### OpenEdge Architect









### **OpenEdge Editor Perspective**

DpenEdge Editor - OpenEdge Architect		
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	Project 'MyDemo' runtime connection to 'MySports' : OK	I I
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### Adding Procedures

#### Right-click project-> New->

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types available penEdge Editor perspective		
	< Back Next > Enish Cancel	



### Editing Code - AutoComplete





Macros for easy entry of common Text.

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User-definable.

DE Preferences				
type filter text	Macros			$\leftarrow \star \Rightarrow \star$
<ul> <li>General</li> <li>Help</li> <li>Install/Update</li> <li>OpenEdge Architect</li> <li>Advanced</li> <li>Database Connection</li> <li>DB Navigator</li> <li>Editor</li> <li>Editor</li> <li>Build</li> <li>Colors</li> <li>Meta Catalog</li> <li>Startup</li> <li>Tools for Business Lo</li> <li>Views</li> <li>Run/Debug</li> <li>Team</li> </ul>	Name &FR &GL &SC CMT DVCH DVDE DVDT DVHN DVLG DVNN DVLG DVMP DVRI    Pattern	Description Frame name Global define Scoped define Comment Char variable Date variable Handle variable Integer variable CHAR variable ROWID variable		Edit, Remove Import Export All
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### Editing Code – Macro Usage

Macro Example: Type: DVIN<space>

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/* -	* * * * * * * * * * * * *	******	finitions 7	* * * * * * * * * * *	* * * * * * * * * * *	***** */	
DEF	INE VARIABLE	cName LIKE MySports	s.Customer.N	Jame NO-UND	o.		
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	FIND Custome	er WHERE Customer.Cu	ust-Num = cu	ıstNum			
	NO-1	LOCK NO-ERROR.					
	RETURN Custo	omer.Name.					
END	FUNCTION.						
							<u> </u>
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### Editing Code – Compile Errors

Procedures are auto-compiled



### Editing Code





File Edit Source Refactor Navigate Search Project OpenEdge Run Window Help         Image: Project Source Refactor Navigate Search Project OpenEdge Run Window Help         Image: Project Resources Refactor Navigate Search Project OpenEdge Run SportsTest.p         Image: Resources Refactor Navigate Search Project OpenEdge Run SportsTest.p         Image: Resources Refactor Navigate Search Project OpenEdge Run SportsTest.p         Image: Resources Refactor Navigate Refactor Navigate Search Project OpenEdge Run as GUI application         Image: Run as GUI application         Image: Run as GUI application         Image: Run as TIY application         Image: Run SortsTest.p         Image: Run SortsTest.p <tr< th=""><th></th></tr<>	
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Run options       Find Customer WHERE Customer.Cust-Num = custNum NO-LOCK NO-ERROR.         END FUNCTION.       END FUNCTION.	
Run options       FIND Customer WHERE Customer.Cust-Num = custNum         NO-LOCK NO-ERROR.       END FUNCTION.	
FIND Customer WHERE Customer.Cust-Num = custNum NO-LOCK NO-ERROR. END FUNCTION.	
END FUNCTION.	
END FUNCTION.	
■MAIN-BLOCK:	
UPDATE CNum.	
cName = getCustomerName(cNum).	
DISPLAY cName.	
E Outline 🔀 DB Structure View 🕼 🛱 🗖	
END.	
V cName	
🔤 🔤 getCustomerName(INT):CHAR	
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### Running Code

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### Running Code



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### AppBuilder Perspective

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In AppBuilder per	rspective,		•
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### AppBuilder Perspective

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			-						



### Recovering

Something wrong?

Try restarting OpenEdge Runtime. (Restarts the Progress client that serves OpenEdge Architect)



### **Define DB Connections**

#### **Define DB Connections**

• Window

- -> Preferences
- -> OpenEdge Architect
- -> Database Connections
   Click "<u>N</u>ew"

<b>Preferences</b>								<u>- 🗆 ×</u>
type filter text	D	atabase Con	nectio	ns				$\Leftrightarrow \bullet \Rightarrow \star$
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0							ок	Cancel

### Add DB Connection

Connect to DB server (single-user mode not recommended) Click next to..

Add Connection Pr	ofile					×
Add OpenEdge	Vatabase Co	nnection				
If needed, enter a user	ID to connect to (	the database				
Connection name:	lySports					
Physical name:	lySports					Browse
Optional						
Description:						<b>A</b>
						~
Logical name:						
Host name:	localhost		Service/Port:	18000		
User ID:			Password:			
Aliases:			Group:			•
Other parameters:						<b>A</b>
						-
	•					
Test Connection						
0		< Back	Nexts		Einish	Cancel
U		< Back	<u>Next</u> >			



..Define SQL connection (This is used by the DB Navigator perspective And views only) Click next...

Add Connection Profile				×
Specify whether to define a S	QL Connecti	on		
Select to add a new SQL Connection.				
Define SOL Connection				
Add new SQL connection     C U:	se existing SQL o	nnection		
	Drive	r Database	Host Service/	Port User S
•				
Edit,				
2	< Back	Next >	Einish	Cancel
U.S. Contraction of the second		Town		

### Add SQL Connection

### If you don't have any \_users defined, connect as the *currently logged in* Username (Windows) to Access DB Admin functions while in the DB Navigator perspective.

SOLVEPOINT

. . .

. . .

Add Connection	Profile		×
Add SQL Conne	ection	) Profile	
Enter a unique name l	for the	SQL connection	
Connection name:	MySpo	ts	
Driver:	Progre	s OpenEdge 10.1 JDBC Driver	•
URL:	jdbc:da	tadirect:openedge://localhost:18000;databaseName=MySports	
User ID:	Admini	trator	
Password:			
Γ	Оре	n on startup of OpenEdge Architect	
E	Auto	-Login on connect	
Host name:		localbost	
O Service   P	ort:	18000	
Database name:		MySports	_
SQL parameters:			
		N	
Test Connection		43	
0		< <u>B</u> ack <u>N</u> ext > Einish	Cancel



••••

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#### Finished...

Preferences							
type filter text	Database Connections						$\Leftrightarrow \bullet \Rightarrow \bullet$
⊕ General ⊕ Help	Connection name	Group	Physical pame	Other parameters	Description	Logical	New
			MySports	Other parameters	Description	Logical	<u></u>
OpenEdge Architect			N				<u>E</u> dit
Advanced			13				Conv
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	•					F	
	Connection String:						
	-db MySports -H localhost -S 18000						
						-	
0						ОК	Cancel

### **Defining Project DB Connections**

Setup your project to use your new DB Connection/s

Right-click on project -> properties

->OpenEdge

SOLVEPOINT

-> Database Connection



### Debugging: Setting Breakpoints





### **DB** Navigator Perspective



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### **DB** Navigator Perspective

×

#### Editing Customer

#### Editing "MYSPORTS"."PUB"."Customer"

Edit table data by typing directly into cells.

#### Edit Table Data

Write your where condition: Apply								
Cust-Num	Name	Address	Address2	City	State	Country	Phone	
1	Lift Line Skiing	276 North Street		Boston	MA	USA	(617) 450-0087	
2	Urpon Frisbee	Rattipolku 3		Valkeala	Uusimaa	Finland	(60) 532 5471	ι
3	Hoops Croquet Co.	Suite 415	40 Grove St.	Hingham	MA	USA	(617) 366-1557	P
4	Go Fishing Ltd	Unit 2	83 Ponders End Rd	Harrow	Middlesex	United Kingdom	081 883 6827	4
5	Match Point Tennis	66 Homer Ave		Como	MA	USA	(817) 498-2801	F
6	Fanatical Athletes	20 Bicep Bridge Rd	Leyton	Aberdeen	Grampian	United Kingdom	0224 692 903	4
7	Aerobics valine KY	Peltolantie 2		Tikkurila	Uusimaa	Finland	(90) 054 6399	E
8	Game Set Match	Box 60		Sundsvall		Sverige	060-60 62 61	1
9	Pihtiputaan Pyora	Putikontie 2		Pihtipudas	Etela-Savo	Finland	(60) 162 5007	P
10	Just Joggers Limited	Fairwind Trading Est	Shoe Lane	Ramsbottom	Lancashire	United Kingdom	070 682 2887	<
11	Keilailu ja Biljardi	Vattuniemenkuja 8 A		Helsinki	Uusimaa	Finland	(91) 972 3478	F
12	Surf Lautaveikkoset	Venemestarinkatu 35		Salo	Varsinais-Suomi	Finland	(51) 254 2180	Λ.
13	Biljardi ja tennis	Urheilutie 1		Mantsala	Uusimaa	Finland	(40) 523 3088	1
14	Paris St Germain	113, avenue du Stade	BP 338	Paris	Seine	France	1 42 25 68 78	F
15	Hoopla Basketball	87 Calumnet St		Egg Harbor	NJ CO	USA	(609) 367-3875	F
16	Thundering Surf Inc.	354 Market St.		Coffee City	TX	USA	(512) 542-1804	F
17	High Tide Sailing	178 Schooner Hill	South Killingholme	Immingham	Humberside	United Kingdom	0469 73211	4
18	Antin Metsastysase	Vanhainkodinkuja 1	_	Sysma	Keski-Suomi	Finland	(71) 432 1317	4
19	Buffalo Shuffleboard	155 Carolina Ave		Buffalo	NY	USA	(716) 344-0966	<
20	Espoon Pallokeskus	Sinikalliontie 18		Espoo	Uusimaa	Finland	(90) 083 7737	F
21	Pedal Power Cycles	11 Perkins St		Boston	MA	USA	(617) 245-6969	4
22	Kesport Katiska	Koskisillantie 4		Forssa	Etela-Hame	Finland	(91) 676 4644	F
24	Jazz Futis Kauppa	Yrjonkatu 10		Pori	Satakunta	Finland	(60) 349 9254	P
25	La Boule Lyonnaise	rue de la gare	Z.A. Bellecourt	Lyon	Rhone	France	78 98 23 25	P
26	Bulls Eye Sports	Highscore House	180 Goodshot Street	Leeds	West Yorkshire	United Kingdom	0347 21348	k
27	Bumm Bumm Tennis	Weizenmarkt 17		Wien	Ost	Austria	0222/924376/12	: F
28	Luistin ja Pyora Oy	Ruutintie 7 A		Laihia	Etela-Pohjanmaa	Finland	(30) 731 1978	12
29	Bug in a Rug-by	120 Henry St		Yamhill	OR	USA	(503) 743-1318	(
30	Fast Flipper Pinball	11 Centre St		Troy	NC	USA	(919) 330-2993	5
31	Jaakon Jumppavaline	Kauppiaskatu 9 B		Turku	Varsinais-Suomi	Finland	(61) 749 9273	H
32	Kiiskin Jaavarustus	Kiiskinmaenkatu 5-7		Mikkeli	Etela-Savo	Finland	(21) 826 5779	I
33	Tennis Agentti	Vapaudenkatu 35		Rovaniemi	Lappi	Finland	(98) 829 8224	1
34	Quick Toss Lacrosse	1a Garden Ct		Ada	OH	USA	(216) 783-1877	15
35	Penan Sporttiklubi	Salmentie 10		Alavus	Etela-Pohjanmaa	Finland	(70) 227 2926	F
36	La voile en folie	rue de l'Ocean	allee de Paris	Brest	Bretagne	France	98 65 78 02	1
37	ABC Mountain Bikes	Alttorstr. 23		Salzburg	West	Austria	0662/43728/12	H
38	Hoopelin Pesapallo	Hameenkatu 16		Hyvinkaa	Uusimaa	Finland	(60) 936 7387	F
39	Uintivaline Rapyla	Koulukatu 16 A		Janisjarvi	Keski-Suomi	Finland	(91) 249 8849	4
40	Heikin Kuntosali	Alikeravantie 6		Kerava	Uusimaa	Finland	(60) 722 3987	F
41	On Target Rifles	22 Highwood Av.		Osyka	MS	USA	(601) 625-0070	P.
42	Stall-Turn Flying	Hurricane Lane		Skye Green	Essex	United Kingdom	0702 258 133	P
43	Sub Par Golf	60 Alpine St		Winter Park	CO	USA	(303) 444-6387	I
44	Shin Shane Vachting	34 Oak St		Sport Hill	CT	LISA	(203) 536-0131	
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### DB Navigator: SQL Editor

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MySports					
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### DB Navigator: SQL Editor





### **Debug Perspective**

#### To use Debugging: Step 1: Run bin\proDebugEnable.bat -enable-all

🚾 🕻:\WINDOWS\system	m32\cmd.exe	
C:\Progress\Open OpenEdge Release	Edge>bin\proDebugEnable.bat -enable-all 10.1B as of Wed Jan 10 12:21:31 EST 2007	
PROGRESS	Debug Enabler	
Debugging is ena ::\Progress\Open :\Progress\Open	bled for the Progress 4GL installed in Edge. Edge>	

### **Debug Perspective**

To use Debugging: Step 2: Save r-code (project prefs)

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Step 3: Compile (Project-> OpenEdge-> Compile)

Properties for MyDemo		
type filter text	Build	$\Leftrightarrow \bullet \Rightarrow \bullet$
···· Info ···· Builders ···· OpenEdge ···· AppBuilder ···· Build ···· Custom	✓ Save r-code (also enables include file tracking)         ✓ Build only when source files are newer than r-code         Build destination:       C:\work\MyDemo\build	Browse
Database Connectior Propath	Static file destination:	Browse
Webspeed Project References	XCODE key:	
Refactoring History	Create cross-reference files in XML format	
	XREF XML destination:	Browse,
	Restore <u>D</u> efaults	Apply
•		
0	ок	Cancel

## SOLVEPOINT

### Debugging: Setting Breakpoints



### Debugging: Setting Breakpoints







# Q & A





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