecurity used when or this installation.	uthentication)	
		Specify Ente Con Help	the sa logon passwor er password: •• firm <u>p</u> assword:	d below:	< Back	Next >	Cancel

分類	WinCE PAC	、 系統和應用	常見問題			編號	5-004-00			
作者	Tunglu-Yu	版本	1.0.1	日期	2013/5/1	6 頁碼	6/24			
		🙀 Microsof	t SQL Server 2	005 Express Ed	dition Setup		[X]			
		Configura	ation Options	5						
		Configur	e user and admi	nistrator accoun	ts					
✓ Enable User Instances										
This option enables users without administrator permissions to run a separate instance of the SQL Server Express Database Engine.										
instance of the SQL Server Express Database Engine.										
		- Addu	user to the SOL	Server Administr	ator role					
		This opti	on adds the use	r who is running	the SOL Serve	r Express installa	tion program			
		to the SC Vista ope	QL Server System erating system a	n Administrator i re not members	of the SQL Ser	t, users on Micros ver System Admi	oft Windows nistrator role.			
Help < Back Next > Cancel										
📸 Microsoft SQ	L Server 2005 E	xpress Edition	n Setup		23					
Error and Us Help Microsof	age Report S ft improve some o	ettings f the SQL Server	2005 componer	nts	1					
and services										
Automatically	send Error report	s for SOL Server	2005 to Micros	aft or your corpo	vrate error					
reporting serv	ver. Error reports nerror occurred, y	include informati	ion regarding the	condition of SQ	L Server					
may unintenti	onally include per	sonal information	n, which will not l	be used by Micro	osoft.					
Automatically	send Feature Usa	ige data for SOL	. Server 2005 to	Microsoft, Usag	e data					
includes anon software and	ymous informatior services.	about your har	dware configura	tion and how yo	ou use our					
By installing Micro automatically ser	osoft SQL Server 2 nd fatal service en	2005, SQL Serve or reports to Mic	r and its compor crosoft or a Corr	ents will be conf porate Error Rep	figured to porting					
Server. Microsoft information as co	t uses error report infidential.	ts to improve SQ	L Server functio	nality, and treat	s all					
Help	J	< Back	Nex	t > C	Cancel					
		ICP DAS	S Co., Ltd. 7	Technical do	cument					

作者 Tunglu-Yu 版本 1.0.1 日期 2013/5/16 頁碼 7/24 伊者 Tunglu-Yu 版本 1.0.1 日期 2013/5/16 頁碼 7/24 Particle Parti										
Microsoft SQL Server 2005 Express Edition Setup Image: Setup is ready to Install Setup is ready to begin installation. Image: Setup is ready to begin installation. Setup has enough information to start copying the program files. To proceed, dick Install. To change any of your installation settings, dick Back. To exit setup, dick Cancel. Image: Setup has enough information to start copying the program files. To proceed, dick Install. To change any of your installation settings, dick Back. To exit setup, dick Cancel. Image: Setup has enough information to start copying the program files. To proceed, dick Install. To change any of your installation settings, dick Back. To exit setup, dick Cancel. Image: Setup has enough information to start copying the program files. To proceed, dick Install. To change any of your installation settings, dick Back. To exit setup, dick Cancel. Image: Setup has enough information to start copying the program files. To proceed, dick Install. To change any of your installation settings, dick Back. To exit setup, dick Cancel. Image: Setup has enough information to start copying the program files. To proceed, dick Install. To change any of your installation settings, dick Back. To exit setup, dick Cancel. Image: Setup has enough information to start copying the program files. Image: Setup has enough information to start copying the program files. Image: Setup has enough information to start copying the program files. Image: Setup has enough information to start copying the program files. Image: Setup has enough information to start copying the pr										
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The following components will be installed: • SQL Server Database Services (Database Services, Replication) • Client Components (Connectivity Components)										
Microsoft SQL Server 2005 Setup Setup Progress The selected components are being configured										
Product Status SQL Setup Support Files Setup finished SQL Native Client Setup finished SQL VSS Writer Setup finished SQL Server Database Services Setup finished Workstation Components, Books Onlin Setup finished										
vvorkstation Components, books Onlin										
Help <<< Back Next >> Cancel										

分類 WinCE	PAC 系統和應用	常見問題			編號	5-004-00
作者 Tunglu-	Yu 版本	1.0.1	日期	2013/5/16	頁碼	8/24
	Microsoft SQ Completing Mic Setup has finis Refer to the setup setup. Click Finish Summary Loq To minimize the se disabled by defaul Surface Area Com Configuring a Express • For improve Server 200 Server suff the surface configuration instance of o TO Help	L Server 2005 S rosoft SQL See hed configuration o error logs for in to exit the install erver surface area It for new installa figuration tool. and Managin ed manageabi 5 provides moriace area on you a area, the follor ons have been i SQL server: CP/IP connection Named Pince	Setup rver 2005 Set n of Microsoft SC formation descri- lation wizard. a of SQL Server tions. To config g SQL Server lity and securit e control over ur system. To rv wing default applied to you ons are disable	2010/0/10 Aup QL Server 2005 bing any failure(s) 2005, some featur ure the surface are r y, SQL the SQL minimize r ed	that occurred d	Uring are r, use the Finish
	Microsoft SQL	L Server Manag	gement Studio Welcome to SQL Server Setup helps you Management St WARNING: This international tre	the Install Wi Management : install, modify or r udio Express. To co program is protect aties.	izard for Mic Studio Expre remove Microsof ontinue, dick Ne red by copyright	Erosoft ess ft SQL Server ext. t law and
			a abria a 1 d	oumort.		

分類	WinCE PAC 系;	NinCE PAC 系統和應用常見問題 編署						
作者	Tunglu-Yu	版本	1.0.1	日期	2013/5/16	頁碼	9/24	

🛃 Microsoft SQL Ser	ver Management Studio Expre	ss Setup
License Agreemen	:	
Please read the follo	wing license agreement carefully.	
MICROSOFT SOF	WARE LICENSE TERMS	
MICROSOFT SQL	SERVER 2005 MANAGEMEN	T STUDIO EXPRESS
These license Corporation (affiliates) at the software : which you rec	terms are an agreemen or based on where you id you. Please read t named above, which inc eived it, if any. The	t between Microso live, one of its hem. They apply ludes the media o terms also apply
any Microsoft		

/licrosoft SQL Server N	lanagement Studio E	xpress Setup	23
egistration Informatio	n		
The following information	will personalize your insta	allation.	
Enter your name and the	name of your organizatio	n in the fields below.	
Name:			
Test			
Company:			
	< Back	Next >	Cancel
		I td. Technical d	ocument
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Feature Selection	1
Select the program features you want installed.	
Click an icon in the following list to change how a feature	e is installed.
Management Studio Express	Feature description
	Installs interactive management tools for running SQL Server, including SQL Server Management Studio Express.
Installation path	
C:\Program Files\Microsoft SQL Server\	
	Disk Cost

X
0
ancel to

分類	WinCE PAC 系	統和應用常	常見問題			編號	5-004-00
作者	Tunglu-Yu	版本	1.0.1	日期	2013/5/16	頁碼	11/24
		rosoft SQL S	Gerver Manageme Com Man Setup Expre	nt Studio pleting t agement has installe ss successf	Express Setup	SQL Server ss Setup erver Managemen exit.	nt Studio
			< B	ack	Finish	Ca	ncel
		_					

[設定 SQL 伺服器]

- 步驟 3: 執行 "SQL Server Configuration Manager"
- 步驟 3.1: 輸入 "Content" 設定
 - 1: 點擊 "Potocols for SQLEXPRESS"
 - Part 2: 點擊 "TCP/IP"
 - Part 3: 點擊 "Properties"

SQL Server Configuration Manager (Local) SQL Server 2005 Services QL Server 2005 Network Configuration Protocols for SQLEXPRESS SQL Native Client Configuration SQL Native Client Configuration VIA Protocol Name Status Cabled Disabled Protocol Name Status Disabled Protocol Name Status Cabled Disabled Properties Help			
nep interp	SQL Server Configuration Manager (Local) SQL Server 2005 Services QL Server 2005 Network Configuration Protocols for SQLEXPRESS SQL Native Client Configuration	Protocol Name Shared Memory Named Pipes TCP/IP	Status Enabled Disabled Disabled Enable Pisable Properties Help



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步驟 4: 執行 "SQL Server Surface Area Configuration"後,點擊"Surface Area Configuration for Service and Connections"



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b驟 4.1 :	點擊	"Service statu	s" 確認狀	態爲 "Runı	ning"			
4	🔏 Surfa	ce Area Configuration f	or Services and	Connections - loca	alhost			8
	2	SQL Server 2005 Help Protect Your St	5 Surface A <mark>QL Server</mark>	rea Configur	ation			
	Enable server	e only the services and com by reducing the surface an	nection types used ea. For default set	l by your application ttings, see <u>Help</u> .	s. Disabling unus	ed services and connec	tions helps protec	t your
	Select	a component and then con	figure its services	and connections:				
	•	SQLEXPRESS Detabase Engine Service Remote Conne SQL Server Browser	Disal ctions Servi Displ Desc	ole this service unless ice name: MSSQL\$S lay name: SQL Serve ription: Provides st transaction	your application QLEXPRESS r (SQLEXPRESS brage, processing , processing.	s use it. () g and controlled access	of data and rapid	*
			Start	up type: Automatic				-
			Servi	start	Stop	Pause	Resume	2
	View	by Instance View by Co	mponent		OK	Cancel	ply He	lp

 ■ SQLEXPRESS ■ Database Engine Service ★ Remote Connections ■ QL Server Browser 	By default, SQL Server 2005 Express, Evaluation, and Developer editions allow local client connections only. Enterprise, Standard, and Workgroup editions also listen for remote client connections over TCP/IP. Use the options below to change the protocols on which SQL Server listens for incoming client connections. TCP/IP is preferred over named pipes because it requires fewer ports to be opened across the firewall.
	Local connections only
	Octained terms to the second secon
	O Using TCP/IP only
	O Using named pipes only
	• Using both TCP/IP and named pipes
View by Instance View by Component	

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步驟 4.	3: 設定	"Automatic" -	• "Apply"	→ "Start"	1		_		
	🦓 Surface	Area Configuration for	Services and Co	nnections - localhost			X		
	SQ He	L Server 2005 S Ip Protect Your SQL	Surface Are . <mark>Server</mark>	ea Configuration	n				
	Enable or server by	nly the services and connect reducing the surface area.	tion types used by For default settin;	y your applications. Disa gs, see <u>Help</u> .	bling unused s	ærvices and connectior	1s helps protect your		
	Select a c	omponent and then config	ure its services an	d connections:					
		QLEXPRESS This service returns named pipe and TCP port information to client applications. Enabling this service is recommended for Analysis Services. Database Engine Service Service							
		Remote Connectu SQL Server P rowser	Service :	name: SQLBrowser					
		➡ Service	Display	name: SQL Server Brow	/ser				
			Descript	Provides SQL Set	rver connectio	n information to client	computers.		
			Stortup f	type Automatic			•]	
			3-	Start S	top	Pause	Resume		
	View by	Instance View by Comp	onent					_	
				Ok		Cancel Apply	Help		

步驟 5: 執行 "SQL Server Configuration Manager" 步驟 5.1: SQL Server 2005 Services → SQL Server Brower → "Content"

	me	State
SQL Server 2005 Services	SQL Server Browser SQL Server (SQ	Stopped Start
SQL Native Client Configuration		Stop
		Resume
	3	Restart
		Properties
		Help

		糸統和應用 □	常見問題 ┃			編號 ———	5-004-0
诸	l unglu-Yu	版本	1.0.1	日期	2013/5/16	貝碼	16/24
驟 5.2: Ser	vice → 設定 "S SQL Server B Log On Se Genera Binary B Error Co Evit Coo	Start Mode rowser Prope ervice Advan	e" 爲 Auton nties ced	natic → 熙 Program Files	聲 "Apply" : 양 교	按鈕	
	Host Na	ame	TE	, T-PC			
	Name		SQ	SQL Server Browser			
	Process	Process ID		0			
	SQL Ser	vice Type	SQ	SQL Browser Automatic			
	Start M	ode	Au				
			Sto	pped			
	State						
	State	e					

😽 SQL Server Configuration Manager		
File Action View Help		
🗢 🔿 🙋 🗐 🗟 📓 👔 🕑 🔍 📀 🦿	I	
SQL Server Configuration Manager (Local)	Name	State
 GQL Server 2005 Services ▲	SQL Server Browse	Start Stop Pause Resume Restart
Restart (stop and then start) selected service.	<	Help
ICP DAS Co., Ltd.	Technical document	

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[建立資料庫]

步驟 6: 執行 "SQL Server Management Studio Express" 步驟 6.1: 使用"sa"管理者帳號與 "步驟 1.2" 所設定的密碼登入

	ver 🛛 🖾	
SQL Se	Windows Server System	n
Server type:	Database Engine 🗸]
Server name:	TEST-PC%QLEXPRESS	
Authentication:	SQL Server Authentication 🗸	
Login:	Sa. 🗸	
Password:	****	
	📄 Remember password	
		-
Co	nnect Cancel Help Options >>	
步驟 6.2: 點擊 "Database End	nine Query"圖示後,重新登入一次	
步驟 6.2: 點擊 "Database Eng	jine Query"圖示後,重新登入一次	
步驟 6.2: 點擊 "Database Eng	gine Query"圖示後,重新登入一次 频 Microsoft SQL Server Management Studio Exp File Edit View Tools Window Comm	ress unity Help
步驟 6.2: 點擊 "Database Eng	gine Query"圖示後,重新登入一次 Microsoft SQL Server Management Studio Expr File Edit View Tools Window Comm 2 New Query []] [] [] [] [] [] []	ress unity Help
步驟 6.2: 點擊 "Database Eng	yine Query"圖示後,重新登入一次 Microsoft SQL Server Management Studio Expr File Edit View Tools Window Comm 2 New Query	ress unity Help I I I I I I I I I I I I I I I I I I I
步驟 6.2: 點擊 "Database Eng	yine Query"圖示後,重新登入一次 Microsoft SQL Server Management Studio Expr File Edit View Tools Window Comm ② New Query ① ② ② ③ ② ② ② ② ③ Object Explorer ↓ 7 ③ ② ③ TEST PC/SOL EXPRESS (COL Server 0.0 500)	ress unity Help I I I I I I I I I I I I I I I I I I I
步驟 6.2: 點擊 "Database Eng	yine Query"圖示後,重新登入一次 Microsoft SQL Server Management Studio Expr File Edit View Tools Window Comm 2 New Query 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ress unity Help Summary Summary Summary Summary Summary Summary Summary
步驟 6.2: 點擊 "Database Eng	yine Query"圖示後,重新登入一次 Microsoft SQL Server Management Studio Expr File Edit View Tools Window Comm ② New Query ② ② ③ ③ ③ ③ ② ③ ③ ③ Object Explorer ③ ① ① Database Engine Query ③ ① TEST-PC\SQLEXPRESS (SQL Server 9.0.5000 ③ ③ Databases ④ ③ System Databases	ress unity Help Summary Summary Market Constraints Summary Market Constraints Summary S
步驟 6.2: 點擊 "Database Eng	gine Query"圖示後,重新登入一次 Microsoft SQL Server Management Studio Expr File Edit View Tools Window Comm ② New Query ① ② ② ③ ② ③ ② ③ ③ Object Explorer ① Object Explorer	ress unity Help Summary Market Constraints of the second s
步驟 6.2: 點擊 "Database Eng	yine Query"圖示後,重新登入一次 Microsoft SQL Server Management Studio Expr File Edit View Tools Window Comm ② New Query ② ② ③ ③ ② ② ② ③ ③ Object Explorer ③ ① Database Engine Query ③ ① Databases ③ ③ Databases ④ ③ System Databases ④ ③ master ④ ① model ④ ① model	ress unity Help Summary Summary D - : U C TEST-PC\SQLEXPR
步驟 6.2: 點擊 "Database Eng	yine Query"圖示後,重新登入一次 Microsoft SQL Server Management Studio Expr File Edit View Tools Window Comm ② New Query ② ② ③ ③ ③ ② ③ ③ ③ Object Explorer ③ ① Database Engine Query ③ ① TEST-PC\SQLEXPRESS (SQL Server 9.0.5000 ④ ③ Databases ④ ③ System Databases ④ ③ master ④ ① model ④ ① model ④ ① model ④ ① model	ress unity Help Summary Summary Mame
步驟 6.2: 點擊 "Database Eng	yine Query"圖示後,重新登入一次 Microsoft SQL Server Management Studio Expr File Edit View Tools Window Comm ② New Query ② ② ② ③ ③ ③ ② ③ ③ ③ Object Explorer ③ ② ① Database Engine Query ③ ① TEST-PC\SQLEXPRESS (SQL Server 9.0.5000 ④ ③ Databases ④ ③ System Databases ④ ③ master ④ ① model ④ ① model ④ ① model ④ ① model ④ ① model	ress unity Help Summary Summary D - :
步驟 6.2: 點擊 "Database Eng	yine Query"圖示後,重新登入一次 Microsoft SQL Server Management Studio Expr File Edit View Tools Window Comm ② New Query ① ② ③ ③ ② ② ③ ③ Object Explorer ① ② ② ② ③ ③ ② Database Engine Query ③ ③ TEST-PC\SQLEXPRESS (SQL Server 9.0.5000 ③ ③ Databases ④ ③ model ④ ③ model ④ ① model ④ ③ Server Objects ③ ③ Server Objects	ress unity Help Summary Summary D-: Name Name Name Tables Temporary Tables
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作者	Tunglu	ı-Yu	版本	1.0.1	日期	2013/5/16	頁碼	18/24
步驟 6.3: ⅔	選擇──個資 Microsoft SQ File Edit V Q New Quep Q New Quep Diject Explorer	料庫, L Server M iew Que 中日,日 master master model msdb tempdb	範例中證 lanagement S ry Tools	選擇為 "temp tudio Express Window Comm	uunity Help	🛃 🛃 🏠 🎦 🖷 IPREr - SQLQuer	📑 🔯 👹 y1.sql Summa	🖏 🔳 V
步驟 6.4: ≢ create ta insert int	■ Datat ■ Datat ■ ■ Secur ■ Secur	bases ystem Data master model msdb tempdb tempdb tempdb tempdb tempdb tempdb tempdb tempdb tempdb	abases 言並點擊_ 1,1234); 2,5678);	C作列上的"E	Execute"後	,再點擊儲	存圖示	
select* f	rom a1;	values(2	2,3070),					
	1	Microsoft SQL	Server Managem	ent Studio Express				
	Fil	le Edit Vie <u>)</u> New Query	ew Query Too 🛅 🗟 😂 9	ols Window Commu 🕴 🙀 🖬 🗊 📑	nity Help P ট 🚰 🚽			
	i 📃	ect Explorer	empdb	Execute		i 🔛 🐴 📑 🔯 🖉) 🖾 🗏 😫 🛱	律。
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	Ke	auy				Lno	C01 C	nı INS

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作者	Tunglu-Yu	版本	1.0.1	E	日期	2013/5/16	頁碼	19/24
[PC 端的] ^{如果不關 連線}	方火牆設 ^{閉防火牆,或}	之定] 浸開放 1	433 連打	妾埠,Wi	nPAC	;的 SQL Clie	ent 無法跟	SQL server
[利用 ODI	BC 啓動	SQL	Serv	ver]				
步驟 7.1: 開始- "odbo	>執行,輸入 cad32"		🖅 Run					8
				Type the resource,	name of and Wir	f a program, fold ndows will open	er, documen it for you.	t, or Internet
			<u>O</u> pen:	odbcad3	2 tas <mark>k</mark> wil	be created with	administrativ	▼ ve privileges.
步驟 7.2: 新增 System DSN Part 1: 點擊"System	stem	DBC Data Se r System Data Se	ource Admi em DSN F ources:	inistrator File DSN Dri	0 ivers T	K Ca	on Pooling A	Browse
DSN"頁面 Part 2: 點擊 "A Part 3: 點擊 "S	dd" QL	Name Drive	r Jew Data So	ource			Add. Remo	ve
Server" Part 4: 點擊 "Fi	inish"			3	Select a Name Microso Microso Microso Microso SQL Na SQL Se	driver for which you ft Paradox-Treiber ft Text Driver (*.txt ft Text-Treiber (*.txt ft Visual FoxPro Dr ft Visual FoxPro Tr ft Visual FoxPro-Tr tive Client	u want to set u (*.db) ; *.csv) t; *.csv) iver eiber	p a data source.
						< Back	Finish	Cancel

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有兩個地方需要設定

步驟 7.3: 在 SQL Server 中建立新的資料來源

Part 1: 重新定義名子

Part 2: 選擇 PC 上的 SQL server

	This wizard will help you create an ODBC data source that y connect to SQL Server.	ou can use
R	What name doant to use to refer to the data source? Name: Test	
	How do you want to describe the data source? Description:	
	Which SQL Server do you want to connect to?	
	2	
	Finish Next > Cancel	Help

步驟 7.4: 登入 Part 1: 點擊第 2 選項

Part 2: 使用"sa"帳號登入

	How should SQL Server verify	the authenticity of the login ID?
	With Windows NT auth	entication using the network login I
	 With SQL Server authe entered by the user. 	ntication using a login ID and passw
	To change the network library click Client Configuration.	used to communicate with SQL Ser
		Client Configuration
	Connect to SC' Server to additional cr 2 Vion op	obtain default settings for the tions.
	Login ID: sa	
	Password:	

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[SQL Client 範例]

[C#]

Server IP, 資料庫名稱, 帳號,密碼

string strConn = " server=10.1.0.56\sqlexpress;database=tempdb;user id=sa;password=1234;";

連線類型 SQL

SqlConnection connRemote = new SqlConnection(strConn); connRemote.Open();

Select* from a1->連線的資料庫

strSql = "select* from a1"; sqlCmd.Connection = connRemote; sqlCmd.CommandText = strSql; sqlReader = sqlCmd.ExecuteReader();

在資料庫中建立資料表並顯示

```
dTable = new DataTable("a1");
dTable.Columns.Add("id", typeof(int));
dTable.Columns.Add("tel", typeof(int));
```

```
while (sqlReader.Read())
```

```
{
```

```
dRow = dTable.NewRow();
dRow["id"] = sqlReader["id"];
dRow["tel"] = sqlReader["tel"];
dTable.Rows.Add(dRow);
```

```
dbCount += 1;
```

}

```
dataGrid1.DataSource = dTable;
label5.Text = "Number: " + dbCount;
sqlCmd.Dispose();
sqlReader.Close();
```

標準命令

```
string strSql = null;
SqlCommand sqlCmd = new SqlCommand();
SqlDataReader sqlReader = default(SqlDataReader);
strSql = "You want execute SQL command";
sqlCmd.Connection = connRemote;
sqlCmd.CommandText = strSql;
sqlReader = sqlCmd.ExecuteReader();
sqlCmd.Dispose();
sqlReader.Close();
```

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[VB.net]

Server IP, 資料庫名稱, 帳號,密碼

Dim strConn As String = " server=10.1.0.56\sqlexpress;database=tempdb;user id=sa;password=1234;"

連線類型 SQL

Dim connRemote As New SqlConnection (strConn) connRemote.Open()

Select* from a1->連線的資料庫

strSql = "select* from a1"
sqlCmd.Connection = connRemote
sqlCmd.CommandText = strSql
sqlReader = sqlCmd.ExecuteReader()

在資料庫中建立資料表並顯示

dTable = New DataTable ("a1") dTable.Columns.Add("id", GetType(Integer)) dTable.Columns.Add(""tel", GetType(Integer))

```
While sqlReader.Read()dRow = dTable.NewRow();
dbCount += 1;
dRow = dTable.NewRow()
dRow("id") = sqlReader("id")
dRow("tel") = sqlReader("tel")
dTable.Rows.Add(dRow)
dbCount += 1
```

End While

```
dataGrid1.DataSource = dTable
label5.Text = "Number: " + dbCount
sqlCmd.Dispose()
sqlReader.Close()
```

標準命令

```
Dim strSql As String = Nothing
Dim sqlCmd As New SqlCommand()
Dim sqlReader As SqlDataReader = Nothing
strSql = "You want execute SQL command"
sqlCmd.Connection = connRemote
sqlCmd.CommandText = strSql
sqlReader = sqlCmd.ExecuteReader()
sqlCmd.Dispose()
sqlReader.Close()
```

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[範例程式]

步驟 1: 輸入 server IP, 使用者 ID, 密碼

Part 1: 輸入 server IP(PC 端有防火牆,請多輸入連接埠號碼",1433"),資料庫使用者 ID,密碼 Part 2: 點擊"connect",連線成功後,將會出現以下訊息

SQL_client	iemo			
Data Sour	10.1.0.71\SQLEXPRESS,143	33		
User ID :	sa			
password :	****			
Data Base :	tempdb	•		
Data table:	al			
Number	0			
			create data base	testsal
		2	con	inect
	ОК 🗙	2	con D nvarchar (50), tel n	varchar(50)
Connect	OK ×	2	con D nvarchar(50),tel n create table	warchar(50)
Connect	OK X	2	con O nvarchar (50), tel n create table Insert data	varchar(50) Delete table
Connect	OK 🗙	2	con D nvarchar(50),tel n create table Insert data Show all dat	inect ivarchar (50) Delete table (6,900) a in data table
Connect	OK X		con O nvarchar (50), tel n create table Insert data Show all dat find data name is	inect warchar(50) Delete table (6,900) a in data table id= 1
Connect	OK X		con O nvarchar (50), tel n create table Insert data Show all dat find data name is delete data	nect varchar(50) Delete table (6,900) a in data table id= 1 id= 6

步驟 2: 選擇要修改的資料表,所在的資料庫於"Data Base"選項(CREATE, SELECT, INSERT, DELETE, etc....)

各按鈕的功能介紹:

Create data base: "CREATE DATABASE testsql"->(建立新資料庫)

Create table: "CREATE TABLE a1(ID nvarchar(50),tel nvarchar(50))" ->(建立新資料表)

Delete table: "DROP TABLE a1"->(刪除資料表)

Insert data: "Insert Into a1 Values (6,900)" ->(新增資料)

Show all data in data table: "Select * from a1" ->(顯示資料表中所有資料)

Find data name is: " Select * from a1 where id= 1"->(搜尋此筆資料, id 欄位值為 1)

Delete data: "delete from a1 where id= 6"->(刪除此筆資料, id 欄位值為 6)

Update data: "Update a1 set tel=555 where id=1"->(刪除此筆資料, id 欄位為 1, tel 欄位為 555)

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Revision History

Revision	Date	Description	
1.0.1	2013/05/16	首次發行	