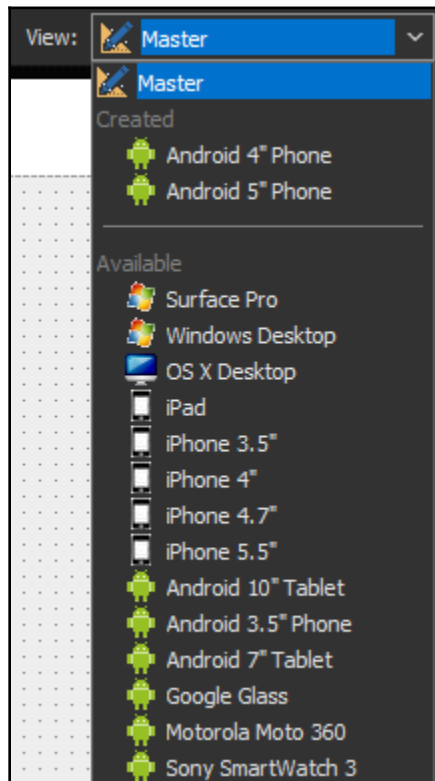
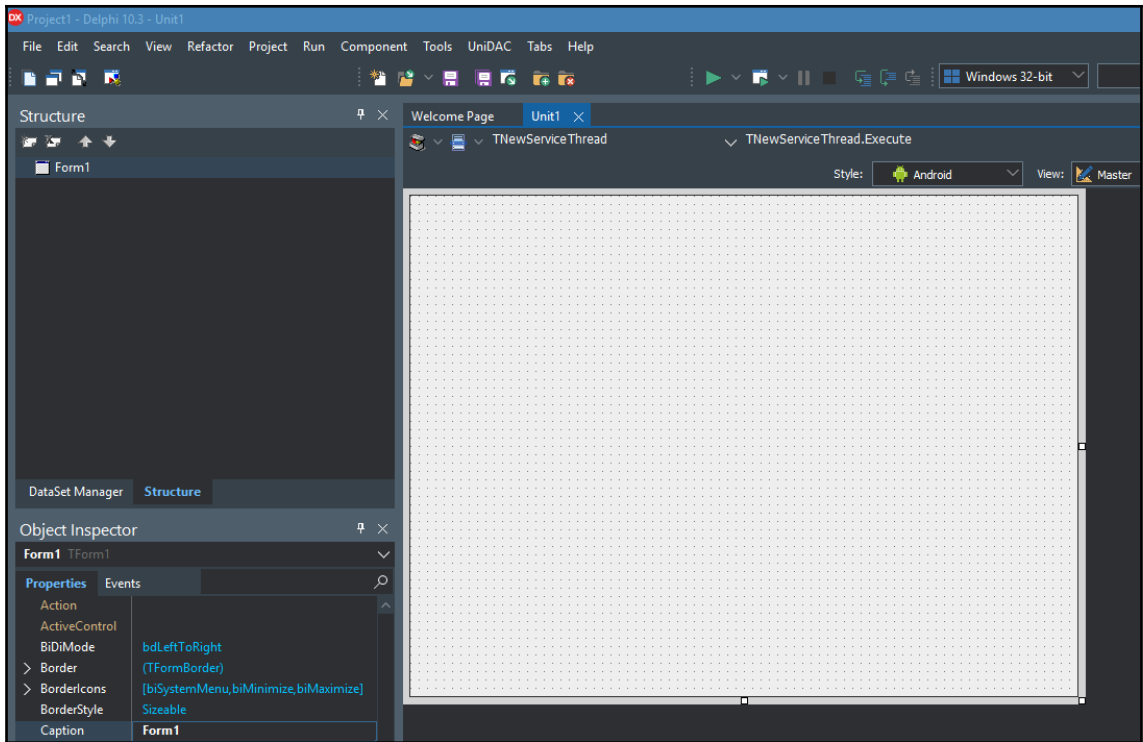
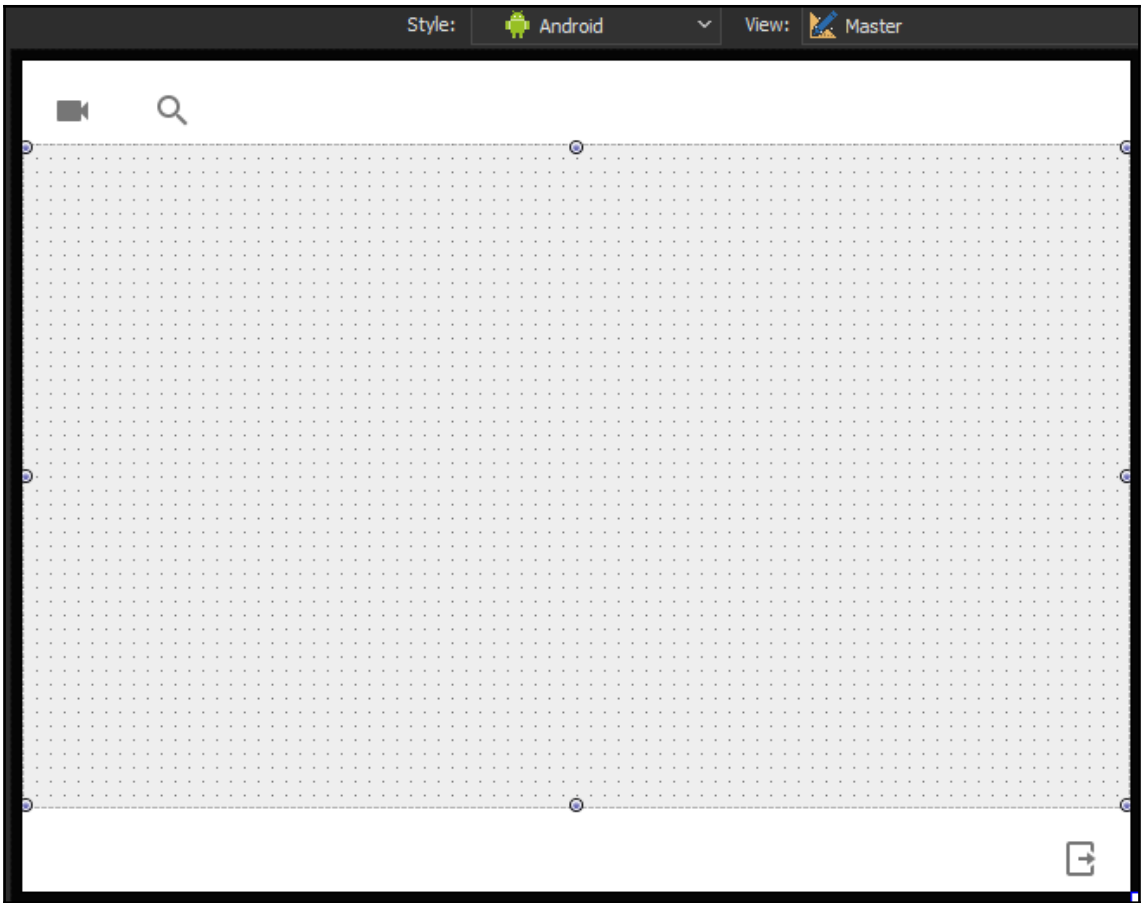
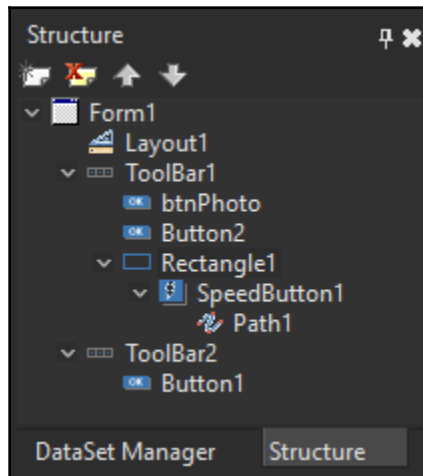
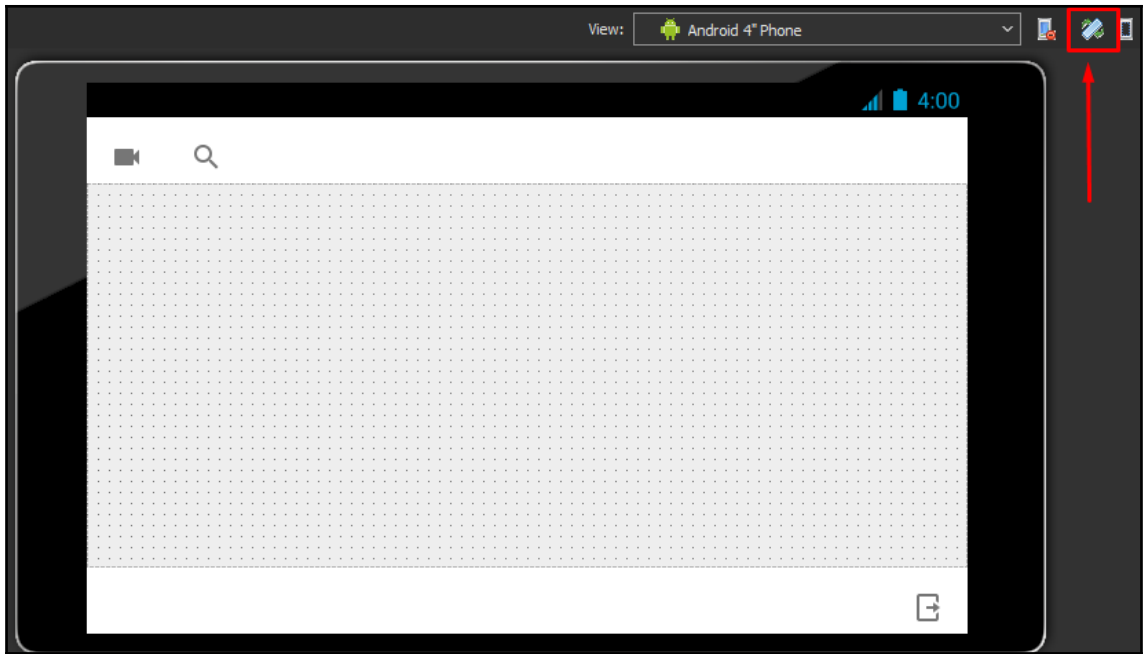


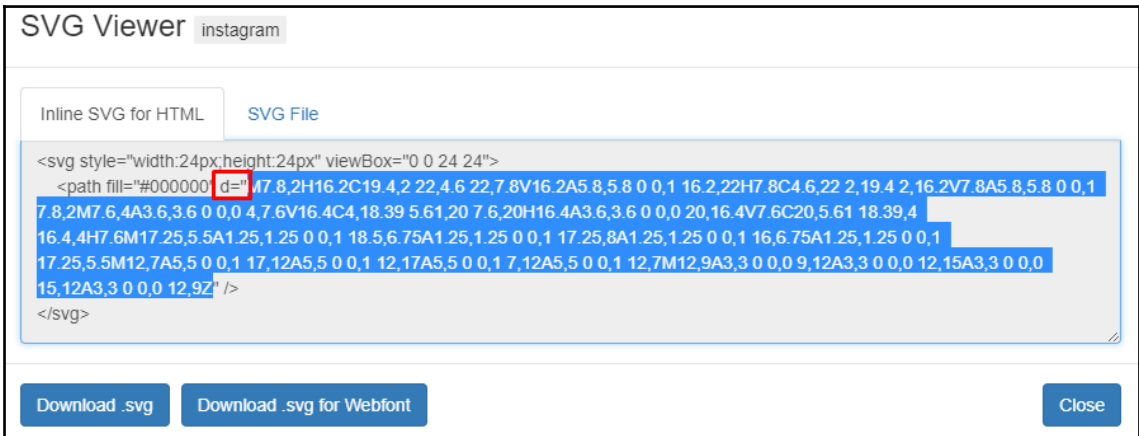
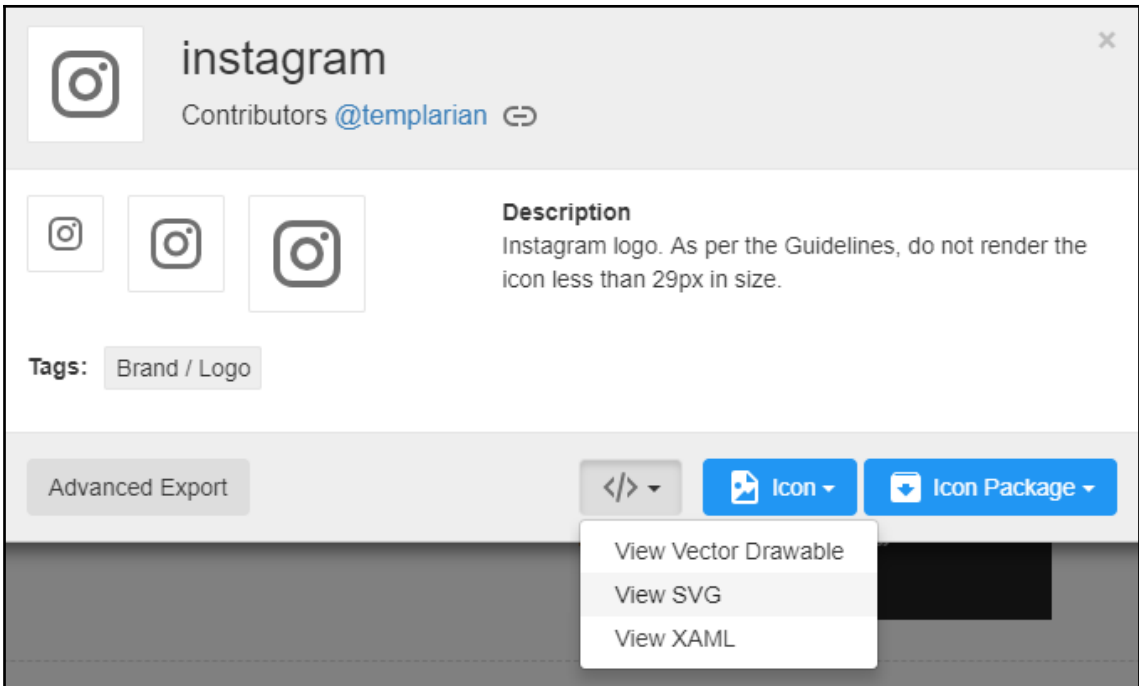
Chapter 1: Building an Instagram Clone

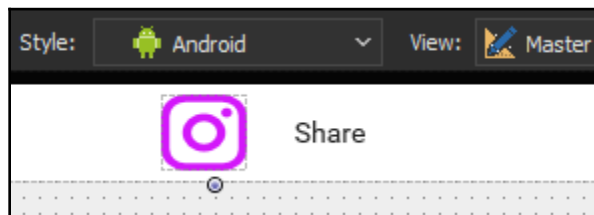
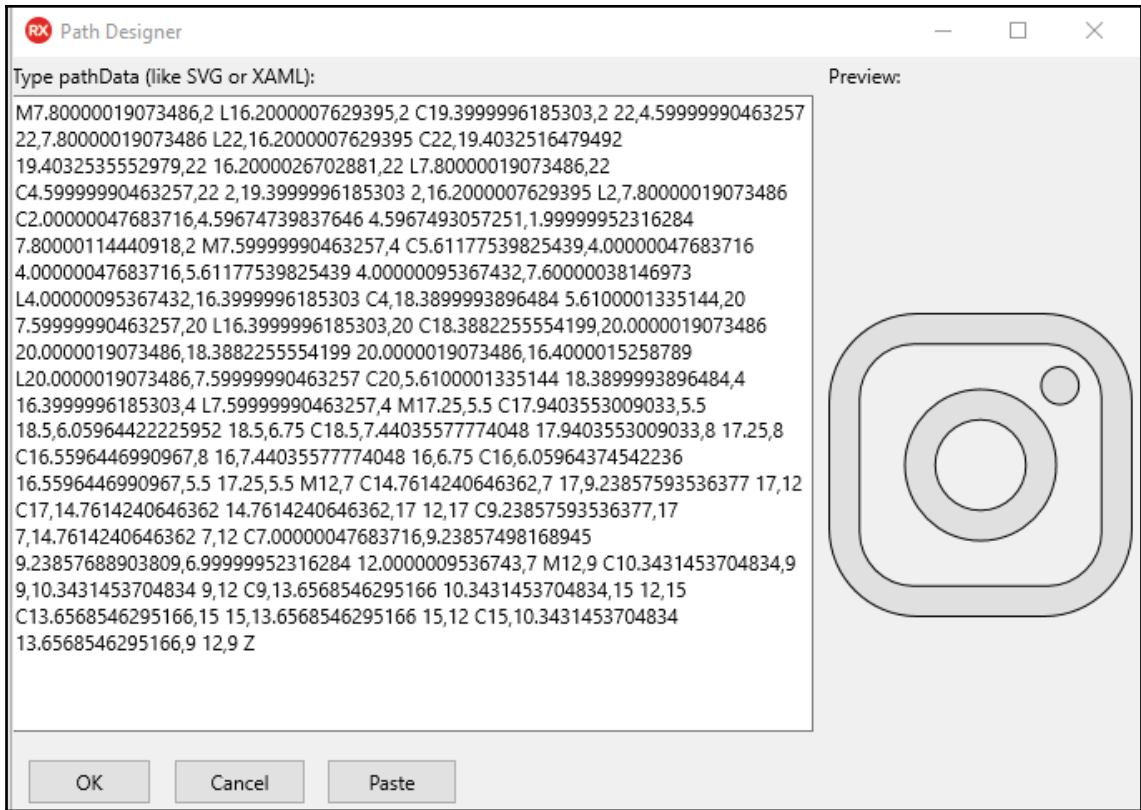


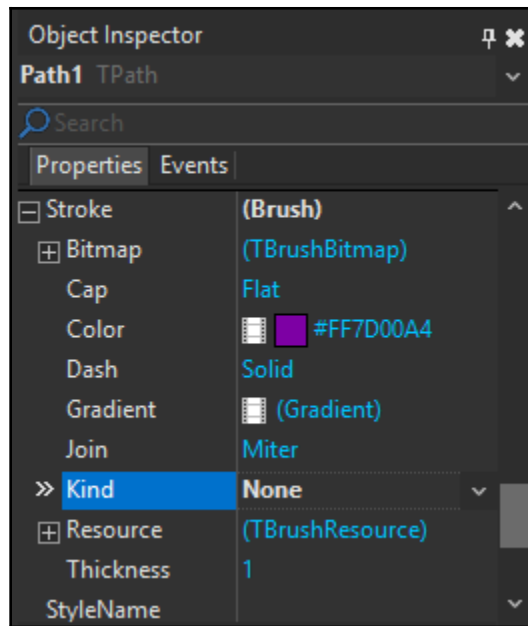


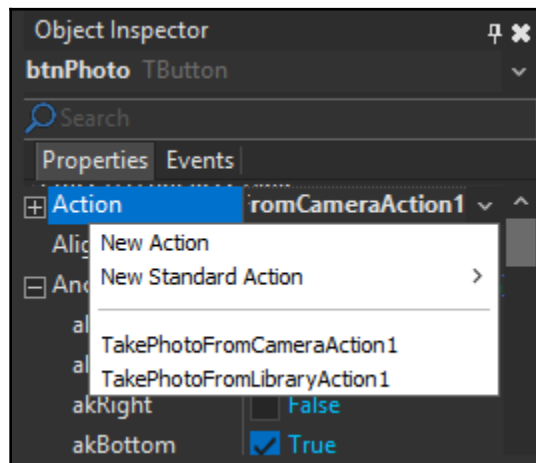
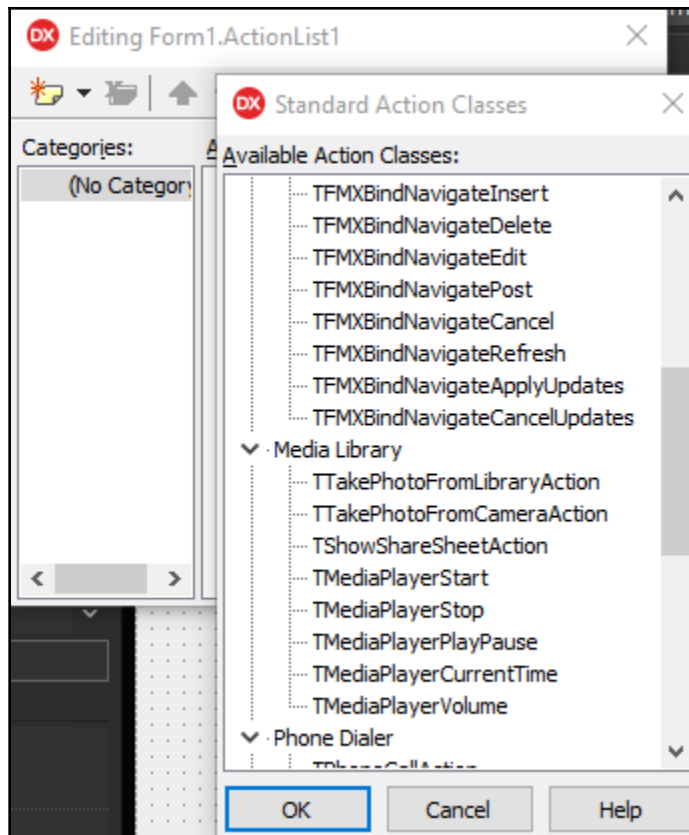


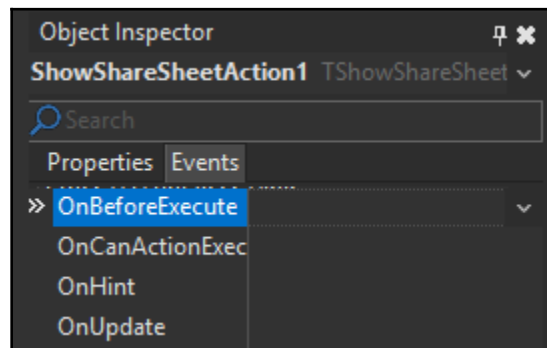
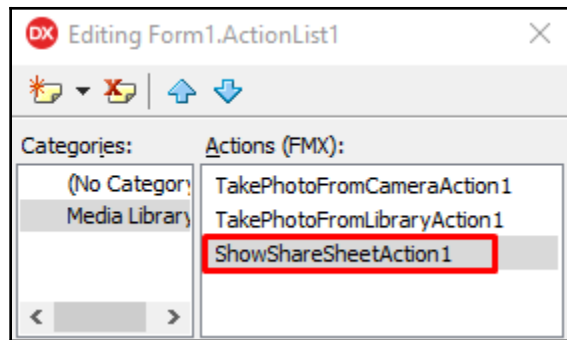


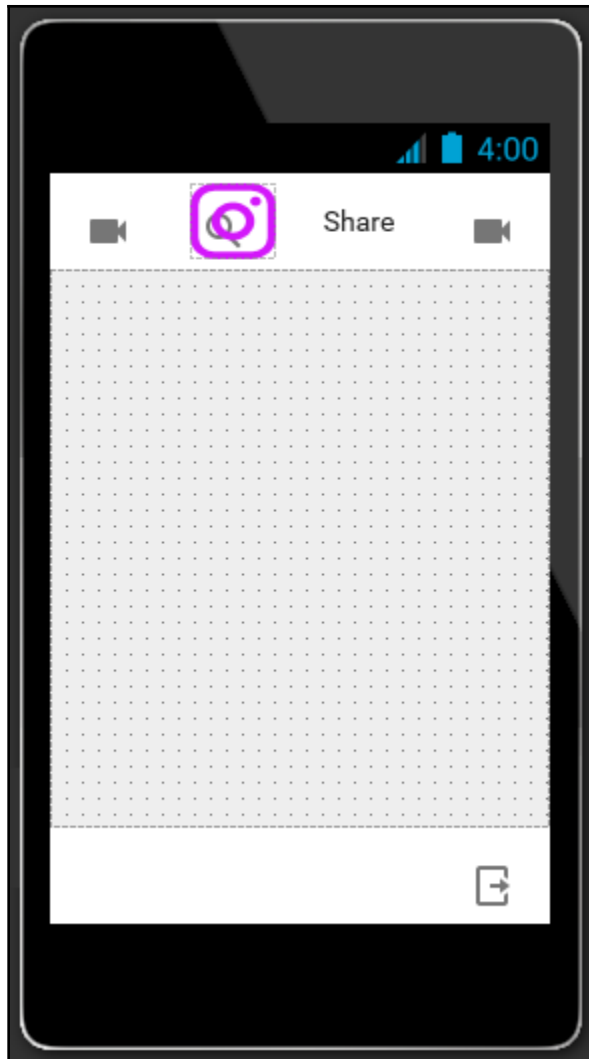


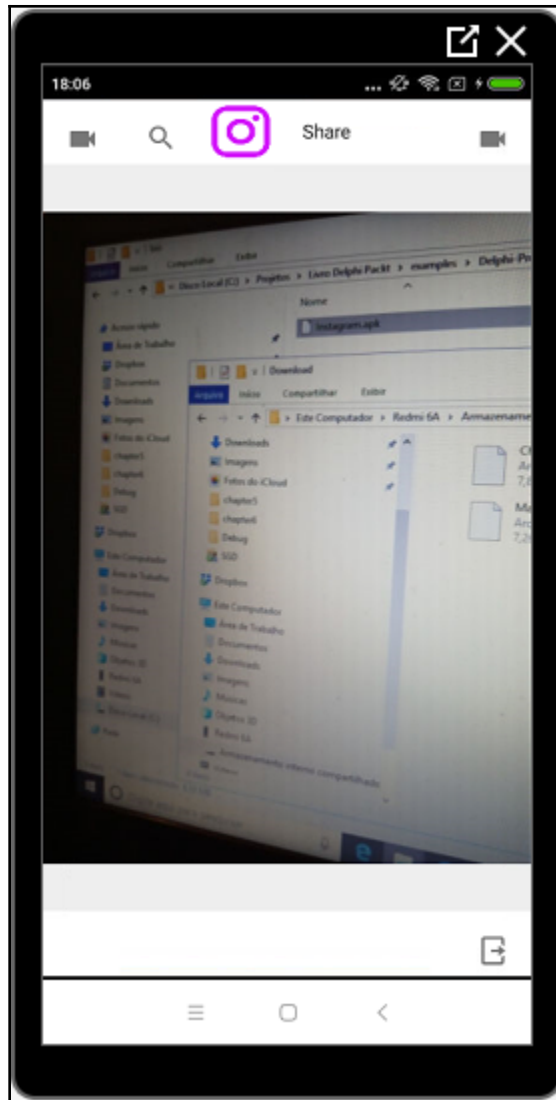




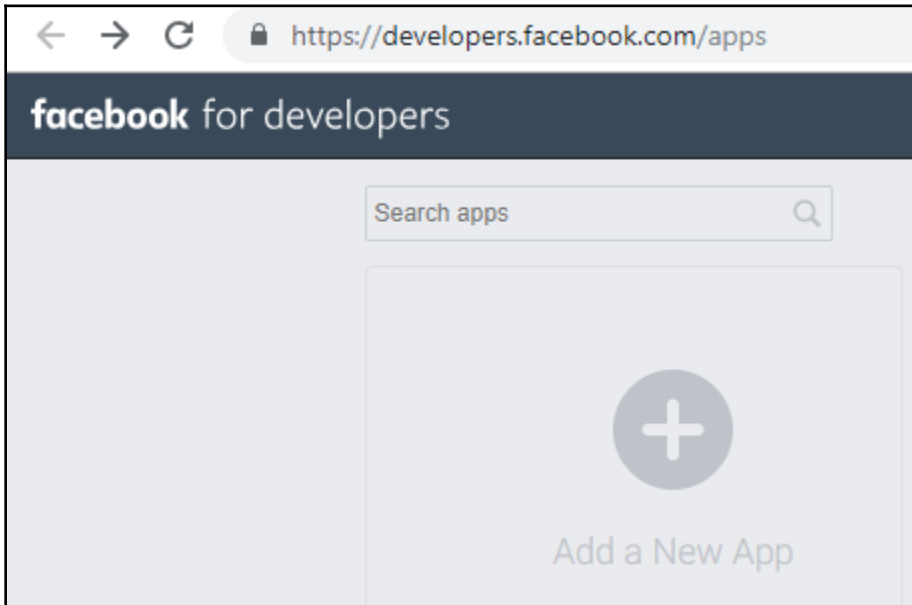








Chapter 2: Building a Facebook REST API



Create a New App ID

Get started integrating Facebook into your app or website

[Create a New App ID](#)

Display Name


Contact Email

By proceeding, you agree to the Facebook Platform Policies

Security Check

Please complete the Security Check.

I'm not a robot.


reCAPTCHA
Privacidade - Termos

[Why am I seeing this?](#)

If you think this doesn't go against our Community Standards let us know.

By proceeding, you agree to the Facebook Platform Policies


Select a Scenario

Select one of the following scenarios to get product-specific help content as you build your app. If you already have your project mapped out and are ready to build, feel free to skip this step.

		Examples
<input type="checkbox"/>	Implement Marketing API Get programmatic access to the Facebooks ads platform to automate ads management, create data-based audiences and more.	<ul style="list-style-type: none"> Target audiences strategically by automatically creating different ads permutations Manage and optimize ads in real time with rules-based ads management
<input type="checkbox"/>	Get Started with the Ads Insights API Get programmatic access to Facebooks Ads Insights.	<ul style="list-style-type: none"> Provides a single, consistent interface to retrieve ad statistics
<input checked="" type="checkbox"/>	Integrate Facebook Login A secure, fast and convenient way for people to create accounts and log into your app across multiple platforms.	<ul style="list-style-type: none"> Create accounts without having to set a password Personalize peoples' in-app experiences

Invalid Privacy Policy URL


You must provide a valid Privacy Policy URL in order take your app Live. Go to [Basic Settings](#) and make sure it is valid.


 **Finish Facebook Login Quickstart** x


Just a few more steps to go to integrate Facebook Login to DelphiProjectsPackt_2 and give people the ability to log in with their Facebook account.


Finish Quickstart

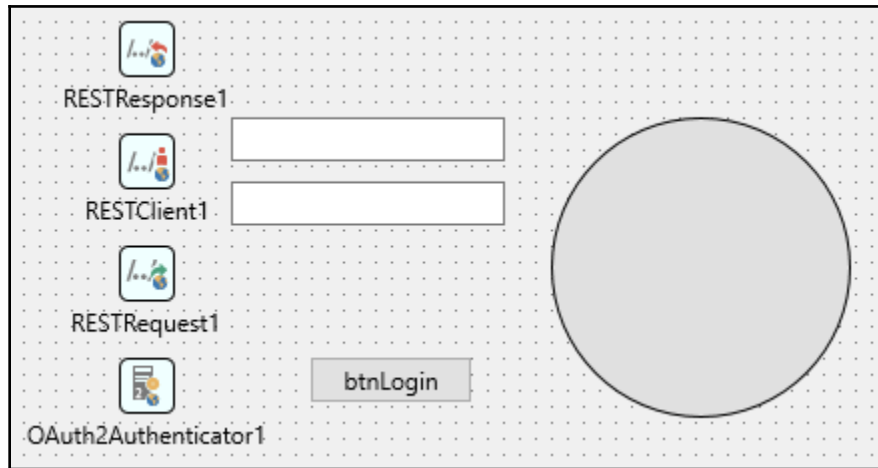
Use the Quickstart to add Facebook Login to your app. To get started, select the platform for this app.






iOS

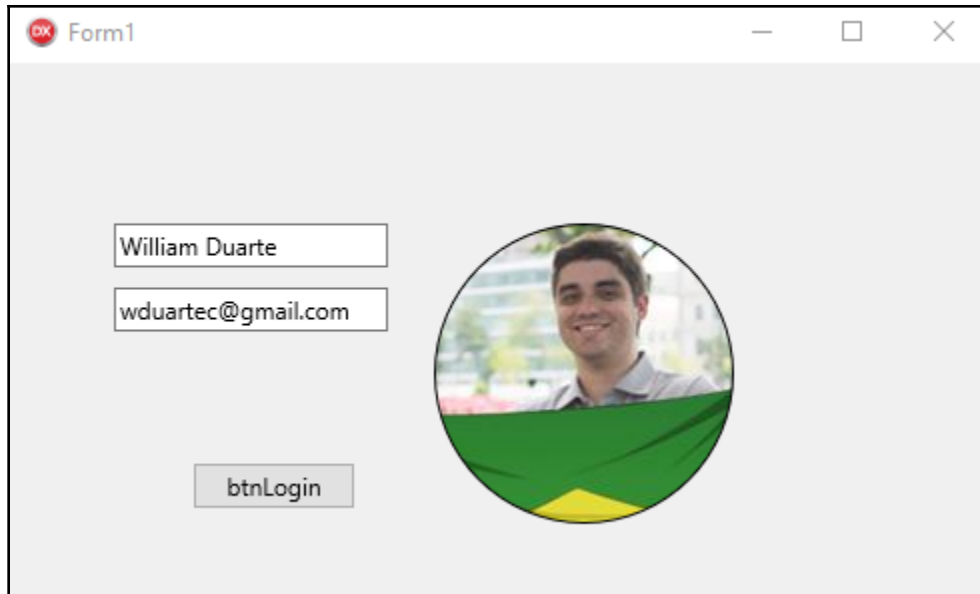

Android


Web

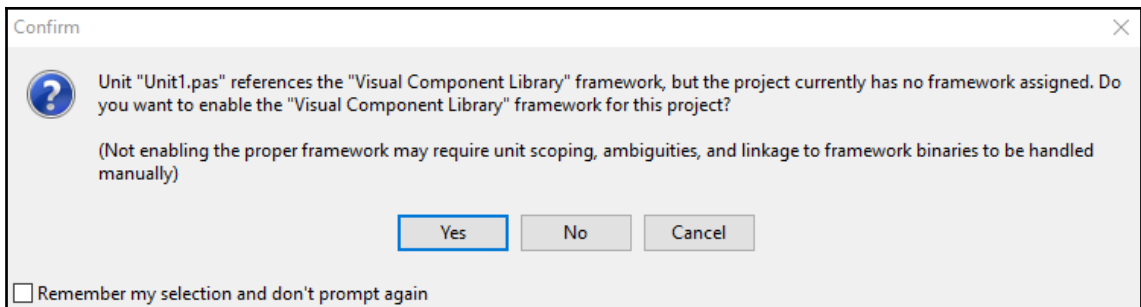
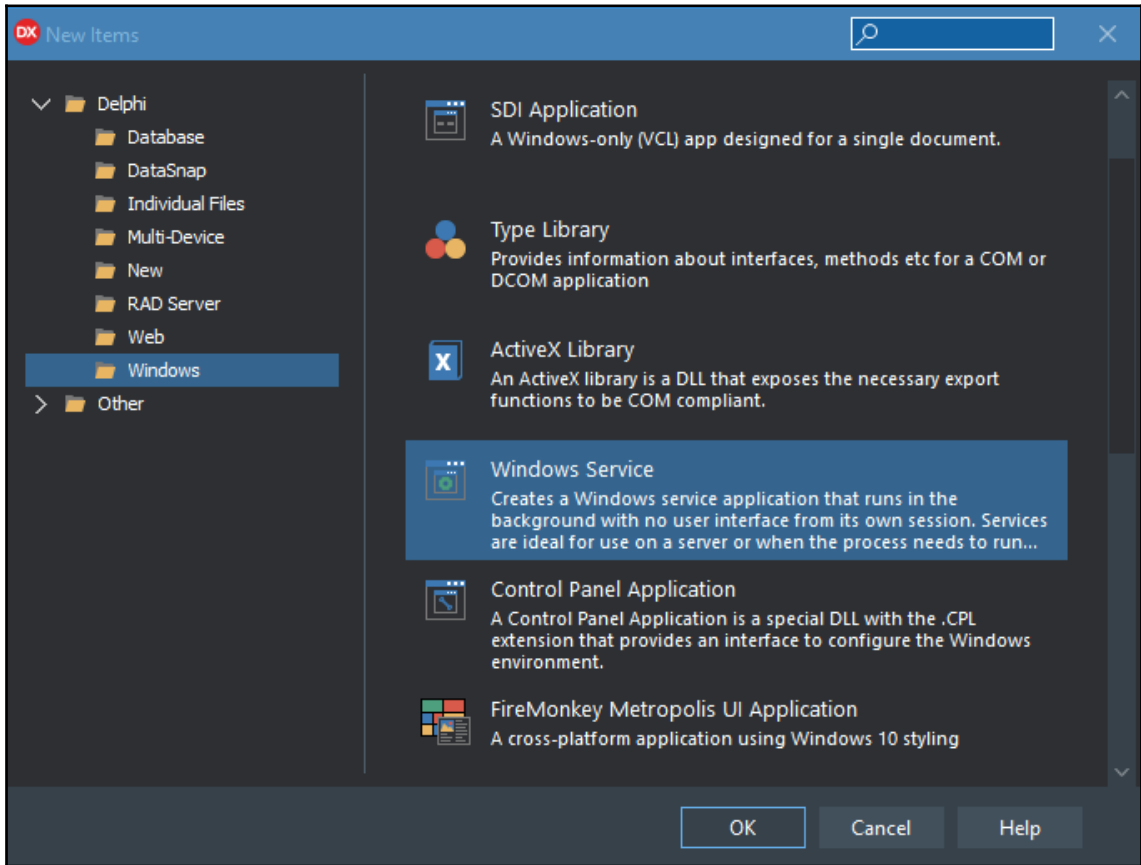

Other

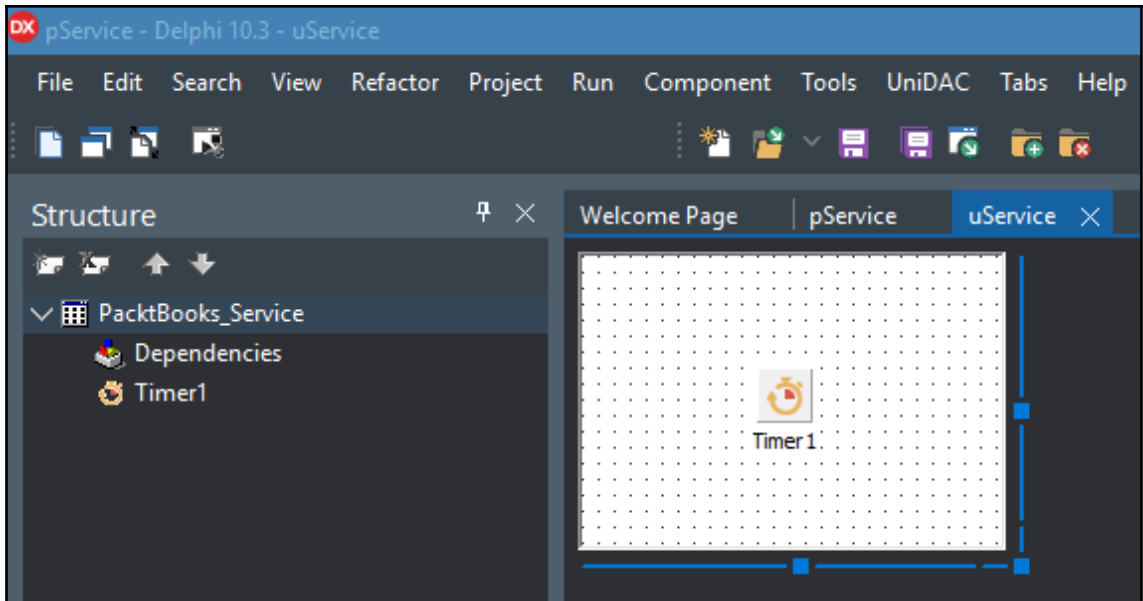


- ▼  FrmLogin
- ▼  Rectangle1
-  btnCancel
-  WebBrowser1



Chapter 3: Cross-Platform Services for Windows, iOS, and Android





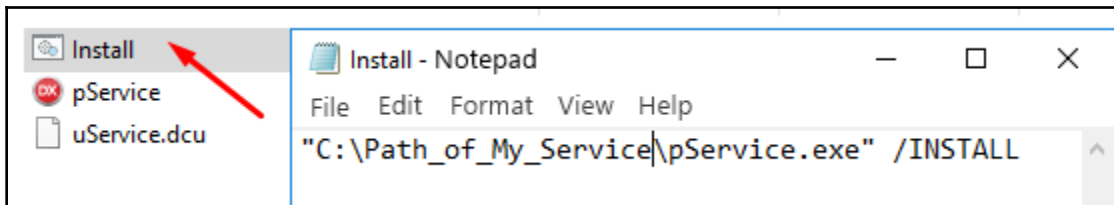
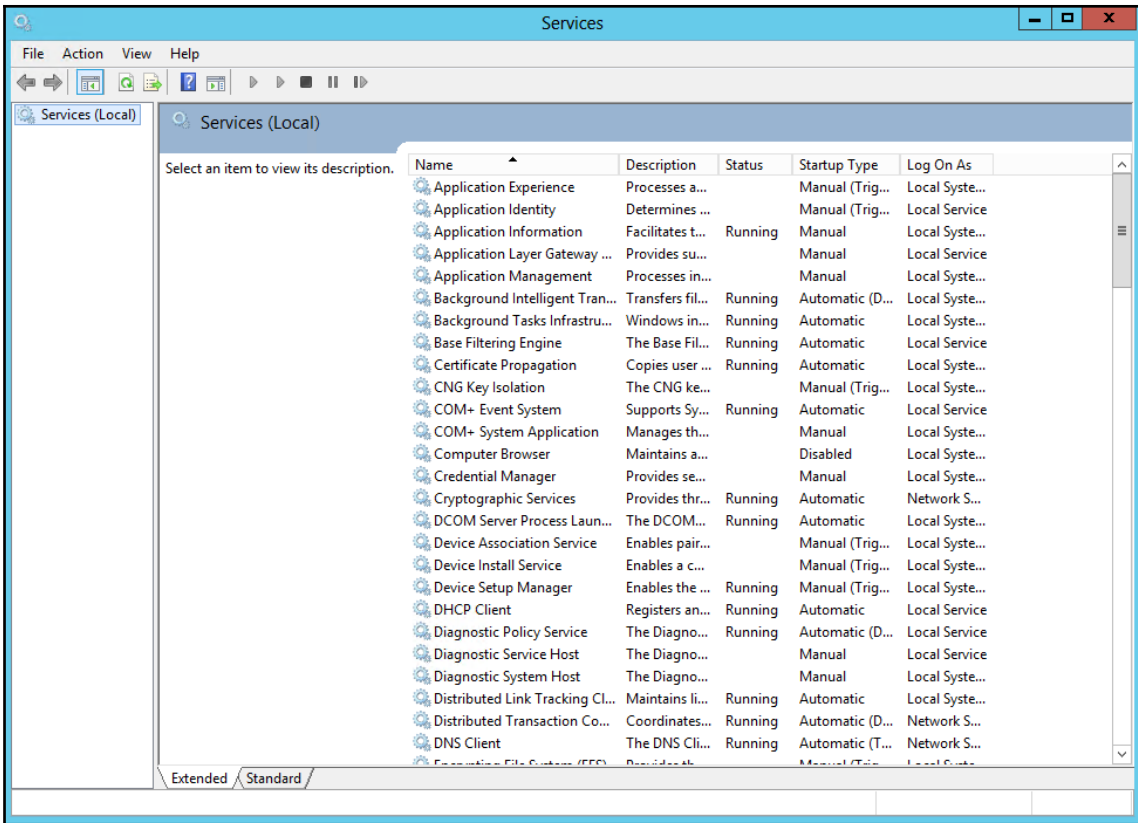
Task Manager

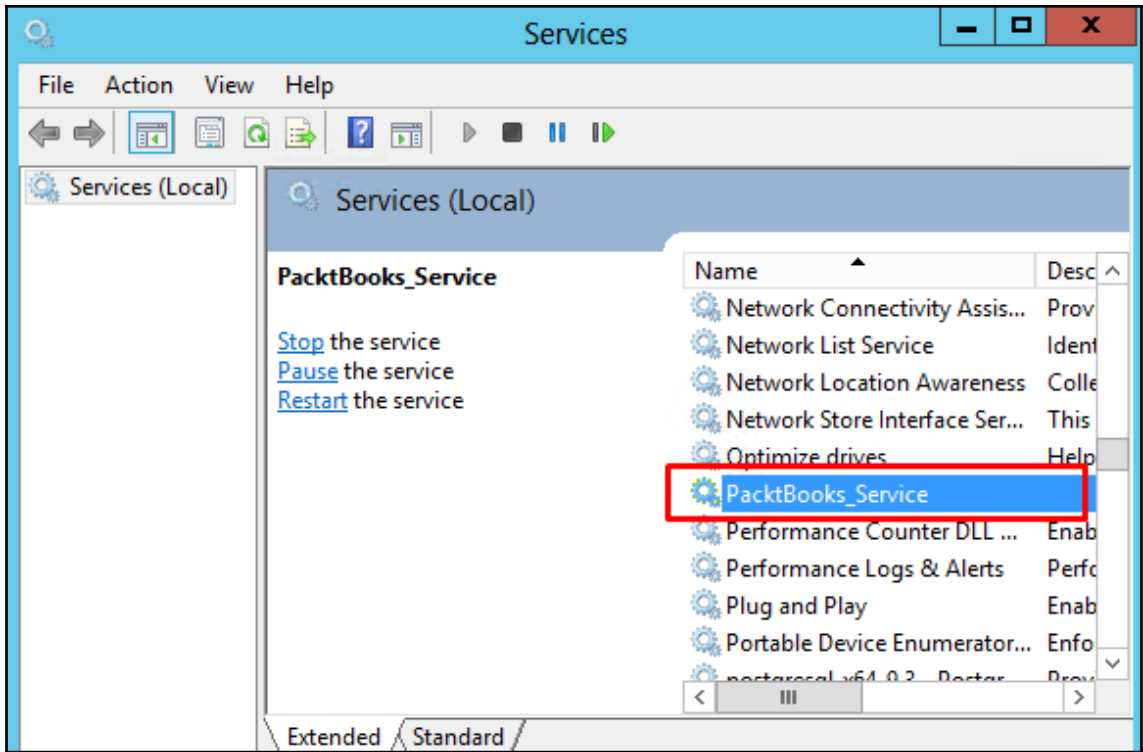
File Options View

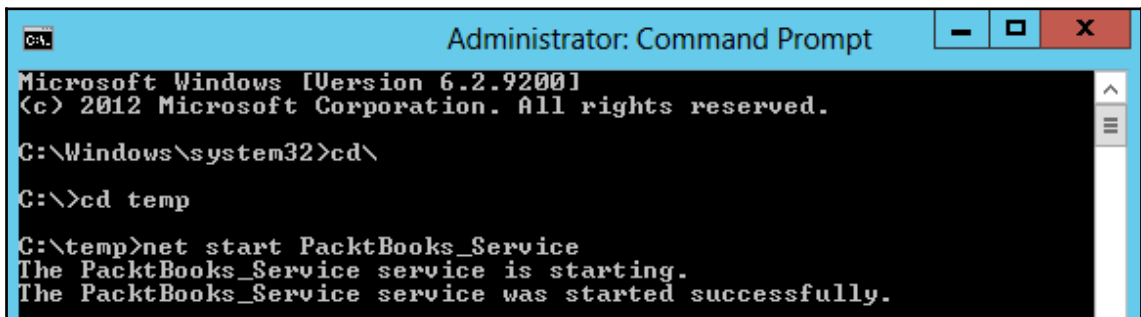
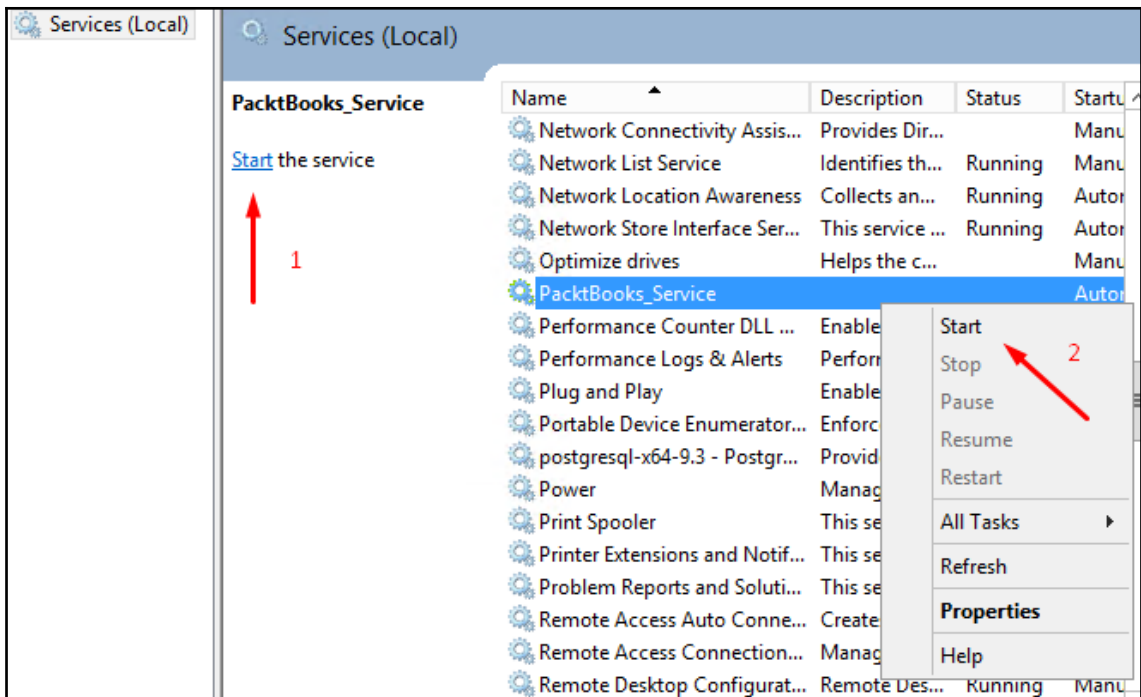
Processes Performance Users Details Services

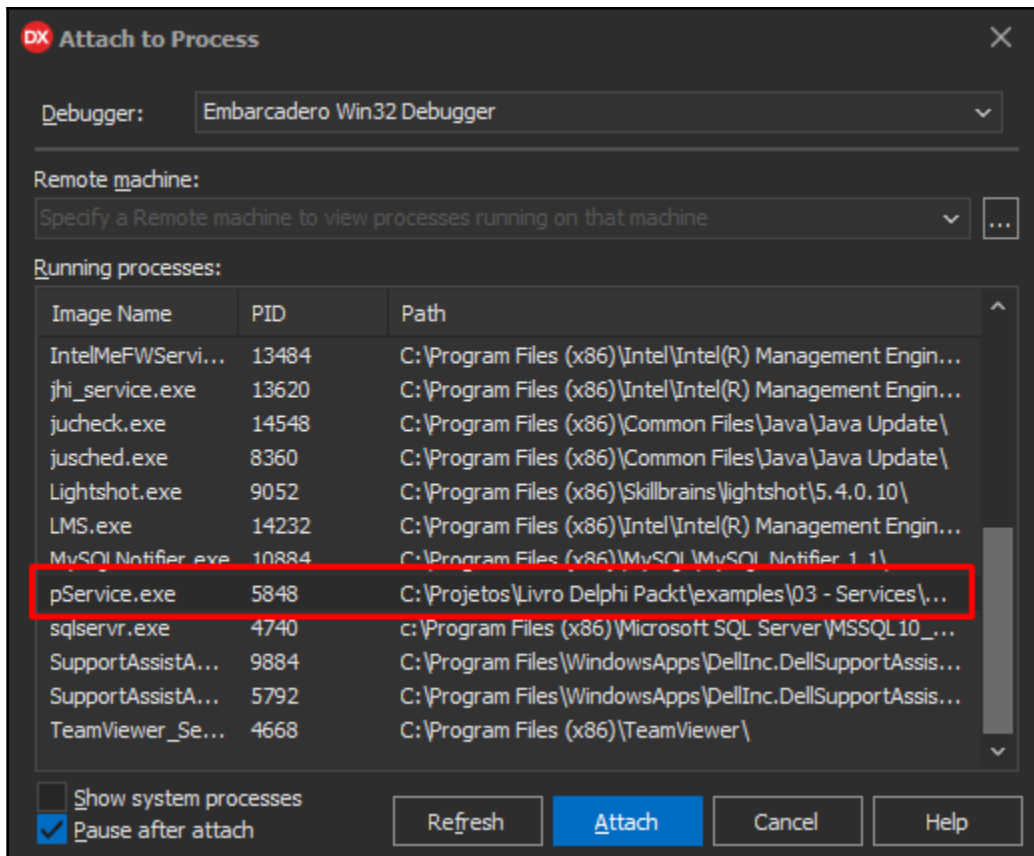
Name	PID	Description	Status	Group
wudfsvc	400	Windows Driver Foundation - Us...	Running	LocalSystemN...
WinRM	484	Windows Remote Management (...)	Running	NetworkService
Winmgmt	912	Windows Management Instrume...	Running	netsvcs
WinHttpAutoProxySvc	964	WinHTTP Web Proxy Auto-Disco...	Running	LocalService
W32Time	964	Windows Time	Running	LocalService
UmRdpService	400	Remote Desktop Services UserM...	Running	LocalSystemN...
UALSVC	400	User Access Logging Service	Running	LocalSystemN...
TrkWks	400	Distributed Link Tracking Client	Running	LocalSystemN...
Themes	912	Themes	Running	netsvcs
TermService	1712	Remote Desktop Services	Running	termsvcs
TeamViewer8	1596	TeamViewer 8	Running	
Spooler	1412	Print Spooler	Running	
ShellHWDetection	912	Shell Hardware Detection	Running	netsvcs
SessionEnv	912	Remote Desktop Configuration	Running	netsvcs
SENS	912	System Event Notification Service	Running	netsvcs
seclogon	912	Secondary Logon	Running	netsvcs
Schedule	912	Task Scheduler	Running	netsvcs
SamSs	668	Security Accounts Manager	Running	
RpcSs	820	Remote Procedure Call (RPC)	Running	rpcss
RpcEptMapper	820	RPC Endpoint Mapper	Running	RPCSS
ProfSvc	912	User Profile Service	Running	netsvcs
Power	772	Power	Running	DcomLaunch
postgresql-x64-9.3	2308	postgresql-x64-9.3 - PostgreSQL ...	Running	
PolicyAgent	2112	IPsec Policy Agent	Running	NetworkServic...
PlugPlay	772	Plug and Play	Running	DcomLaunch
nsi	964	Network Store Interface Service	Running	LocalService
NlaSvc	484	Network Location Awareness	Running	NetworkService
netprofm	964	Network List Service	Running	LocalService
Netlogon	668	Netlogon	Running	
MSDTC	3100	Distributed Transaction Coordin...	Running	

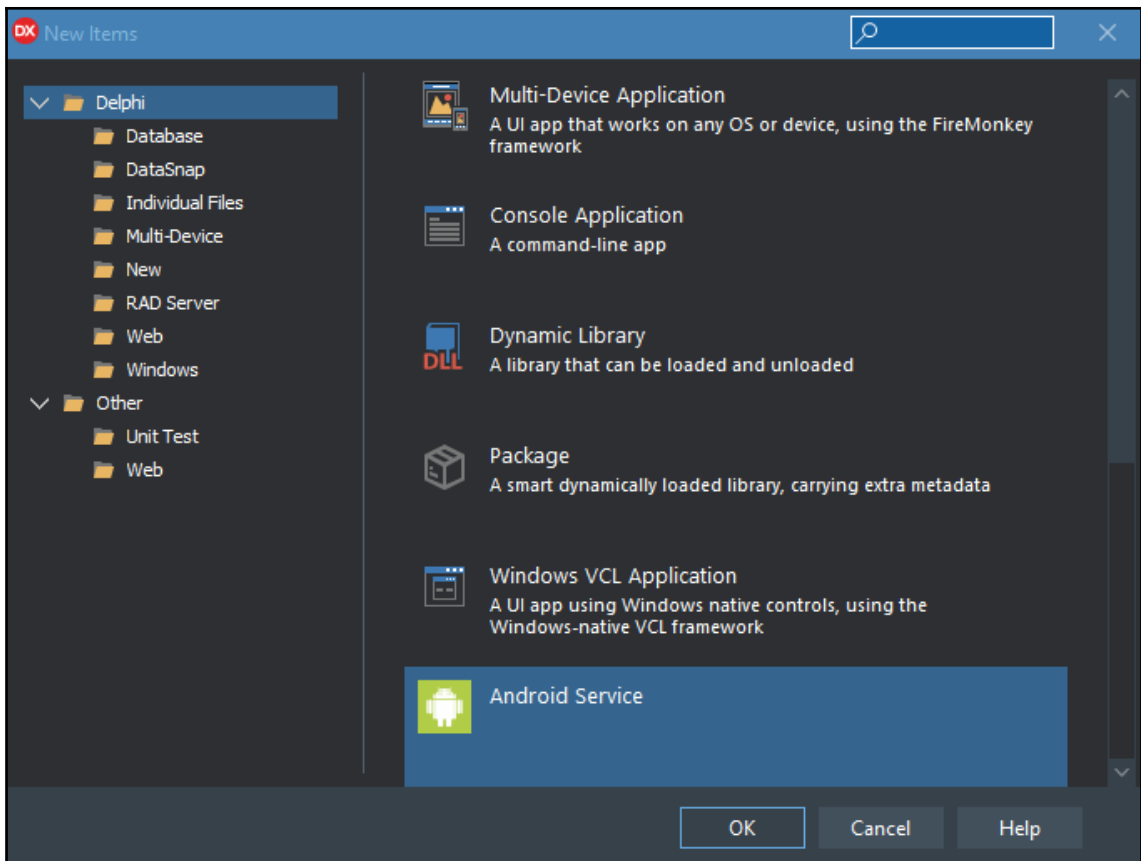
Fewer details |
 Open Services

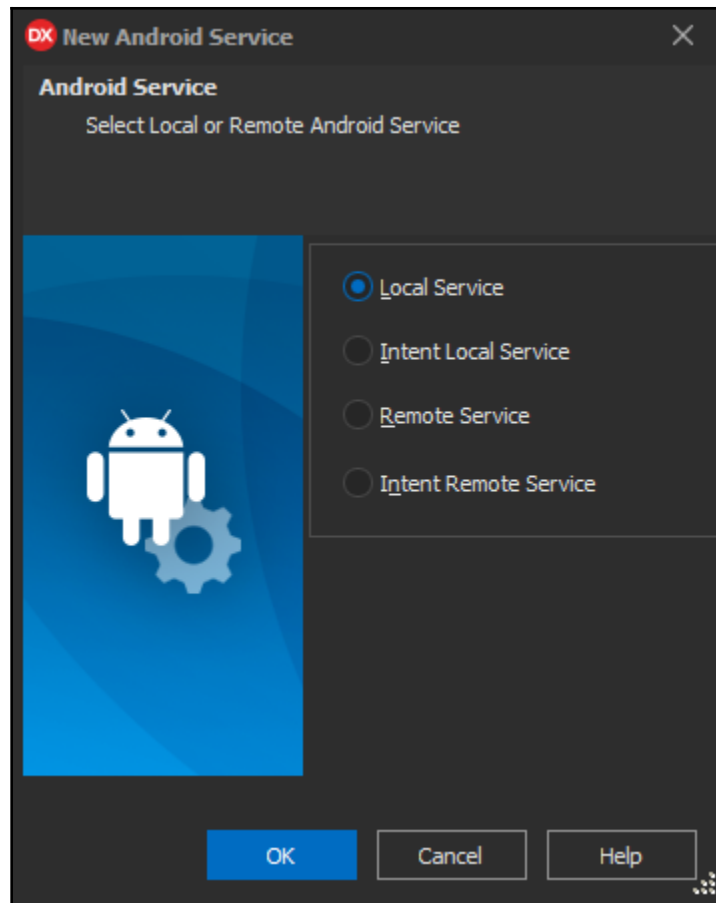


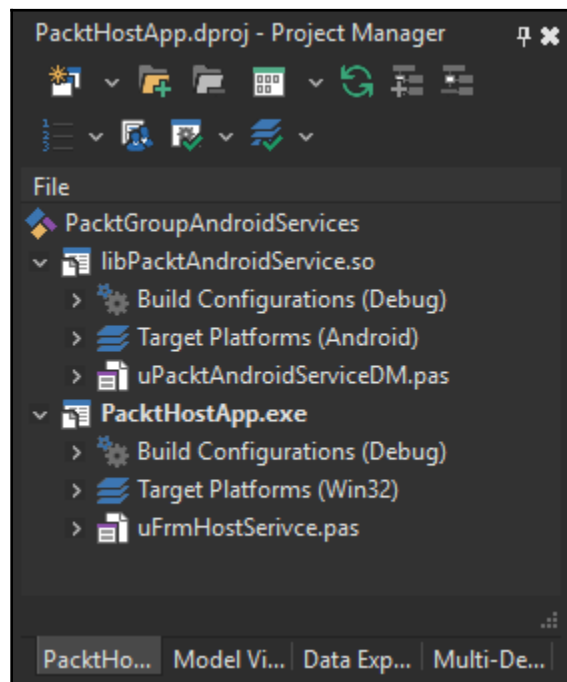
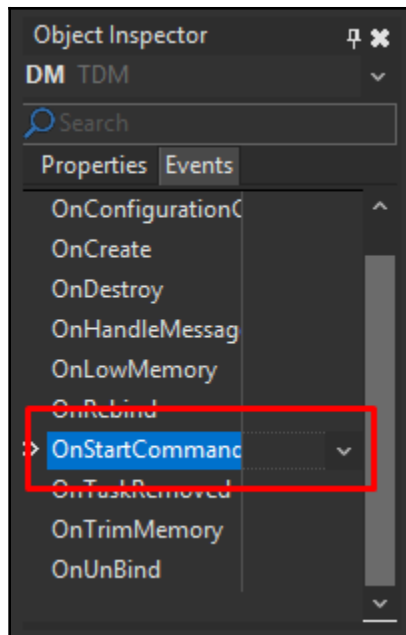


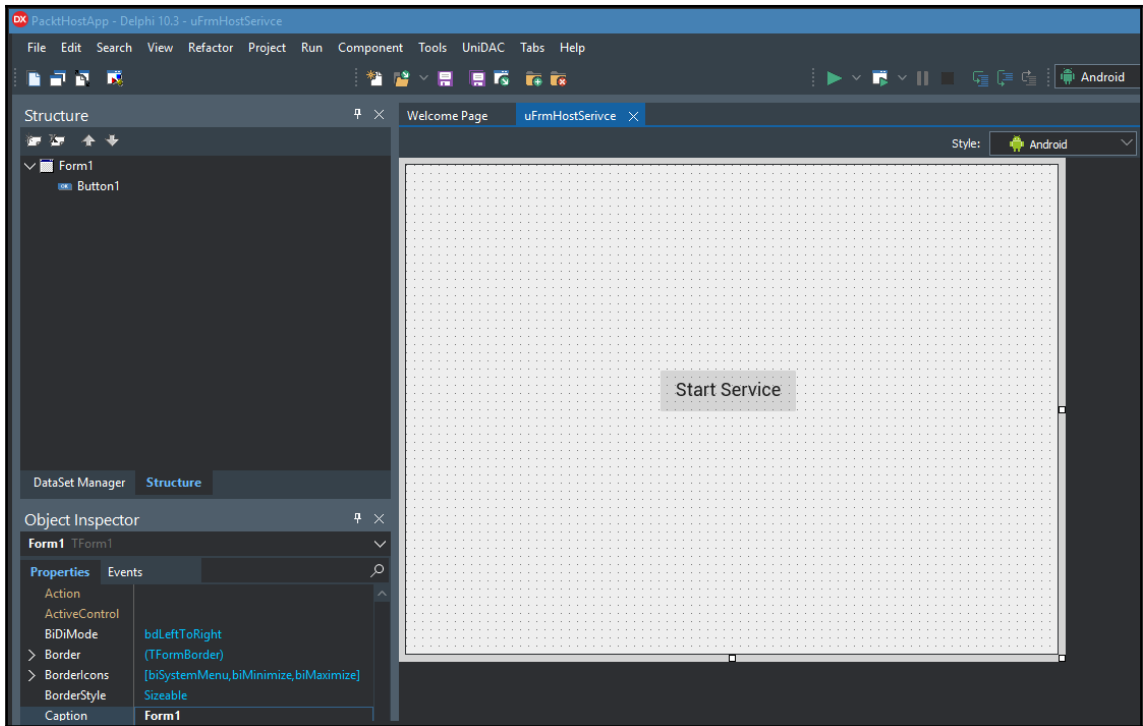


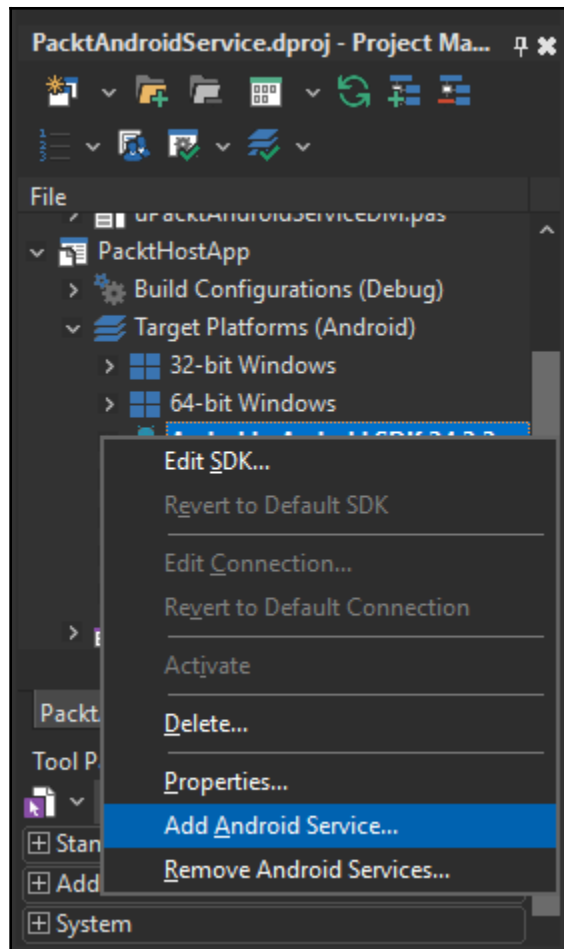


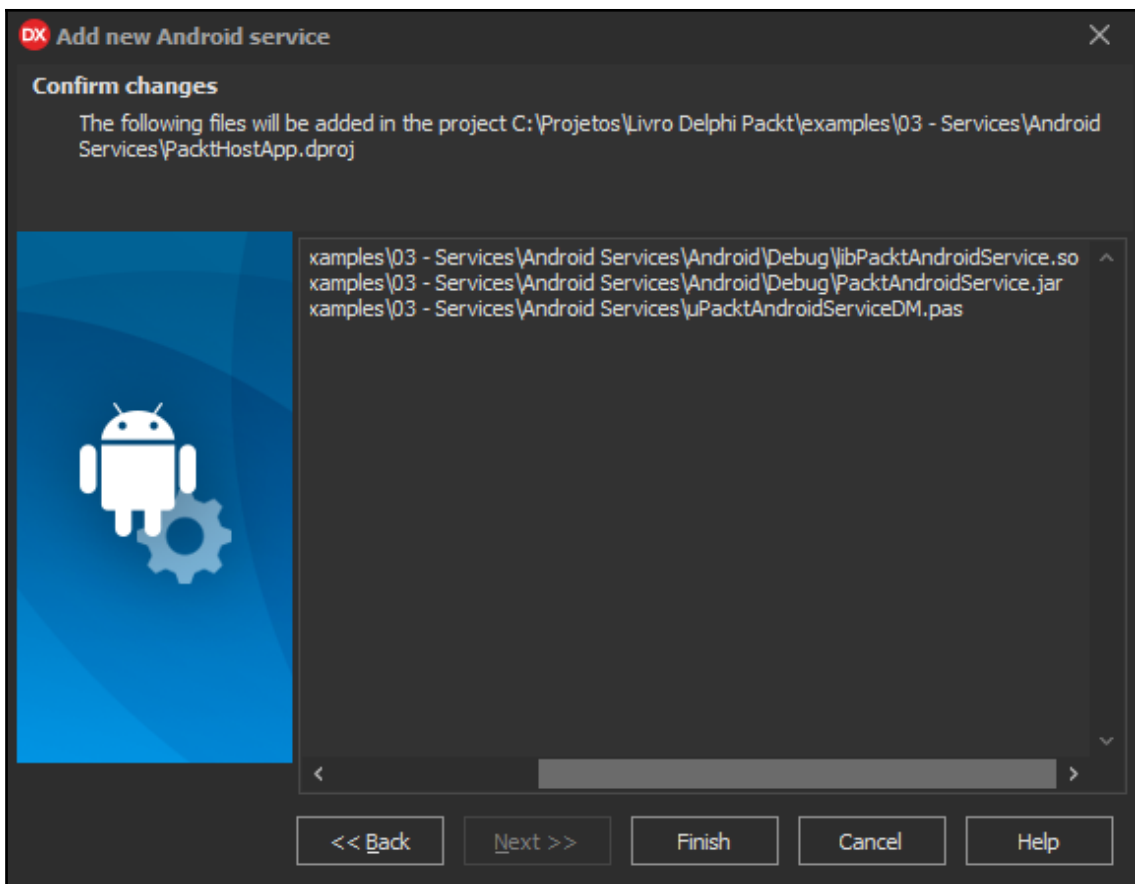


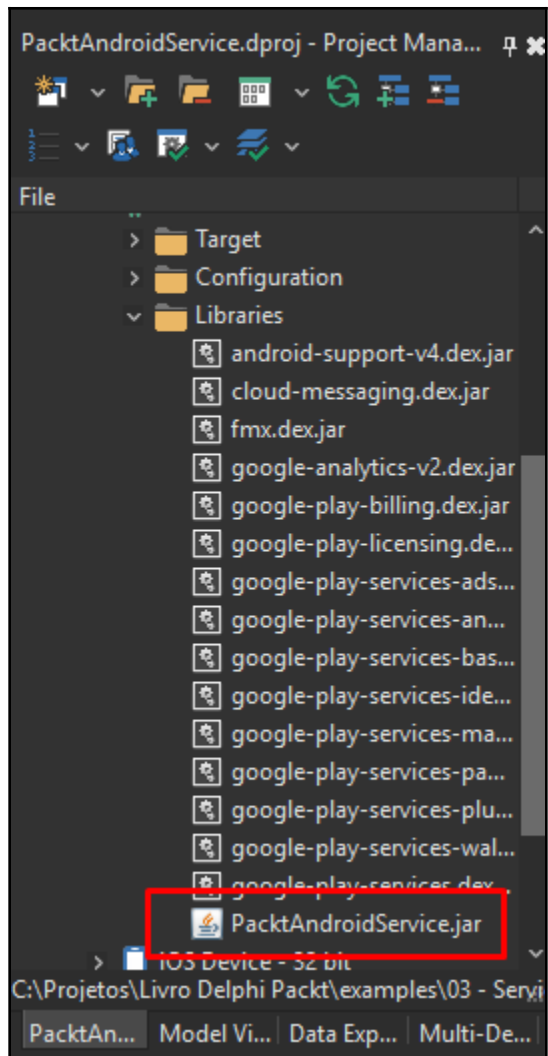


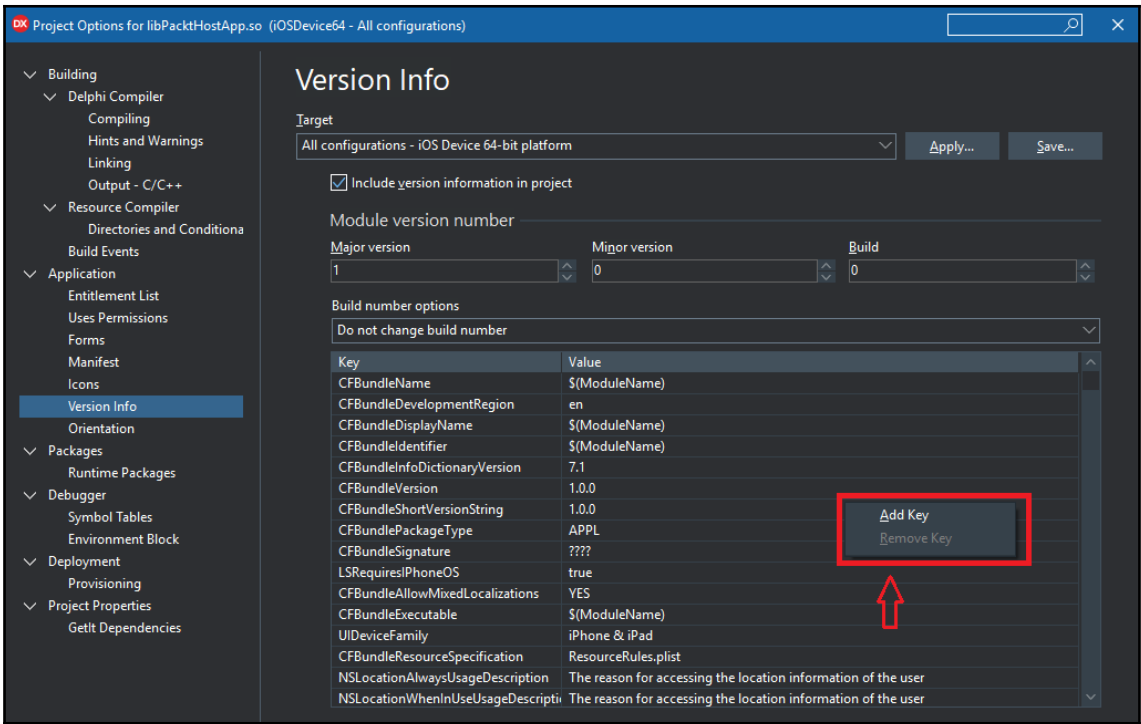


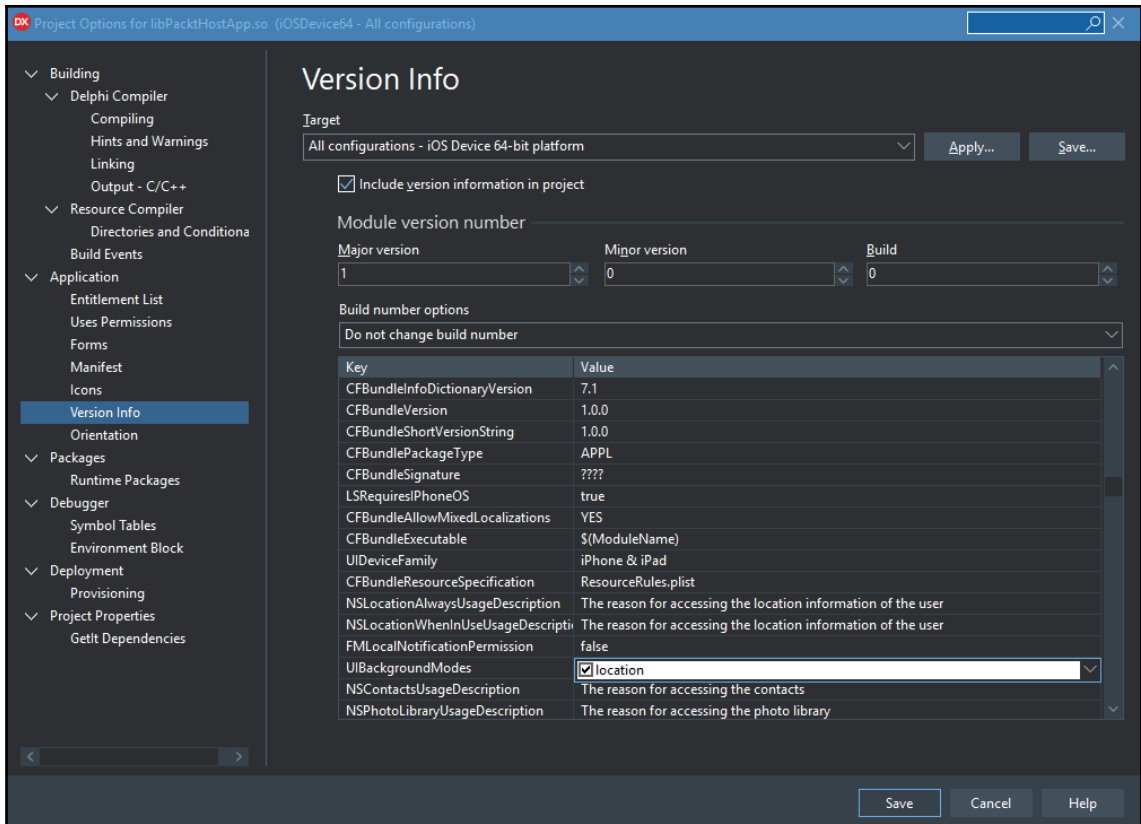




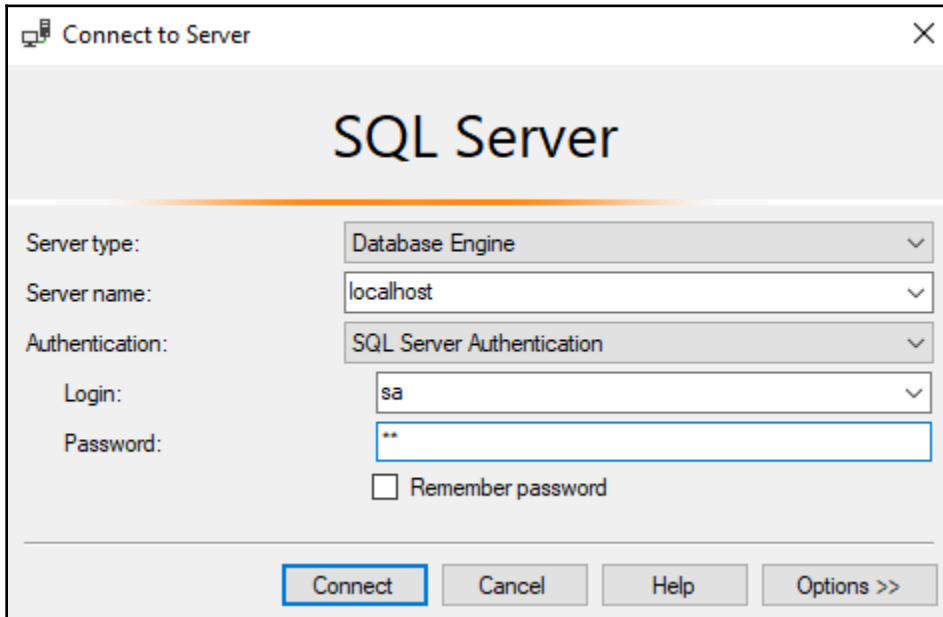








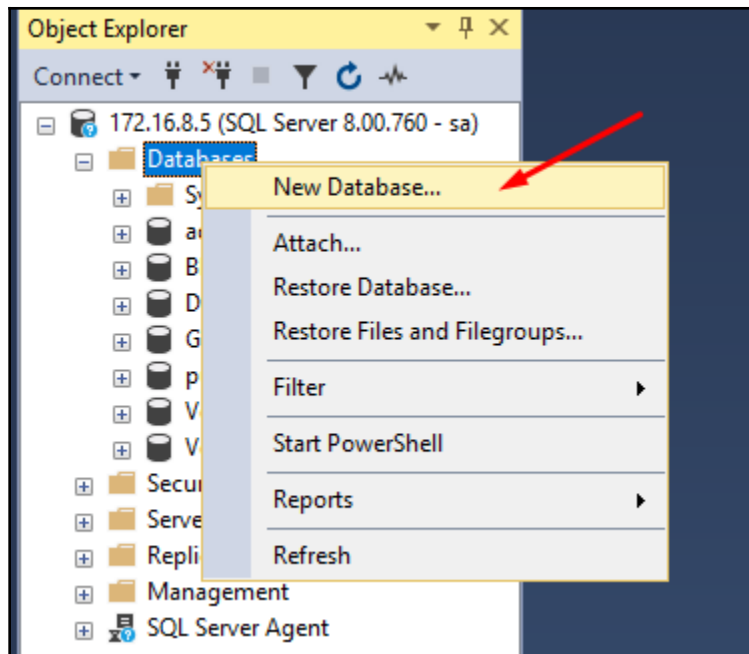
Chapter 4: Design Patterns to Build a Multi-Database System

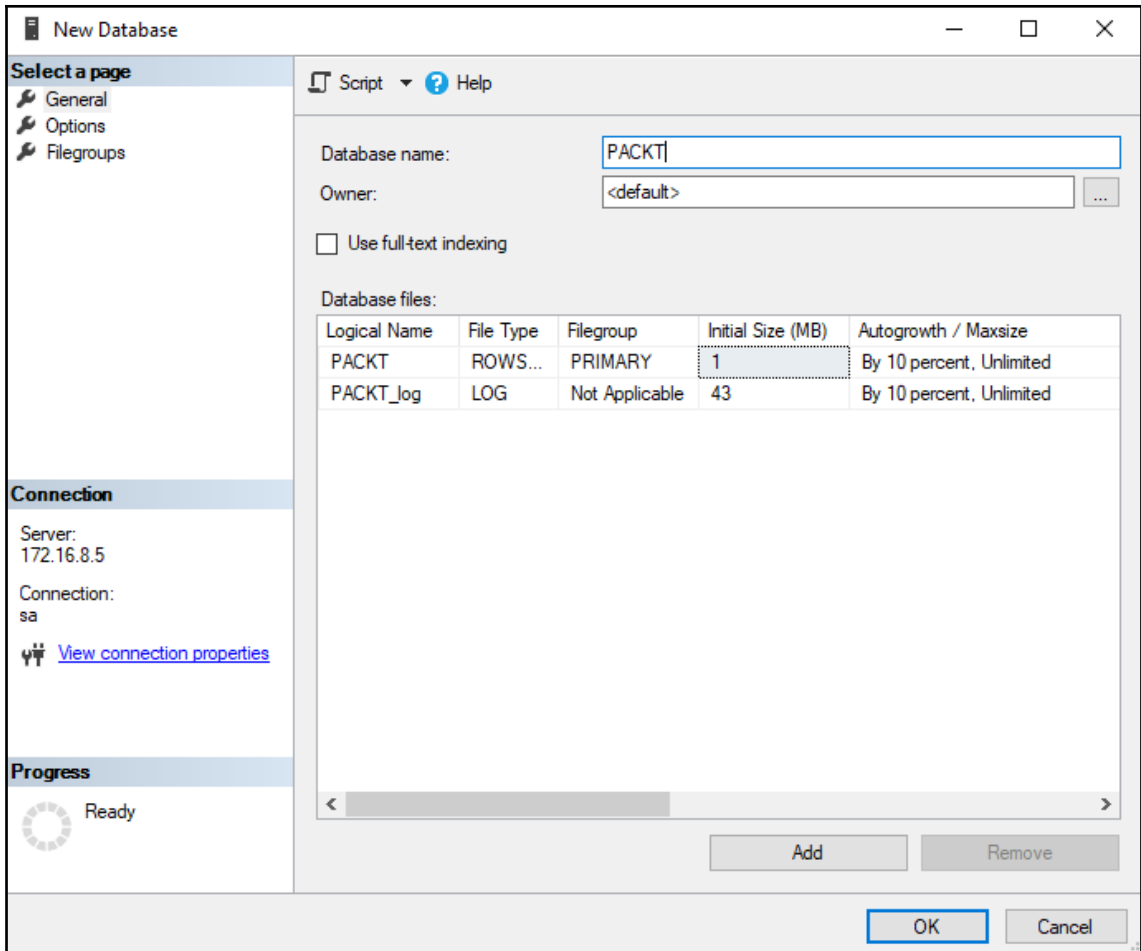


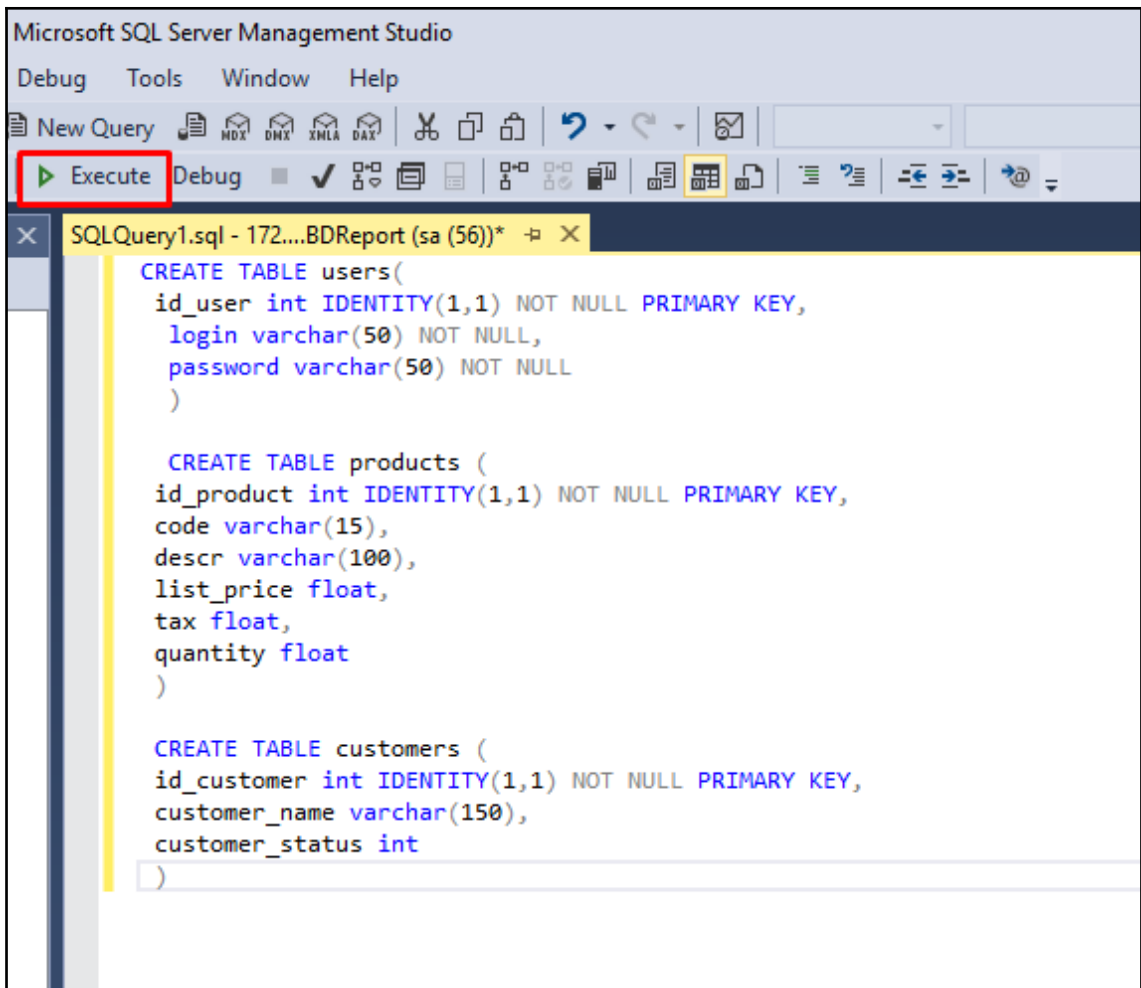
The image shows a screenshot of the 'Connect to Server' dialog box in SQL Server Enterprise Manager. The dialog box has a title bar with a minimize icon, the text 'Connect to Server', and a close icon. The main content area is titled 'SQL Server'. Below the title, there are several fields and a checkbox:

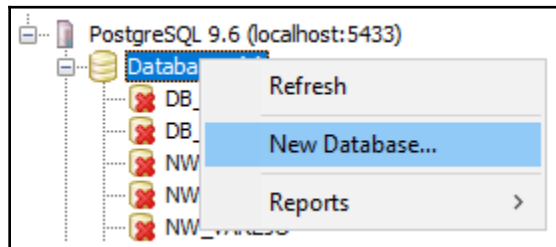
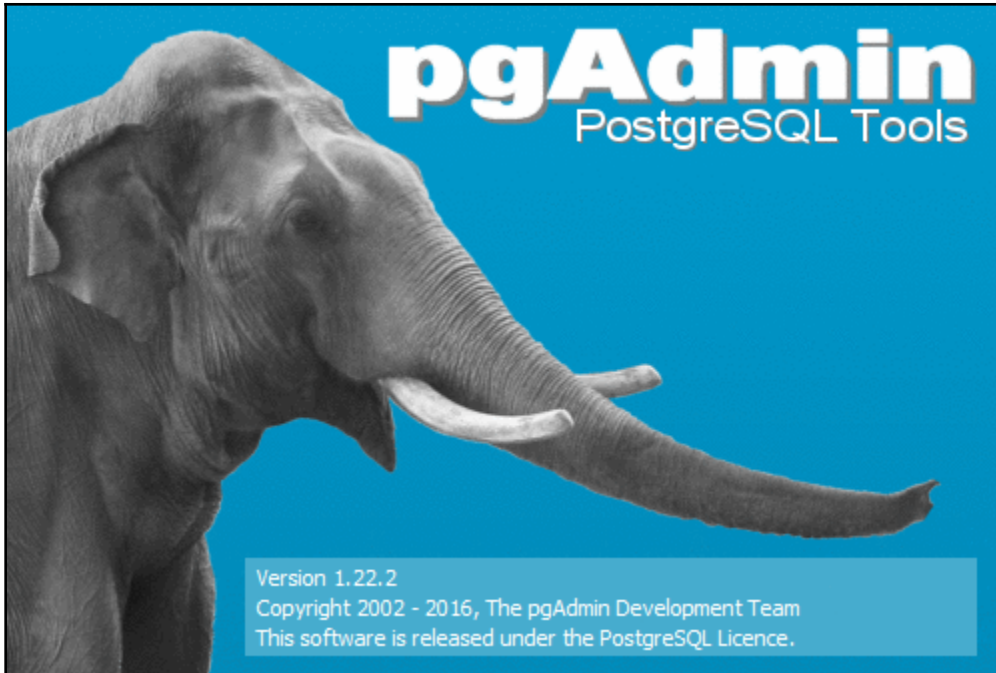
- Server type:** A dropdown menu with 'Database Engine' selected.
- Server name:** A dropdown menu with 'localhost' selected.
- Authentication:** A dropdown menu with 'SQL Server Authentication' selected.
- Login:** A dropdown menu with 'sa' selected.
- Password:** A text box containing two asterisks (**).
- Remember password

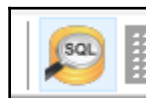
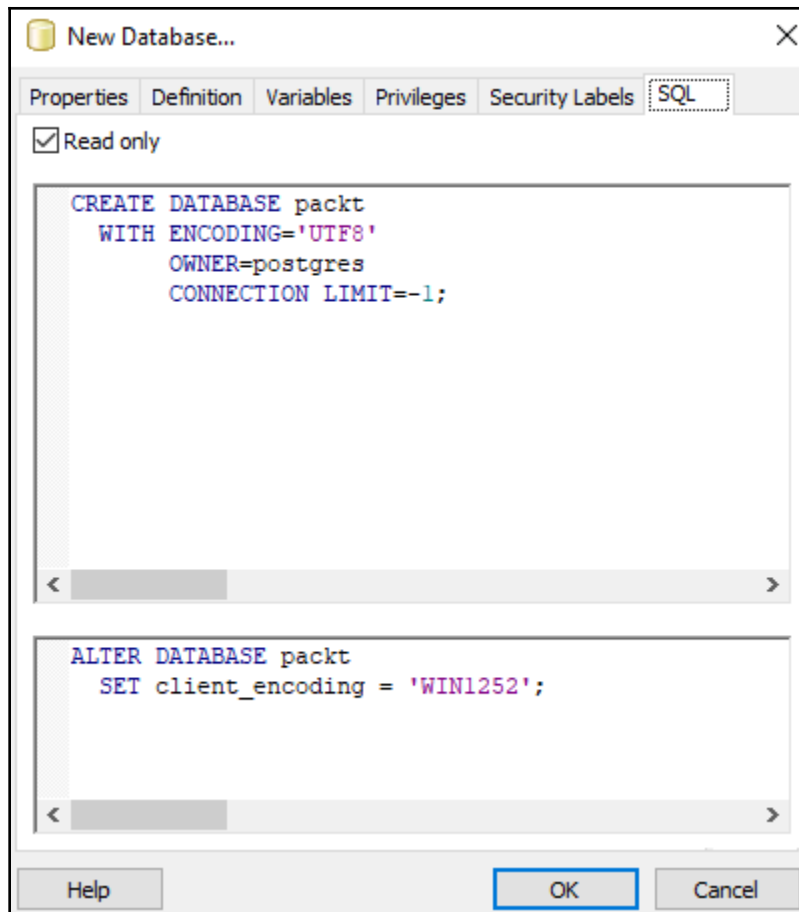
At the bottom of the dialog box, there are four buttons: 'Connect' (highlighted with a blue border), 'Cancel', 'Help', and 'Options >>'.

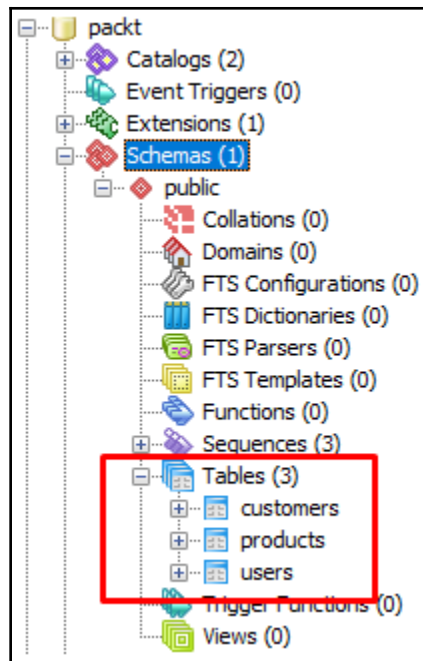


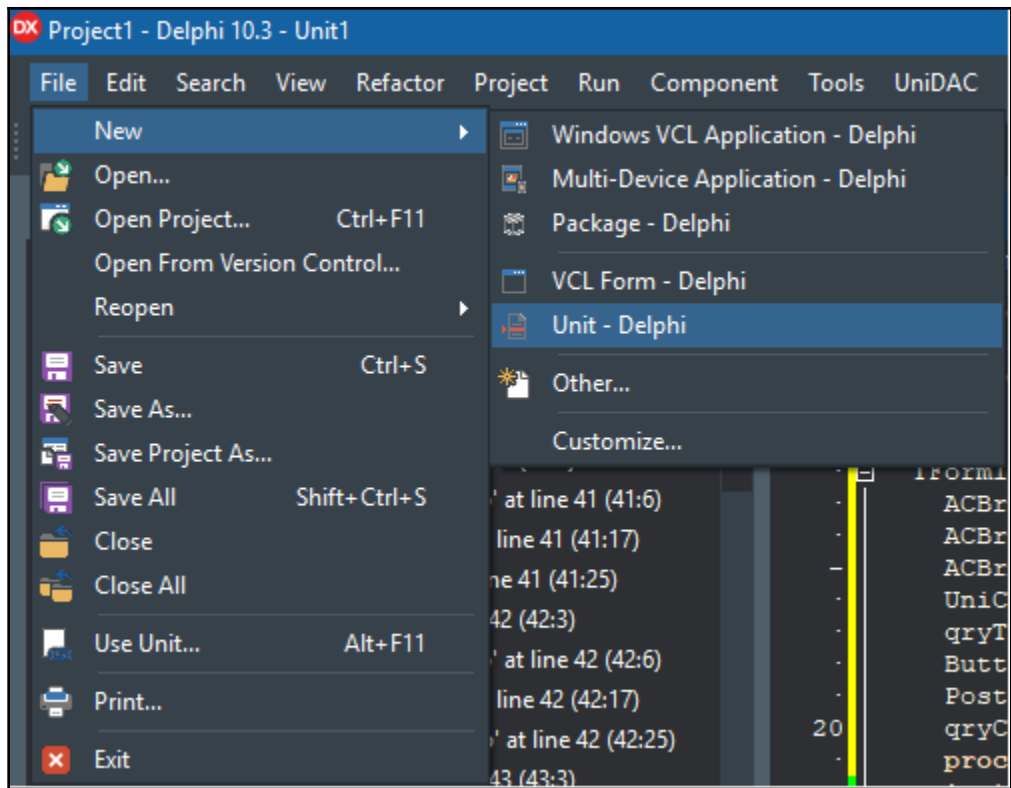








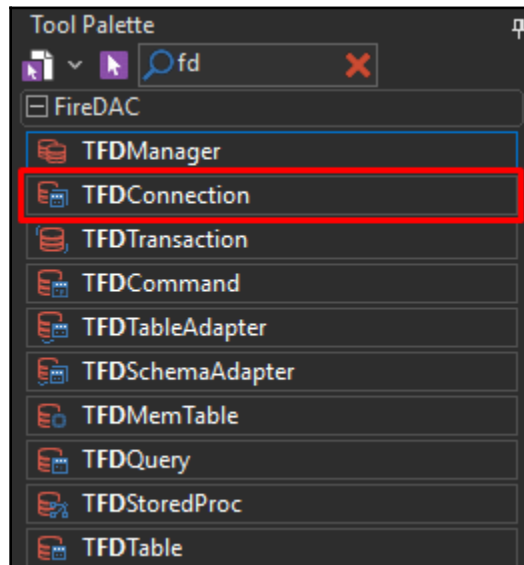
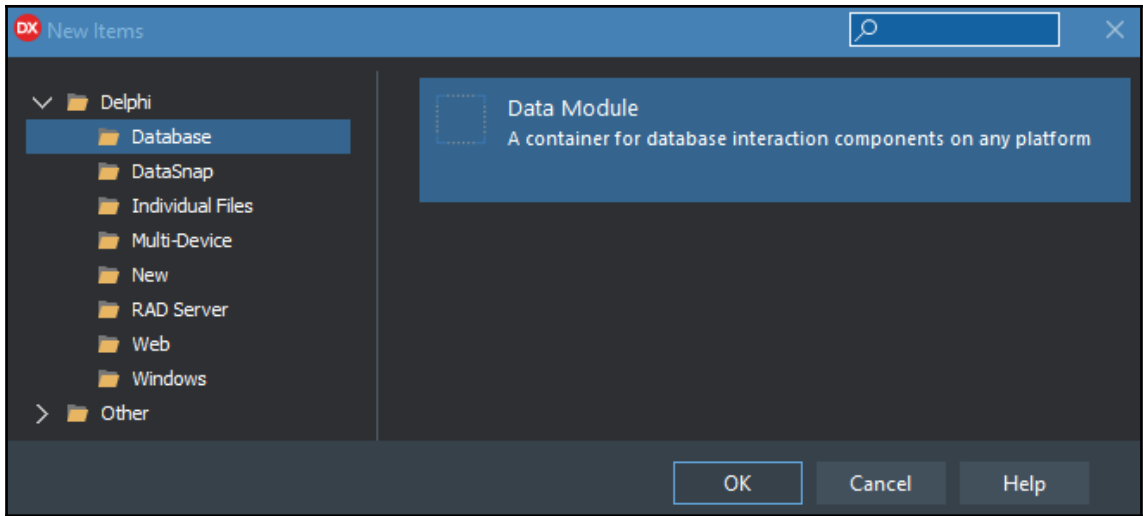


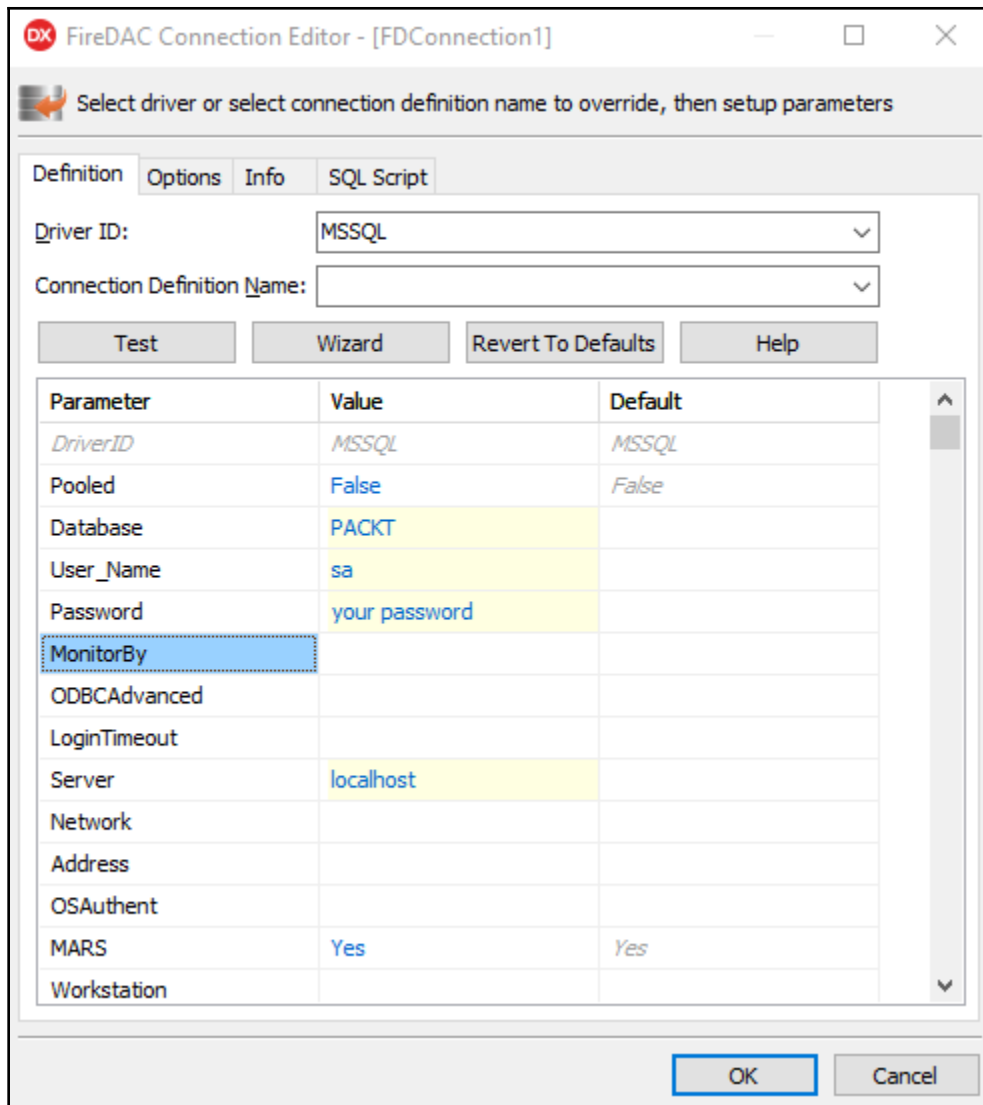


```

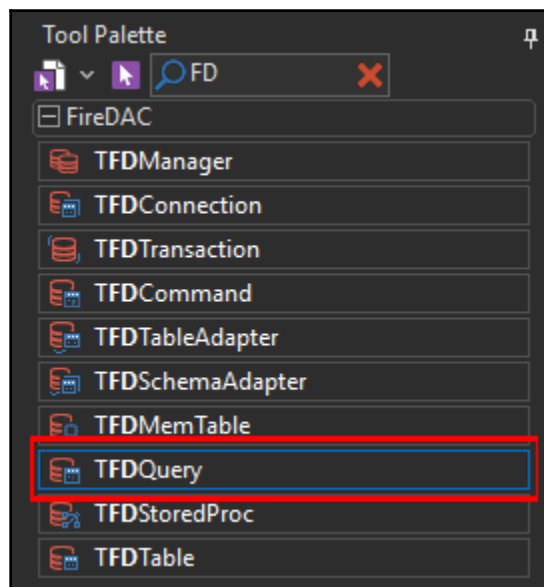
-  □ unit uUsers;
-  |
-  □ interface
-  |
-  |   Type
-  □   TUser = class
-  |   private
-  |       FId: integer;
-  |       FPassword: string;
10  |       FLogin: string;
-  |       procedure SetId(const Value: integer);
-  |       procedure SetLogin(const Value: string);
13  |       procedure SetPassword(const Value: string);
-  |   published
-  |       property Id : integer read FId write SetId;
-  |       property Login : string read FLogin write SetLogin;
-  |       property Password : string read FPassword write SetPassword;
-  |   end;
-  |
20  □ implementation
-  |
-  |   { TUser }
-  |
-  □ procedure TUser.SetId(const Value: integer);
-  |   begin
-  |       FId := Value;
-  |   end;
-  |
-  □ procedure TUser.SetLogin(const Value: string);
30  |   begin
-  |       FLogin := Value;
-  |   end;
-  |
-  □ procedure TUser.SetPassword(const Value: string);
-  |   begin
-  |       FPassword := Value;
-  |   end;
-  |
-  |   end.

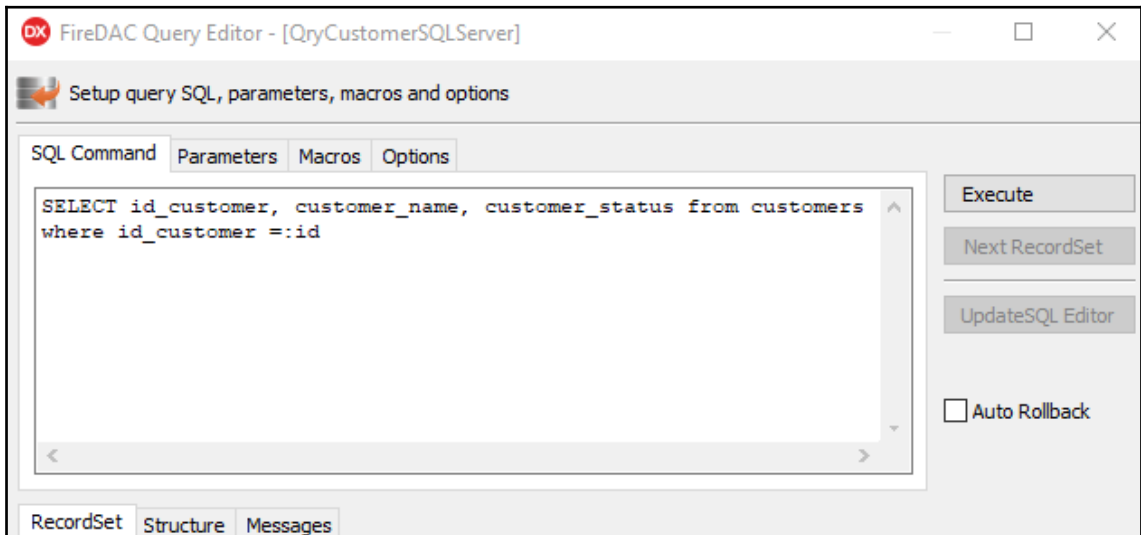
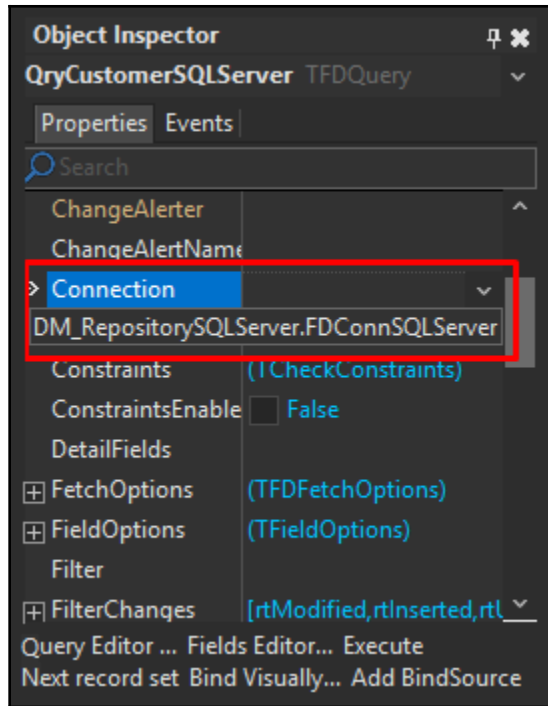
```

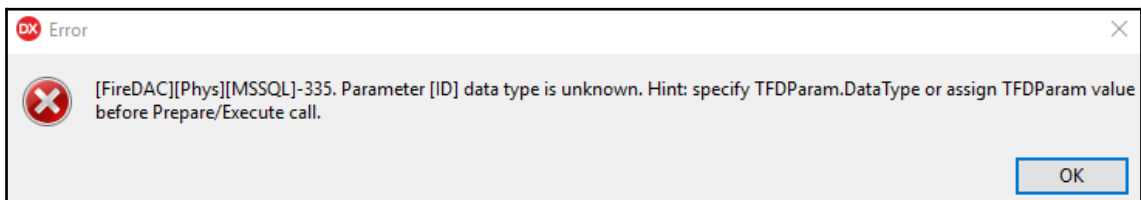
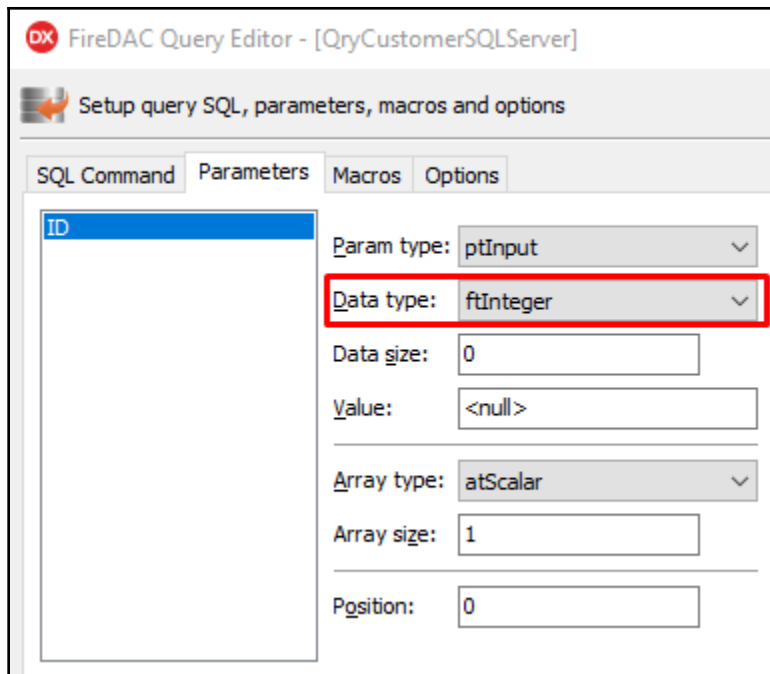



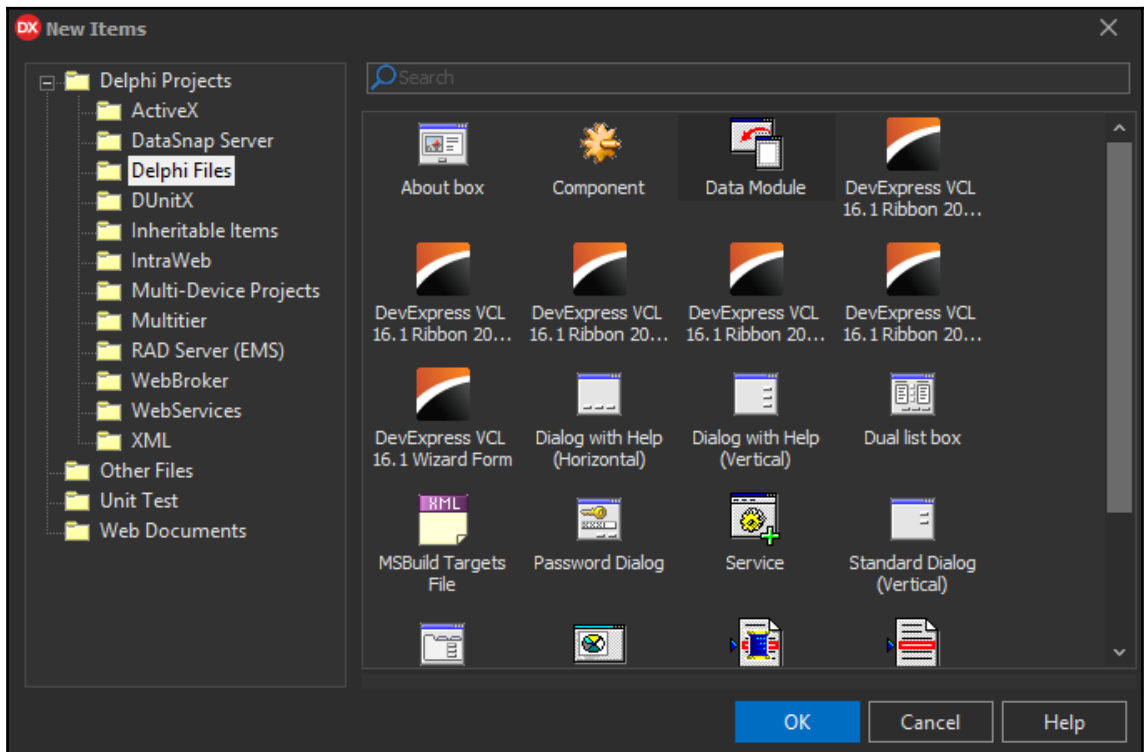
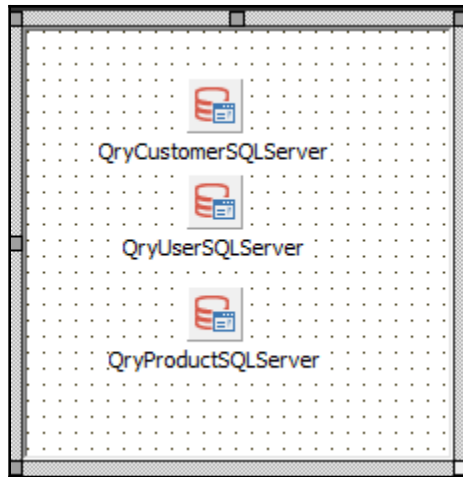


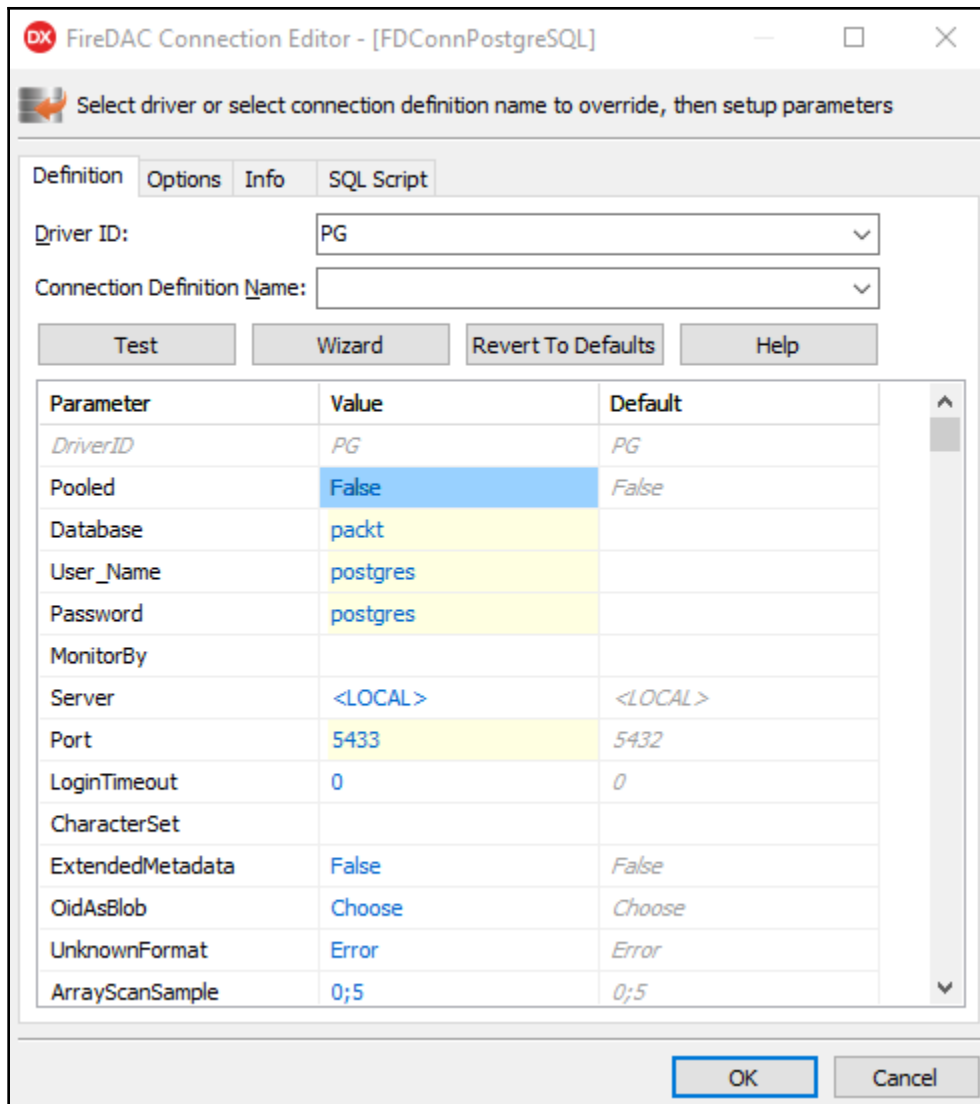
```
30 { TDM_RepositorySystemSQLServer }
- function TDM_RepositorySystemSQLServer.ReturnCustomer(id: Integer): TCustomer;
- begin
34
- end;
- function TDM_RepositorySystemSQLServer.ReturnProduct(id: Integer): TProducts;
- begin
40
- end;
- function TDM_RepositorySystemSQLServer.ReturnUser(id: Integer): TUser;
- begin
- end;
- end.
```

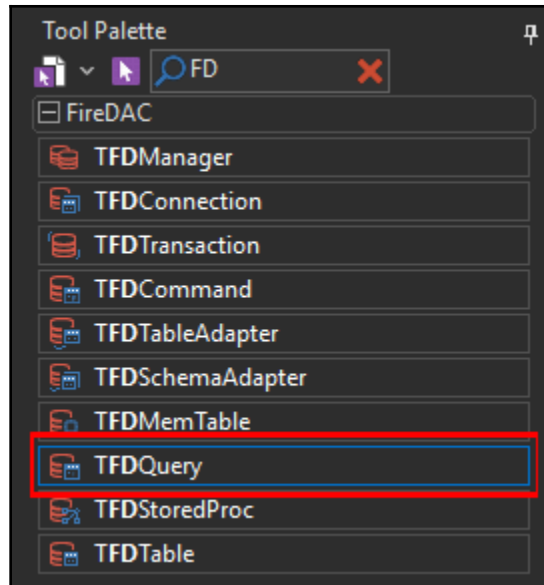


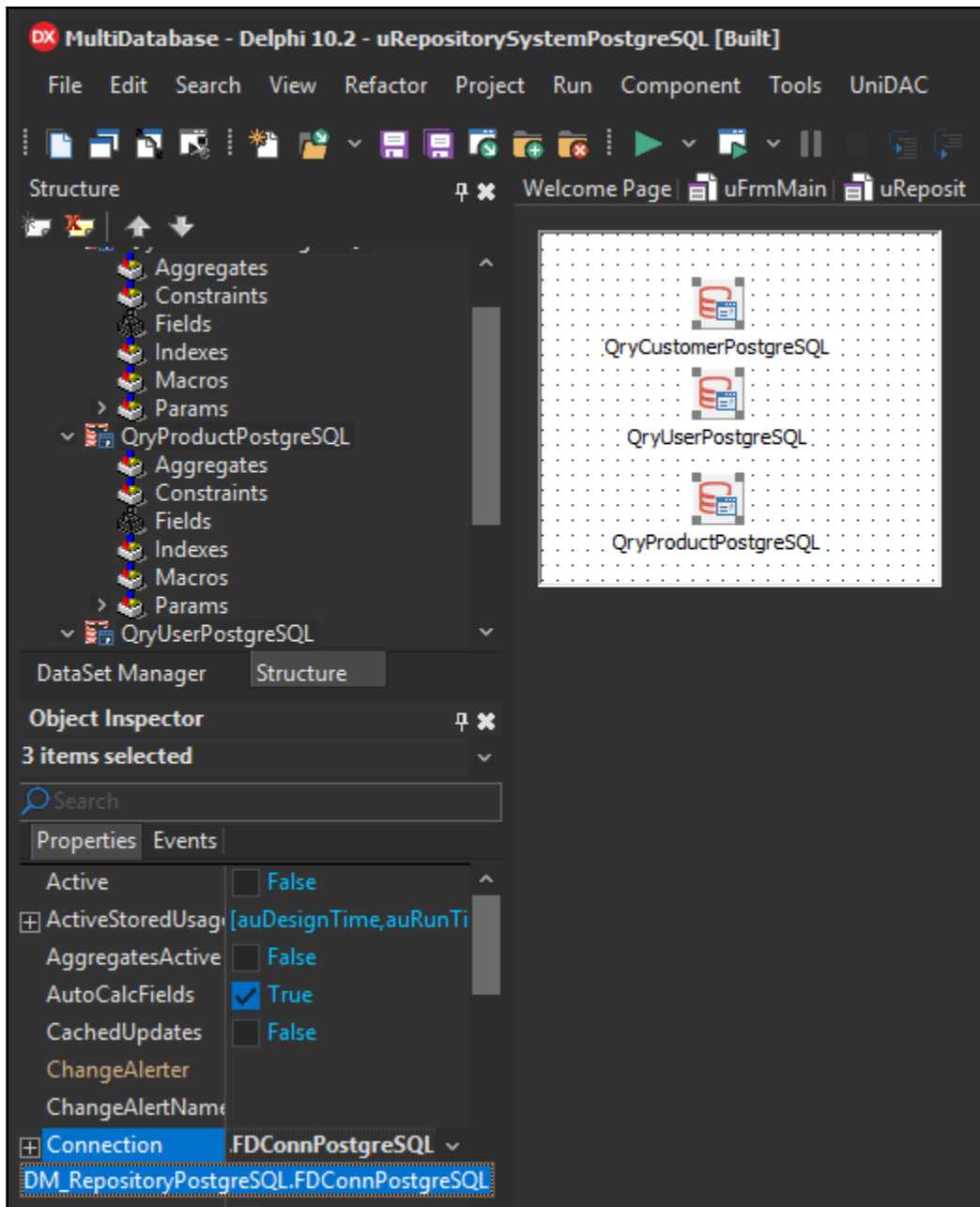


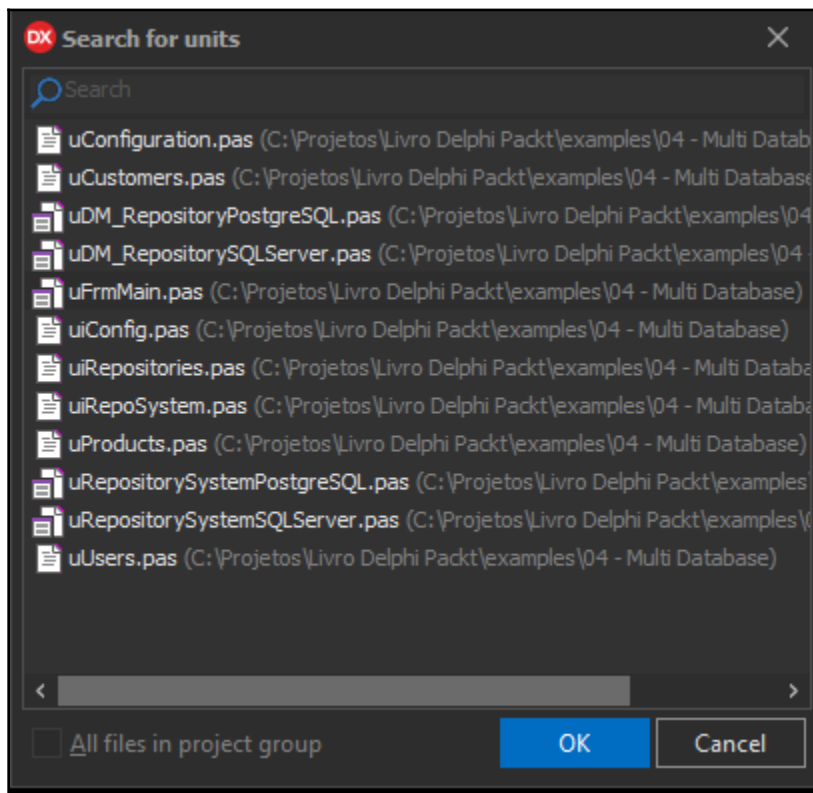
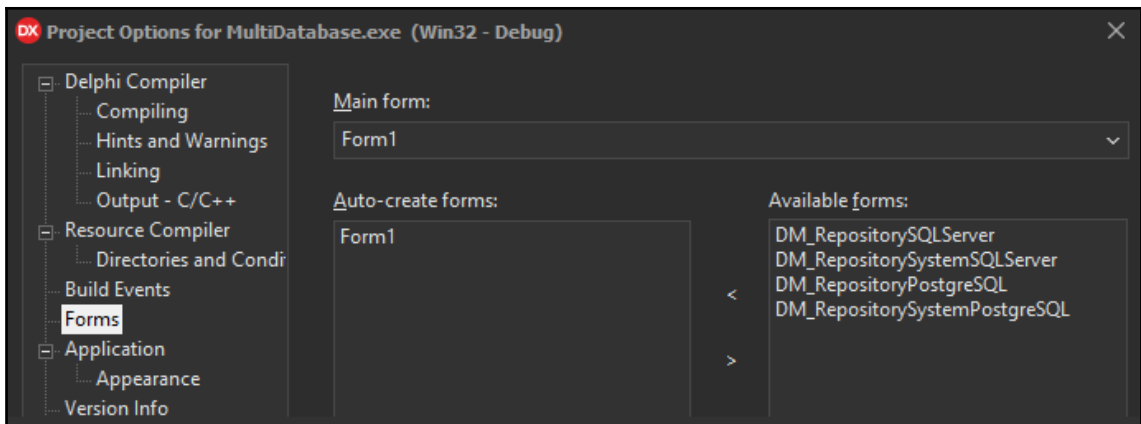


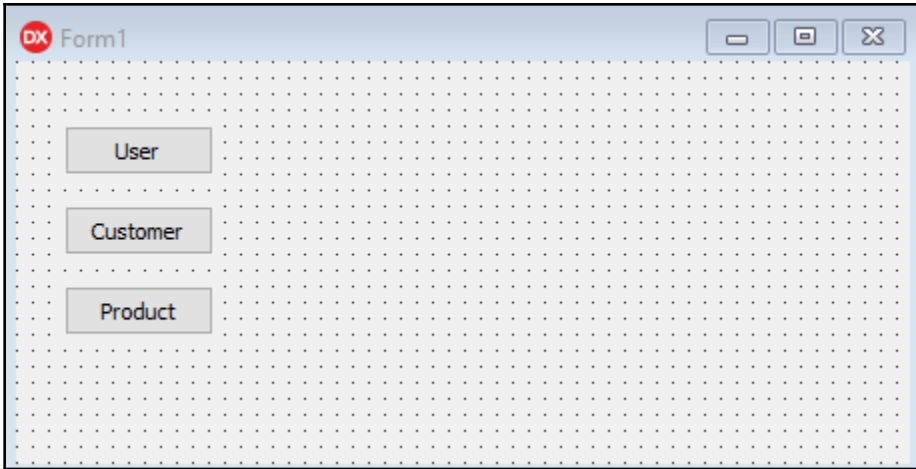








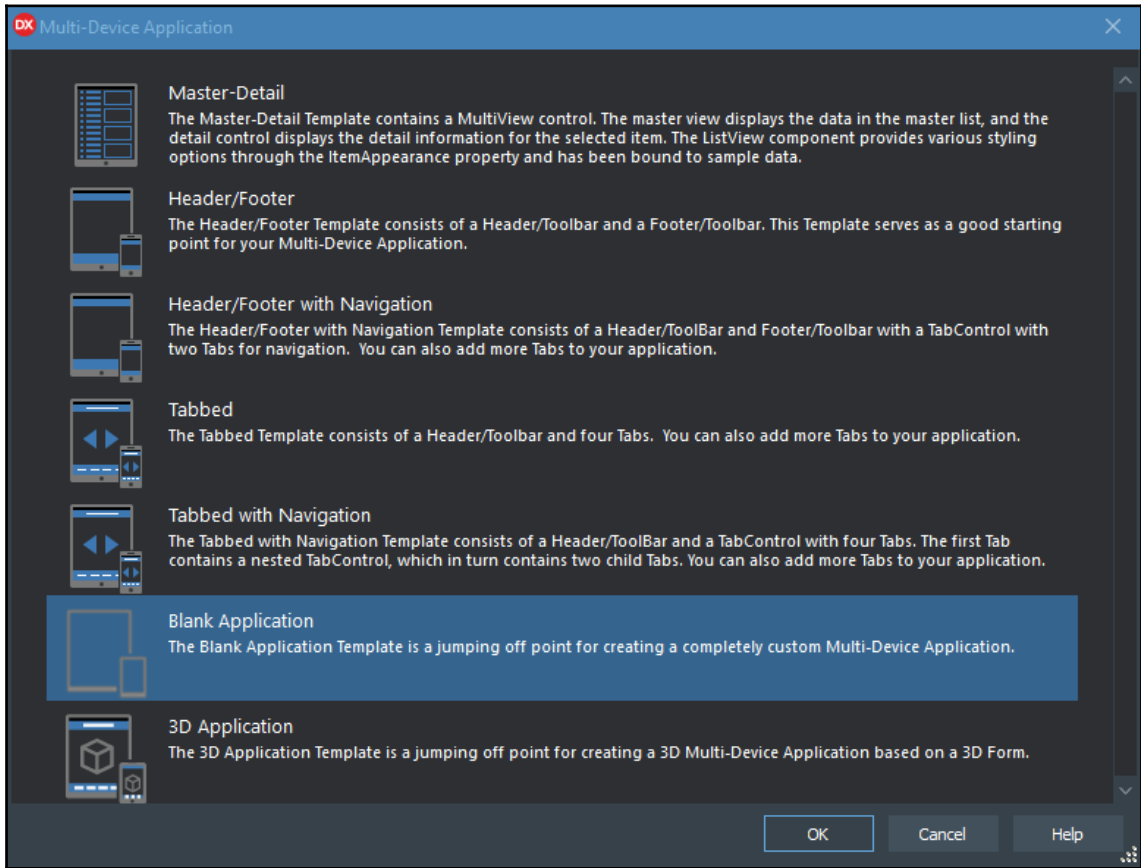


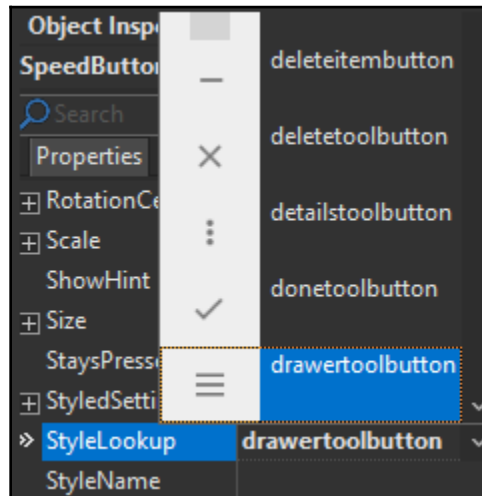
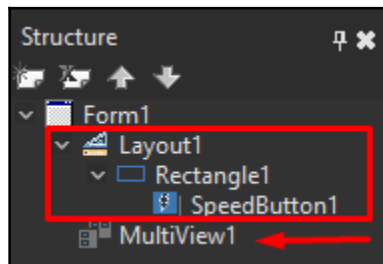
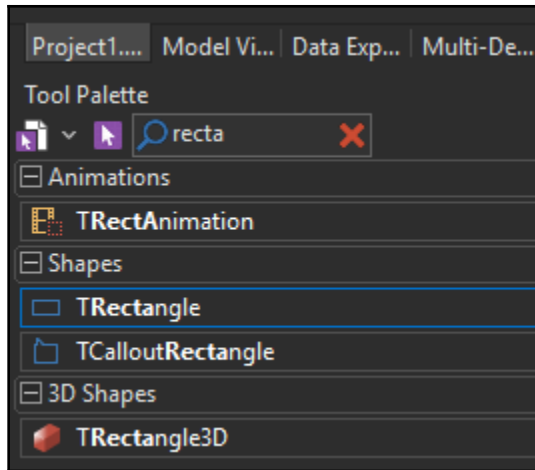


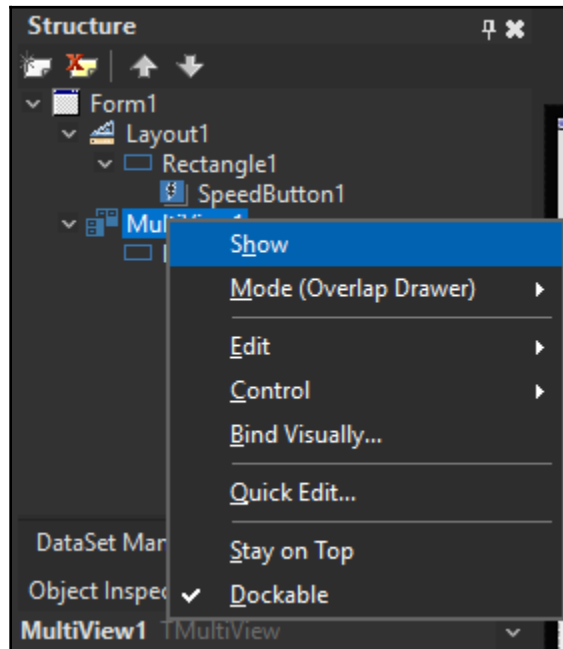
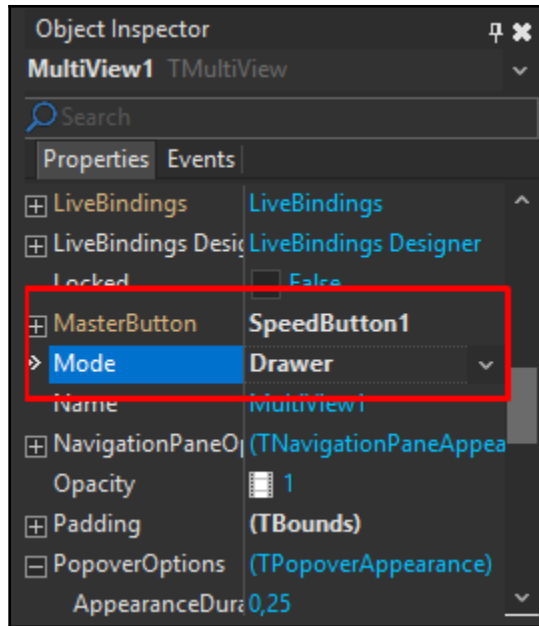
```
packt.ini
1 [PACKT]
2 DATABASE=0
```

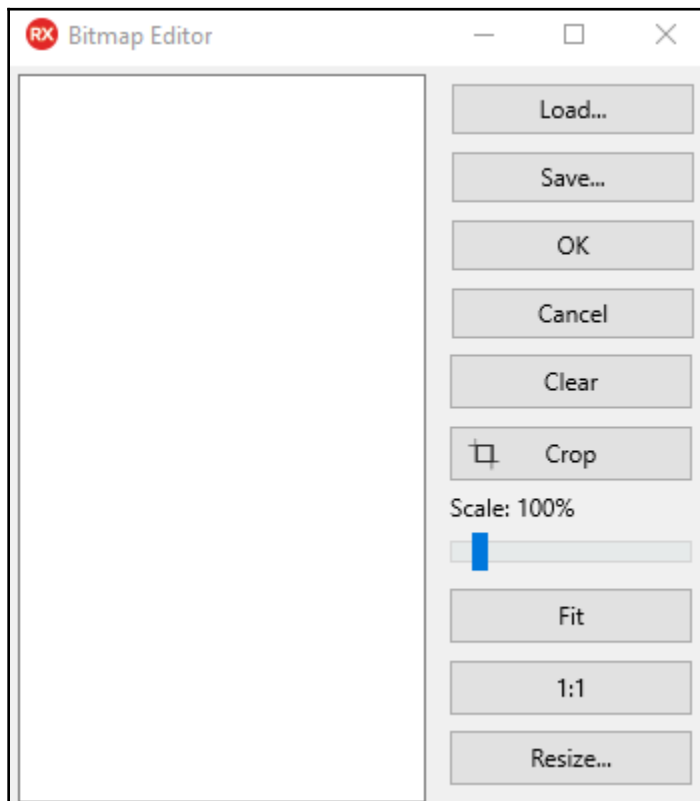
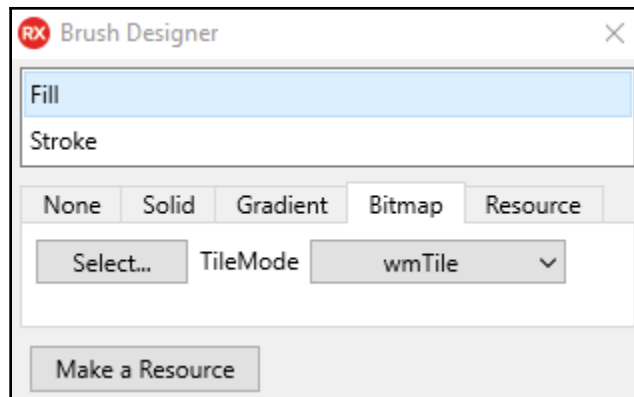
A screenshot of a Notepad window titled "packt.ini". The window shows two lines of text in an INI file format. Line 1 is "[PACKT]" and line 2 is "DATABASE=0". The text is color-coded: "[PACKT]" is purple and "DATABASE=0" is blue. A red cursor is positioned at the end of the second line.

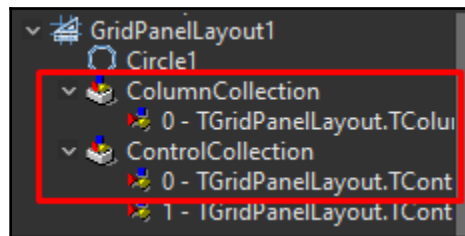
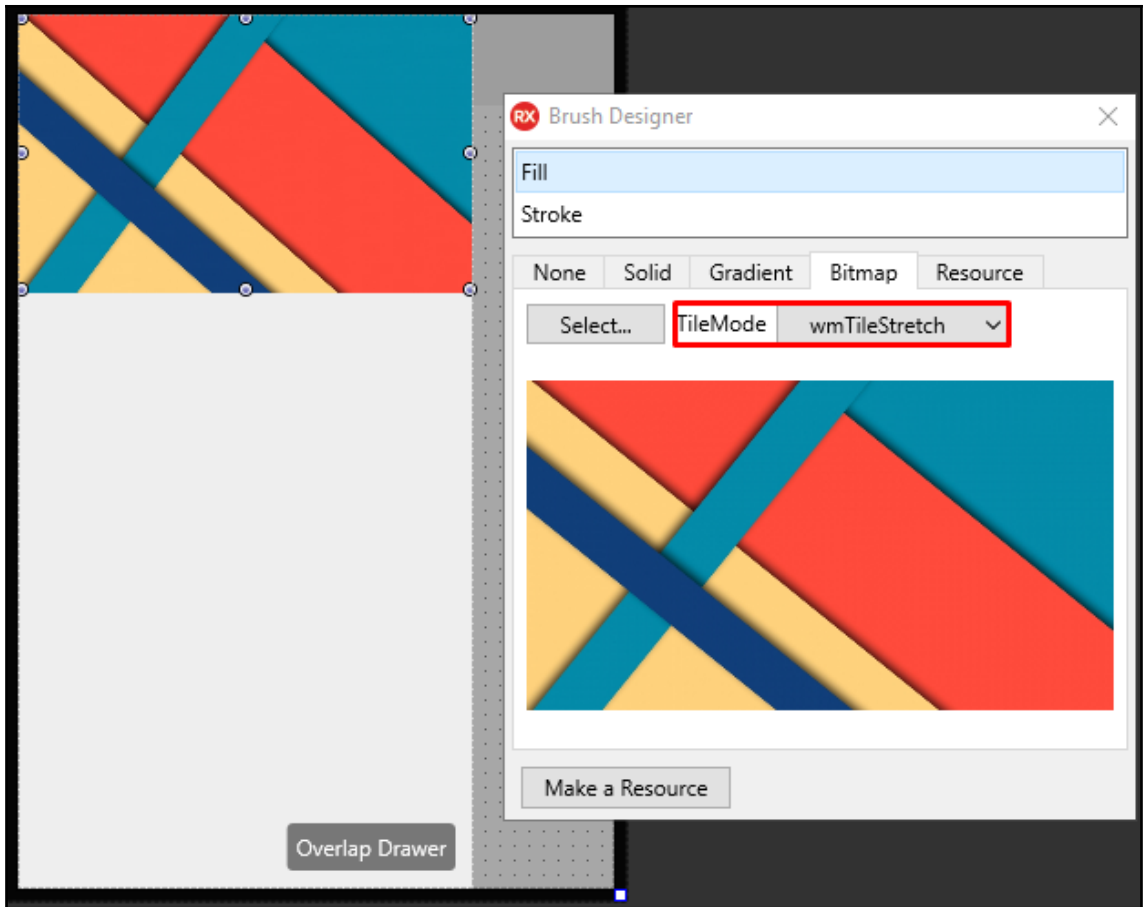
Chapter 5: Creating GUI Apps with FireMonkey

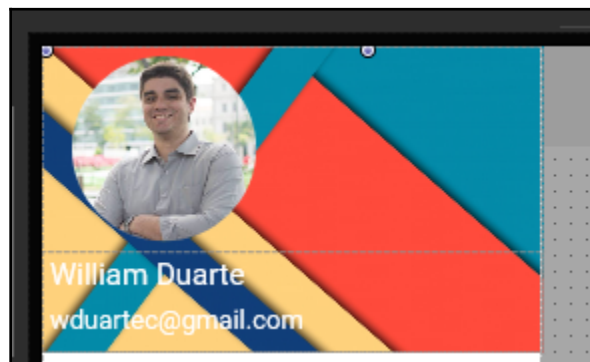
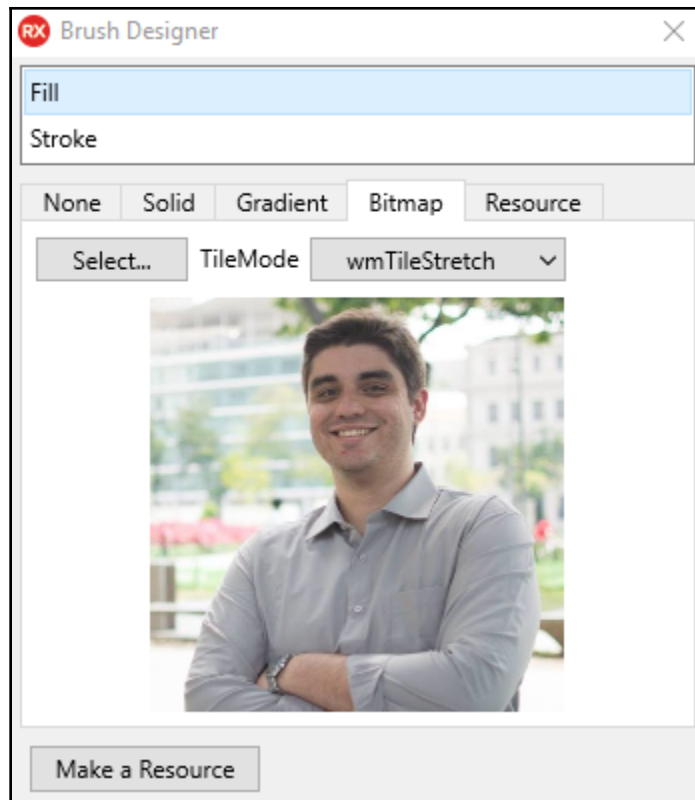


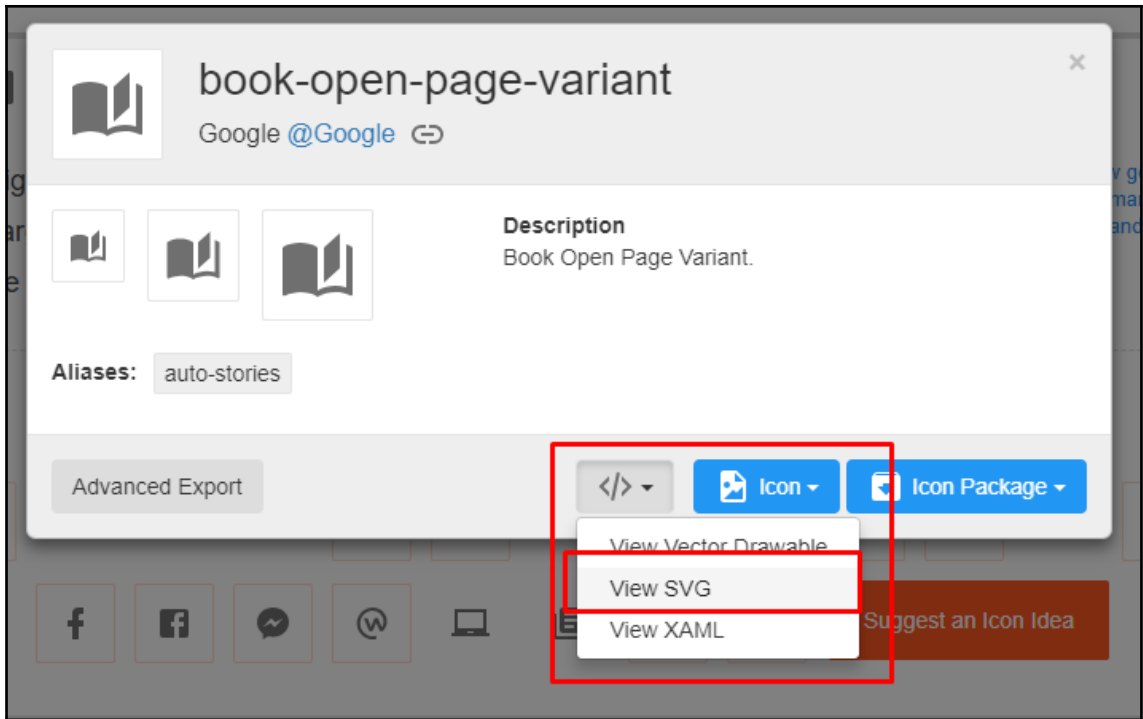


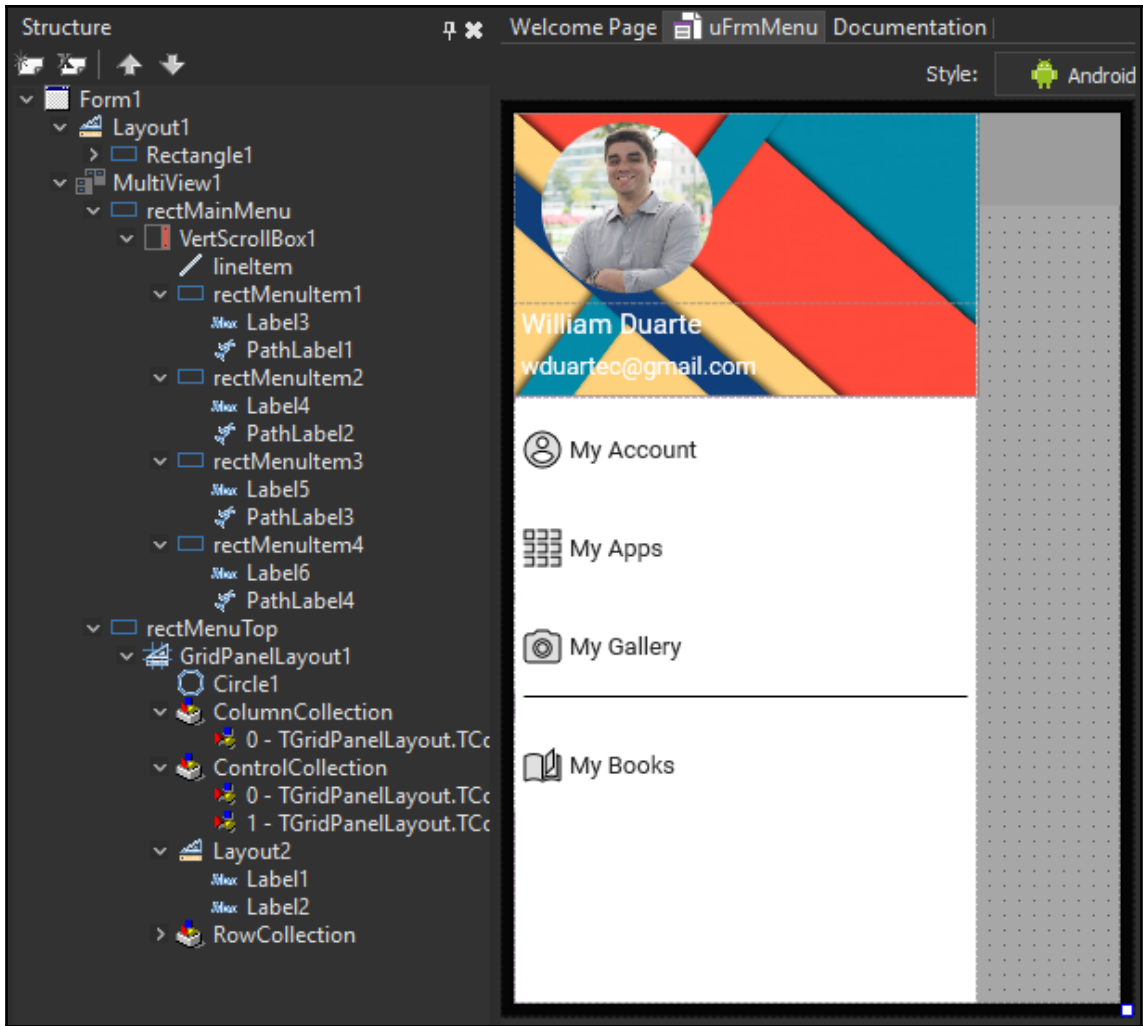


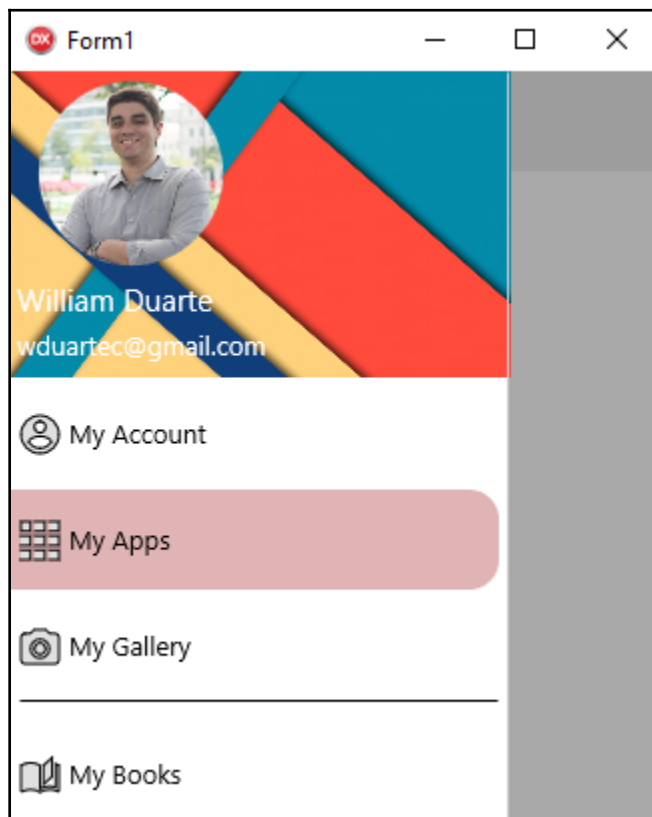
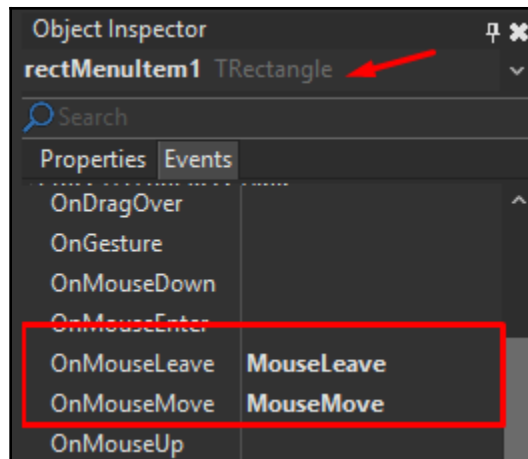


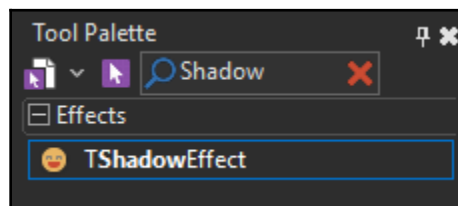
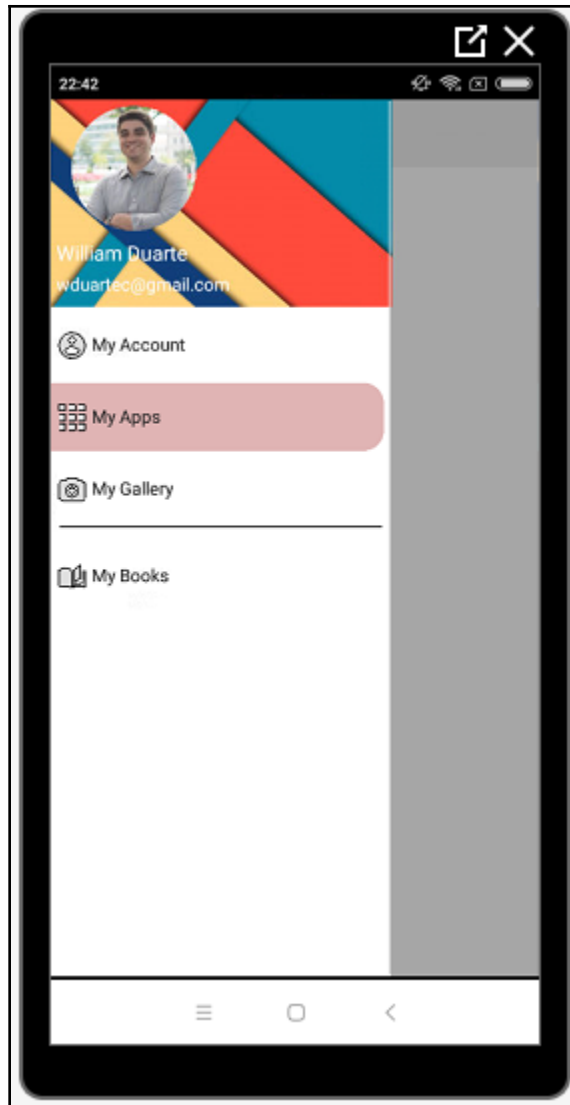




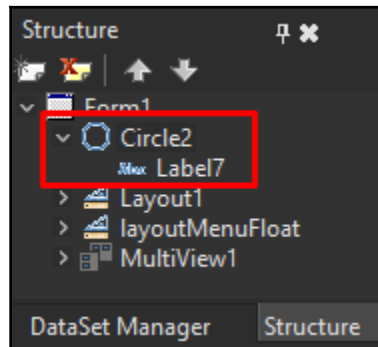
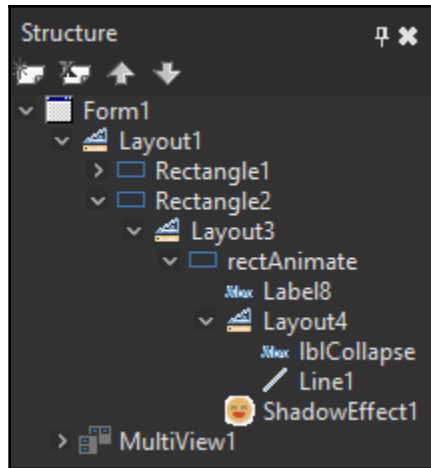


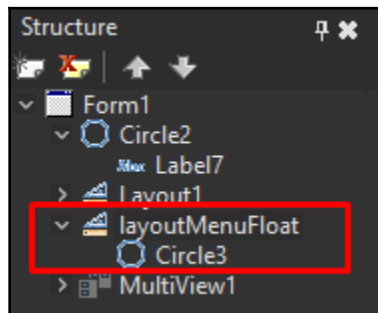
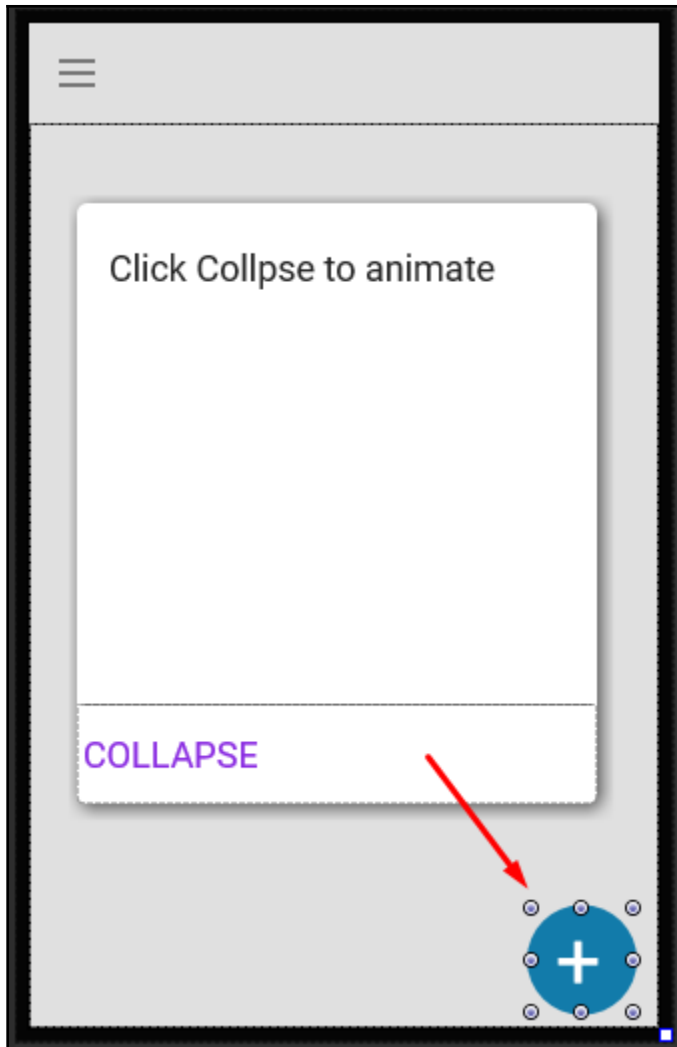


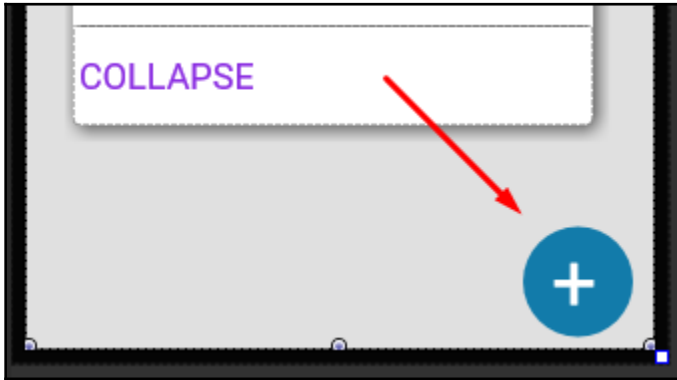
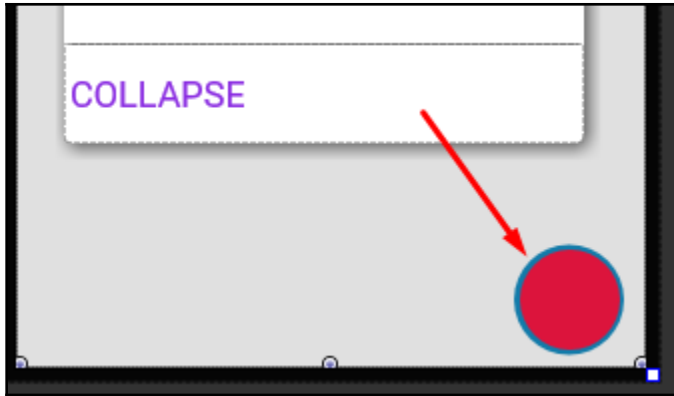




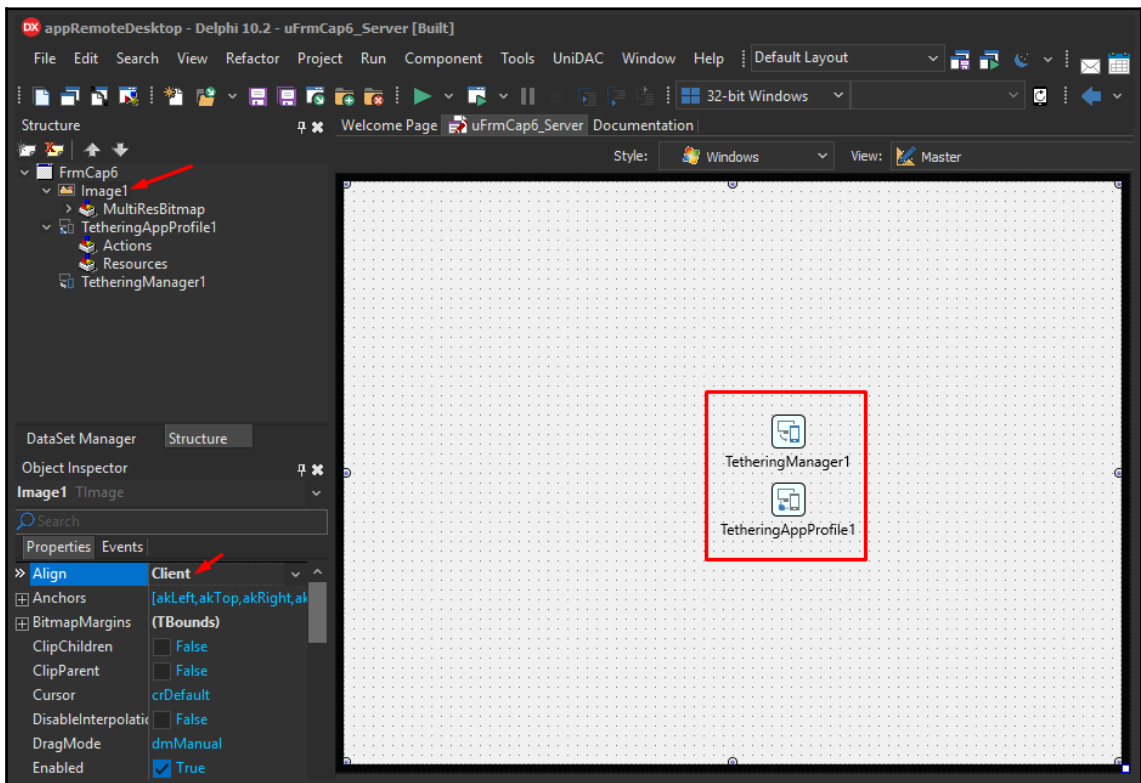
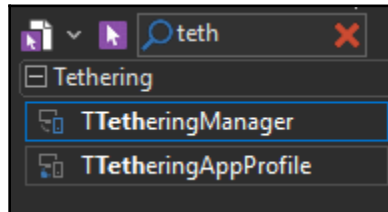


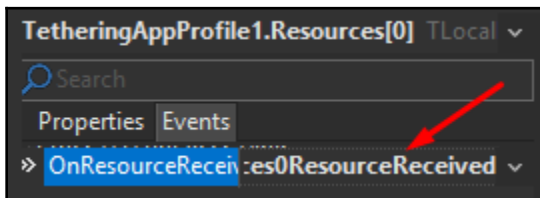
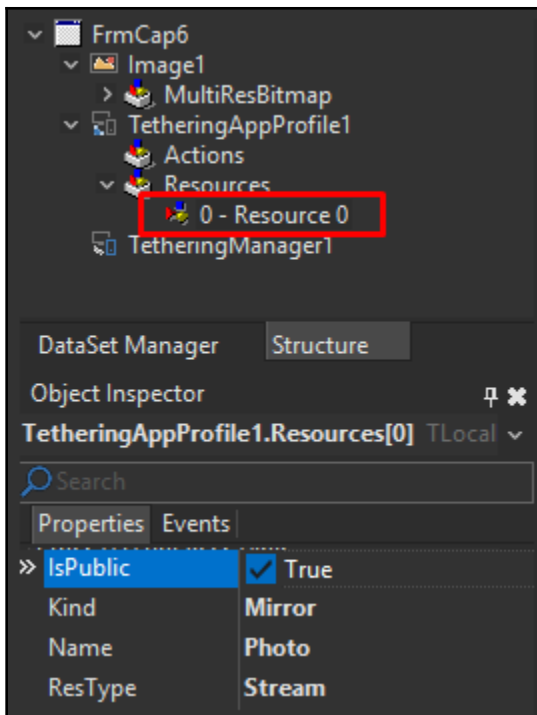


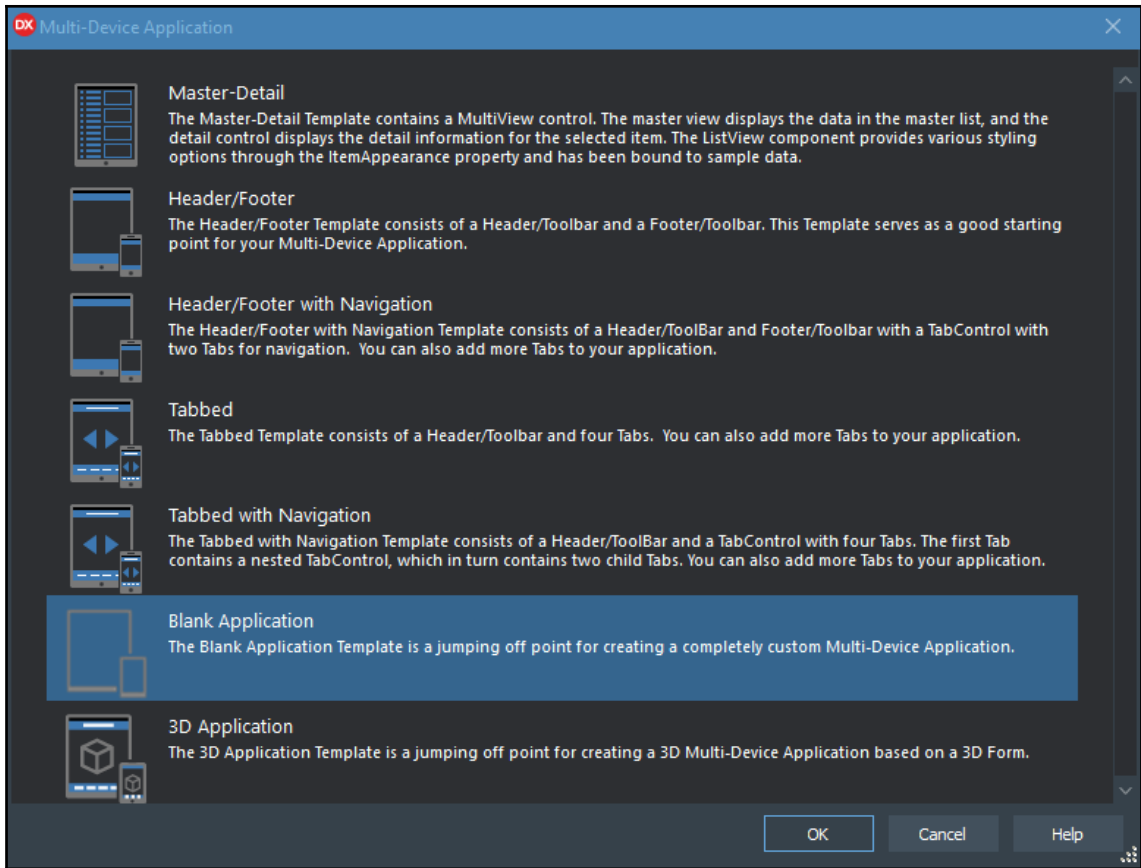


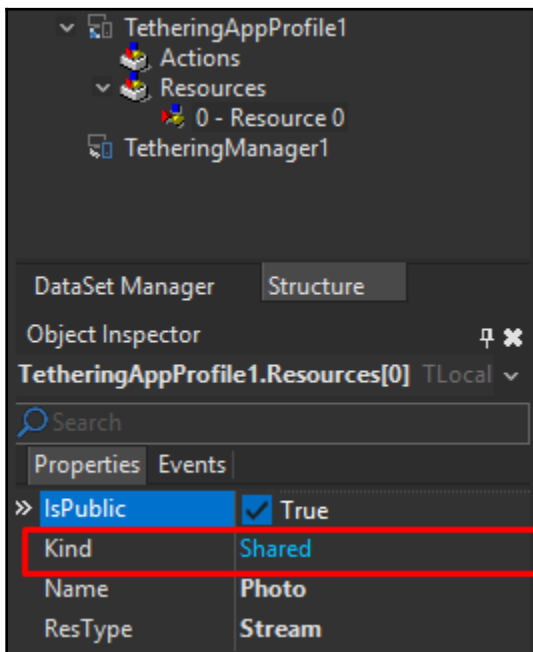
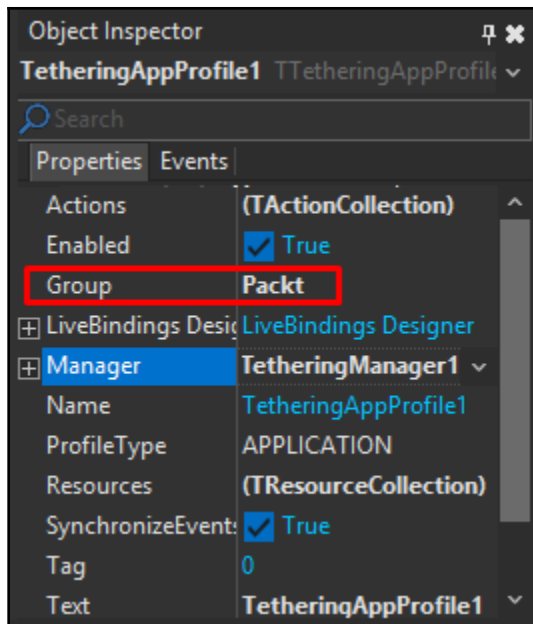


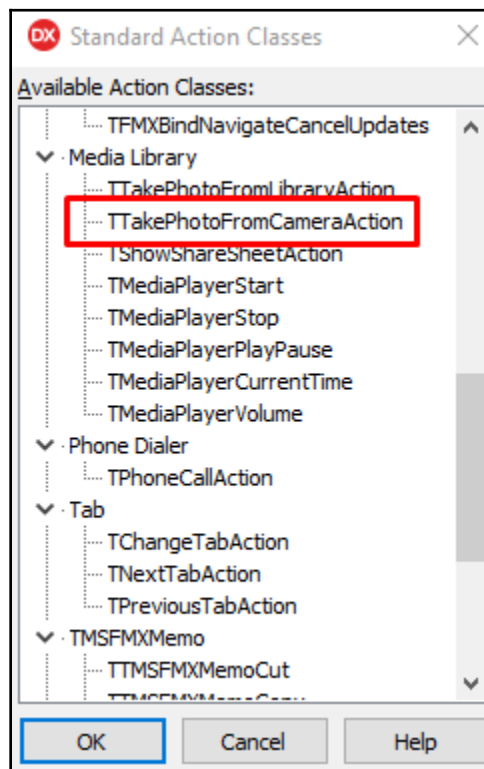
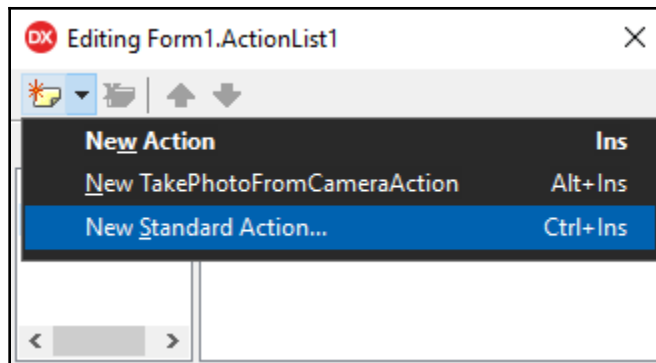
Chapter 6: Implementing Tethering to Create a Remote Control



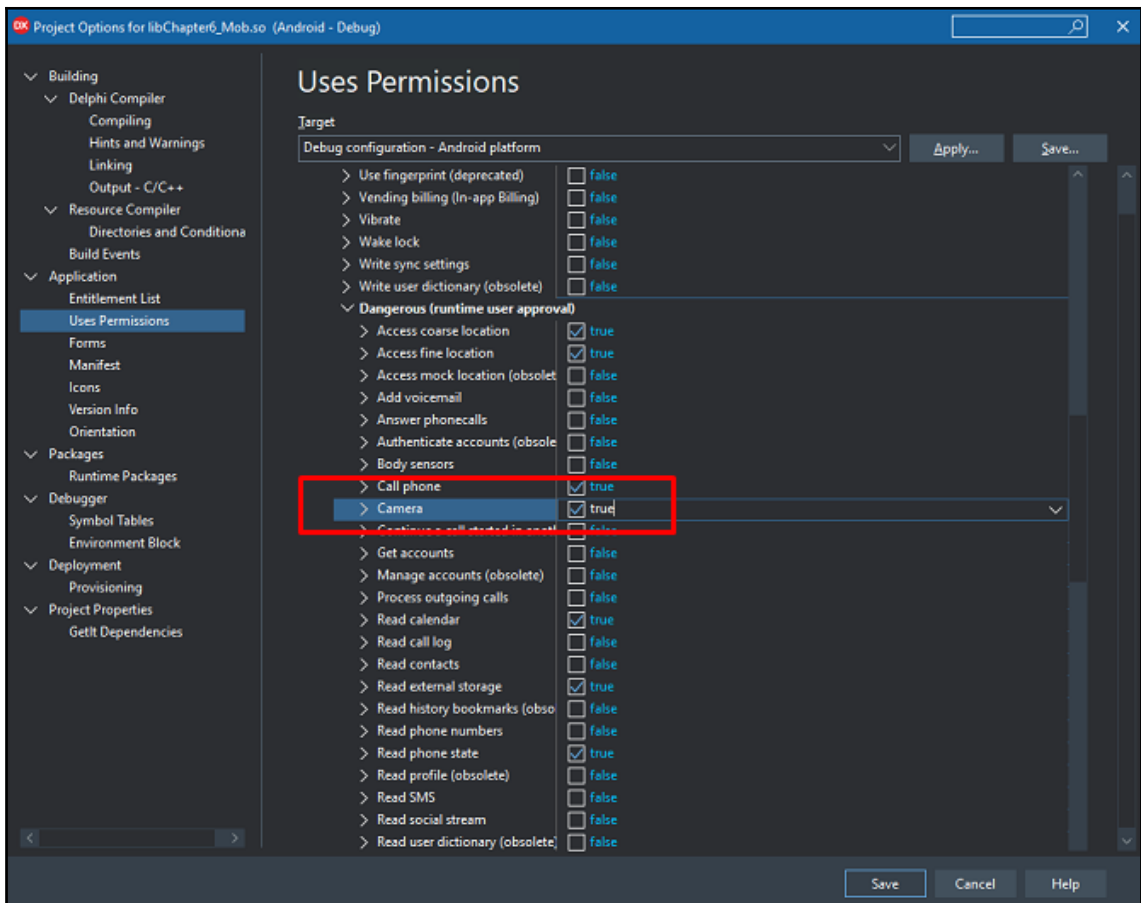


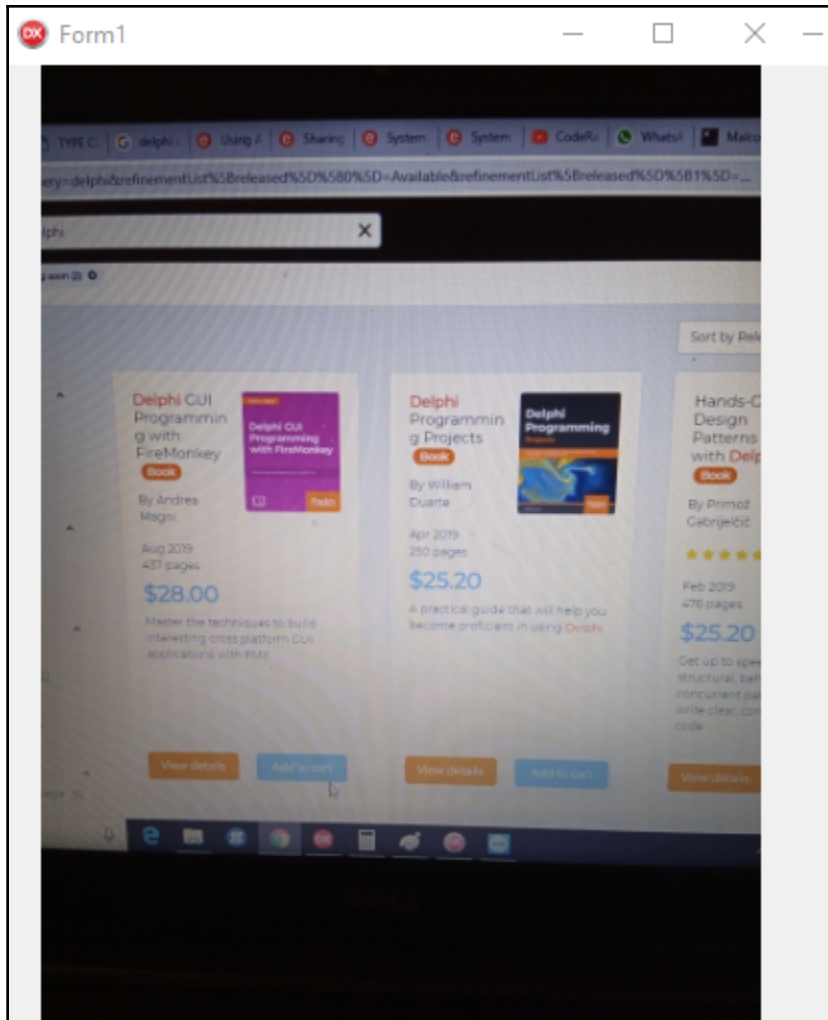


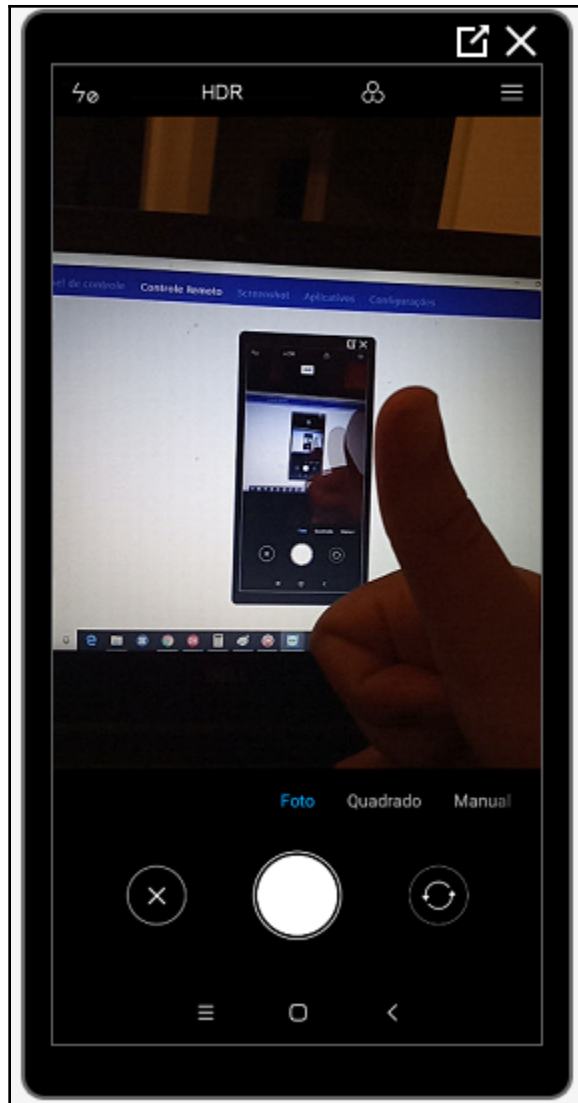


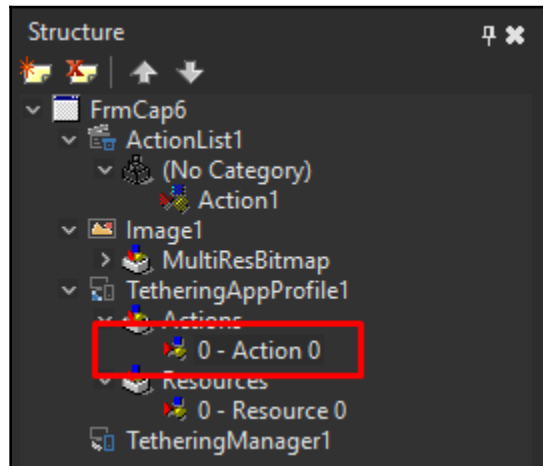
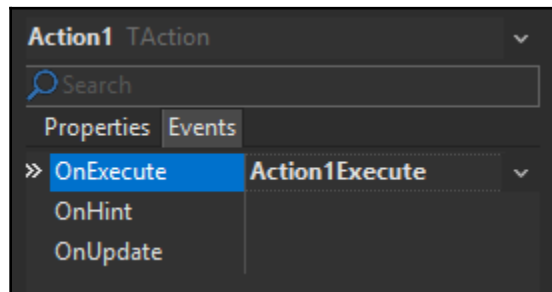
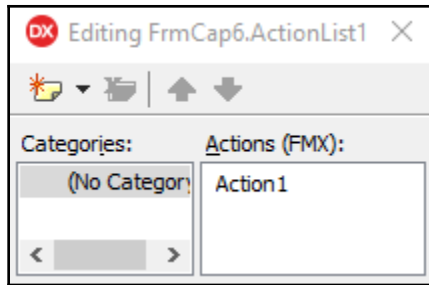


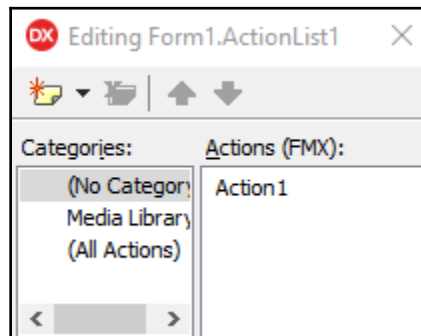
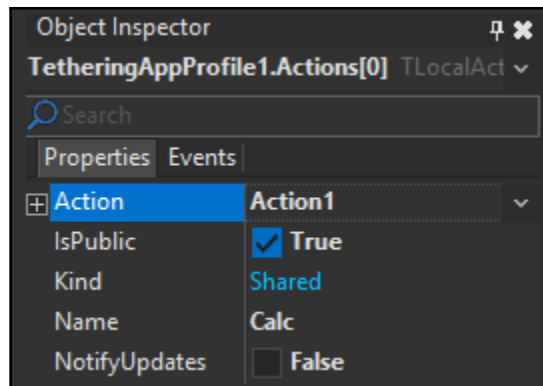


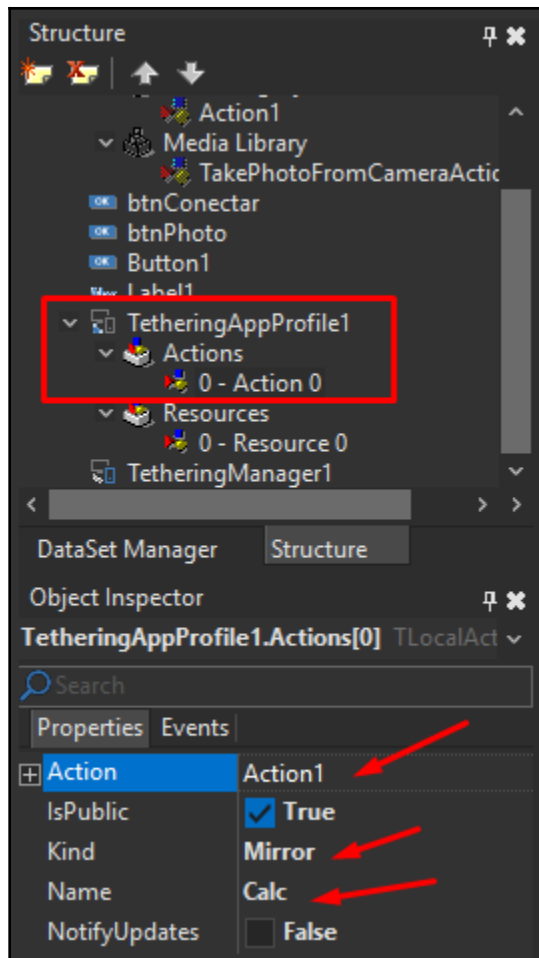


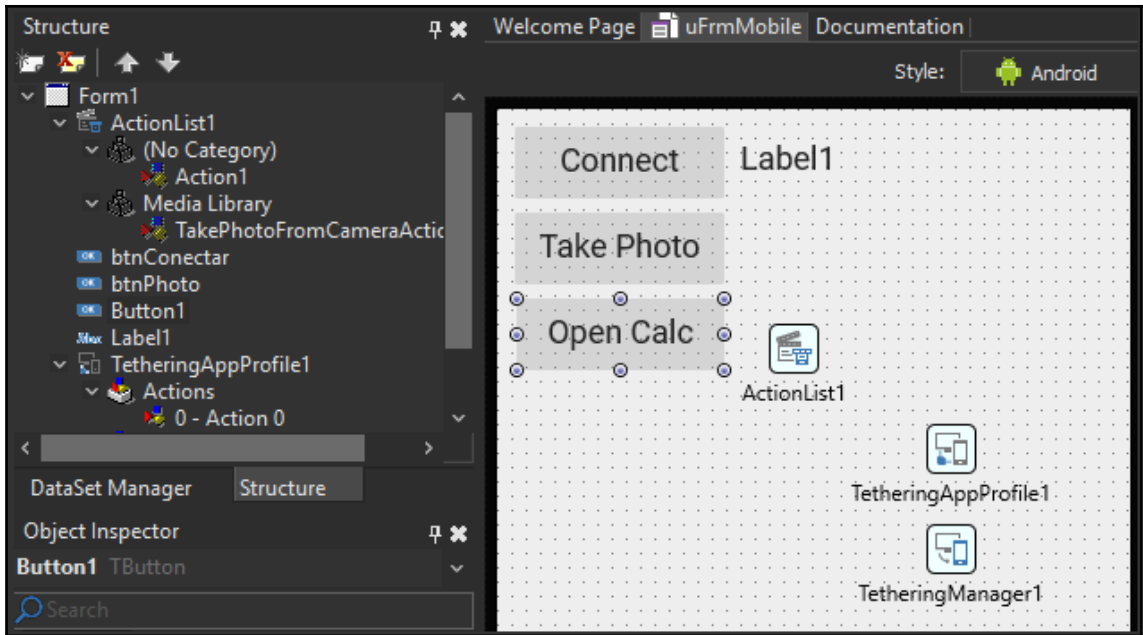


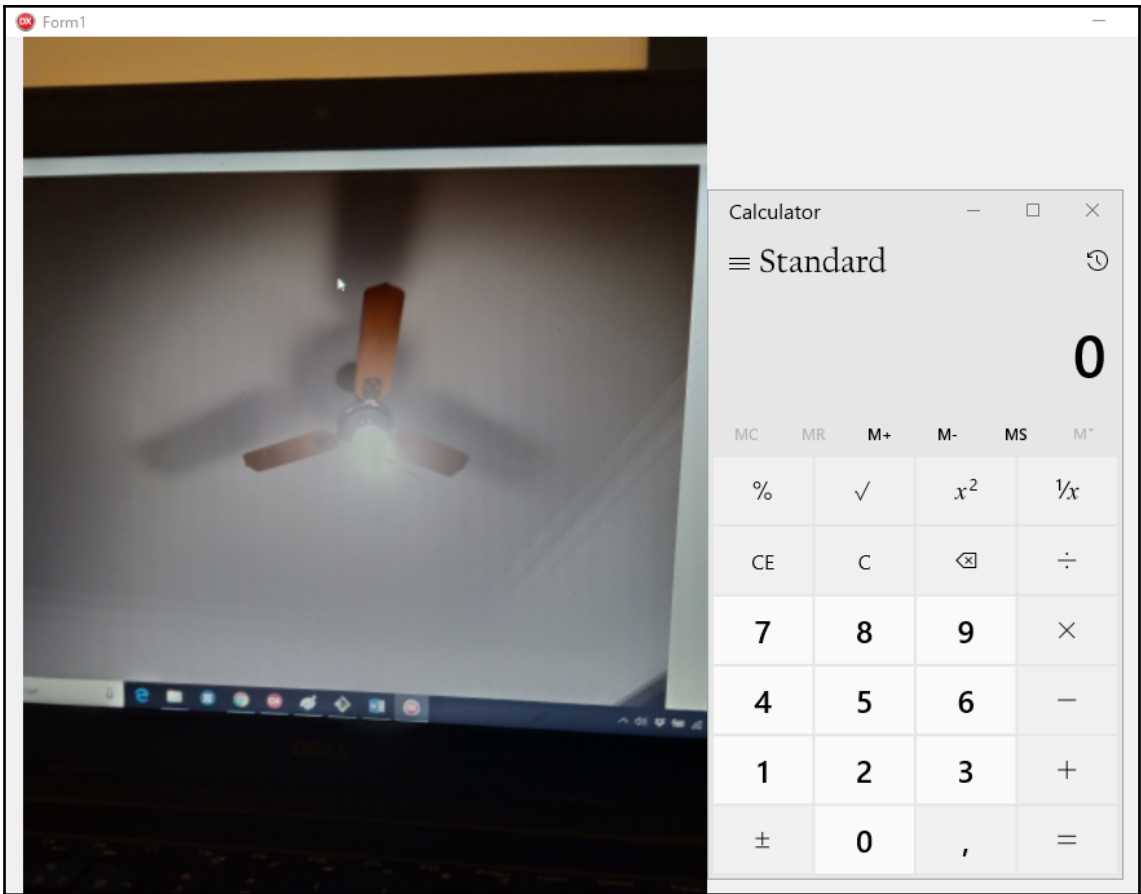




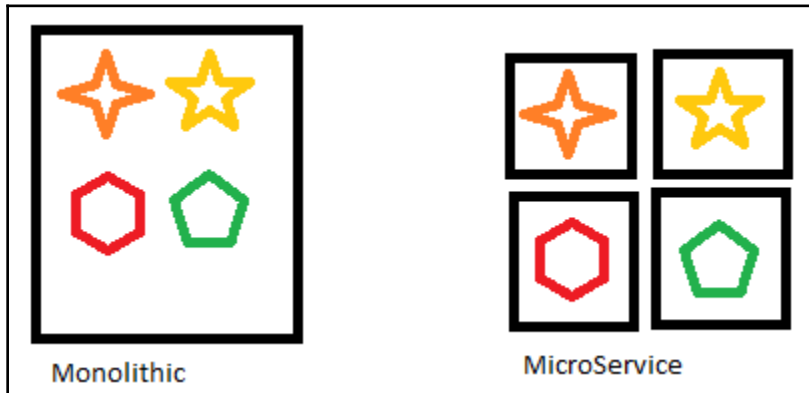










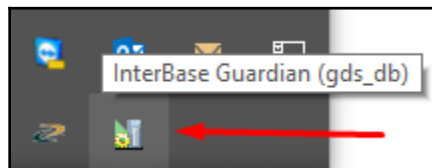
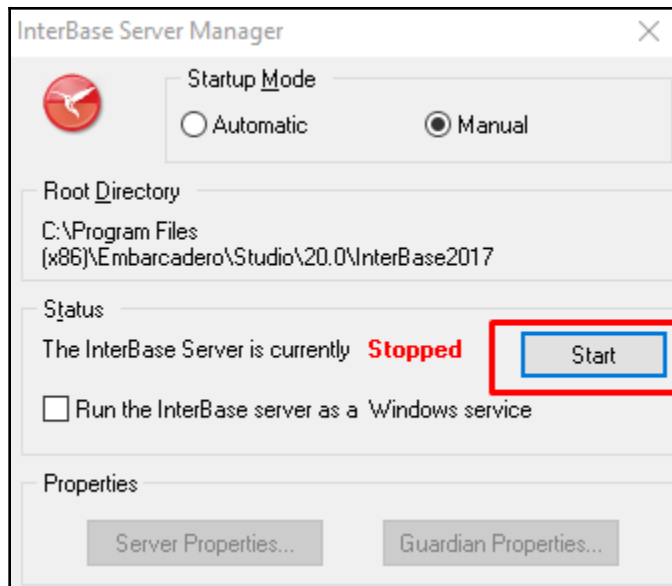


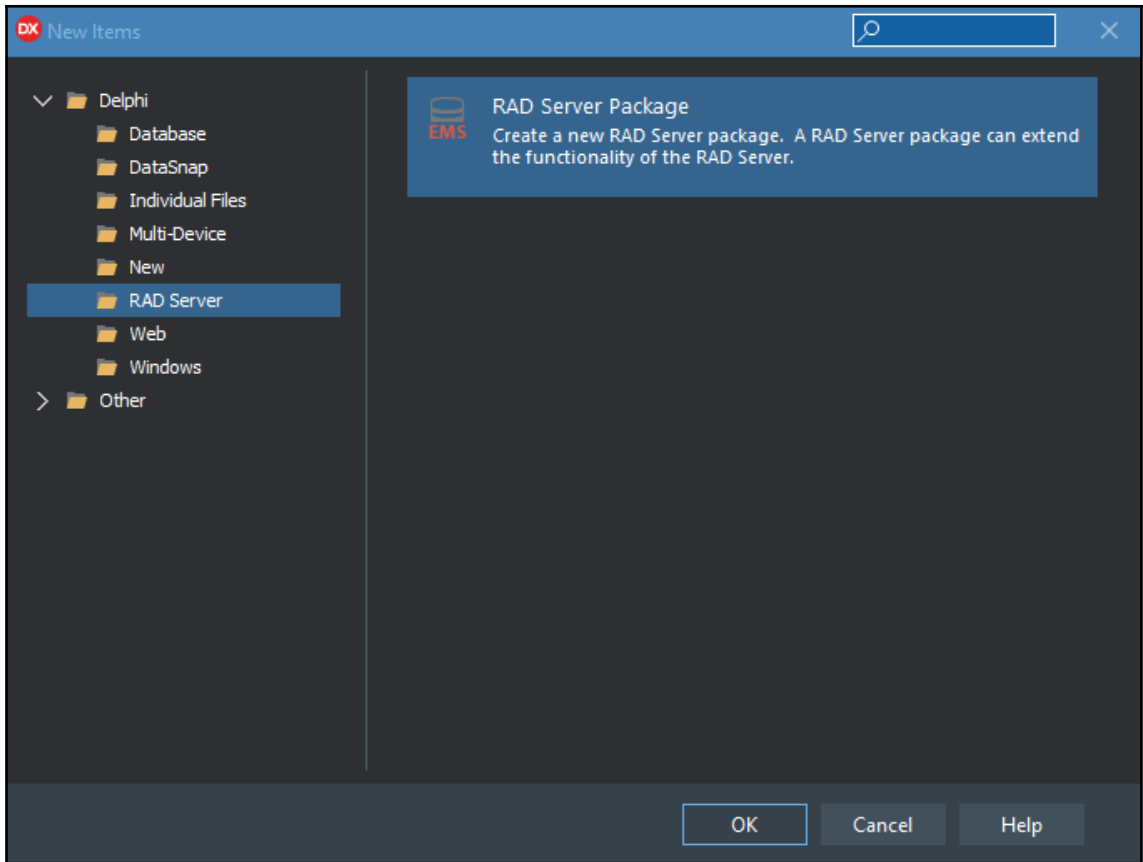


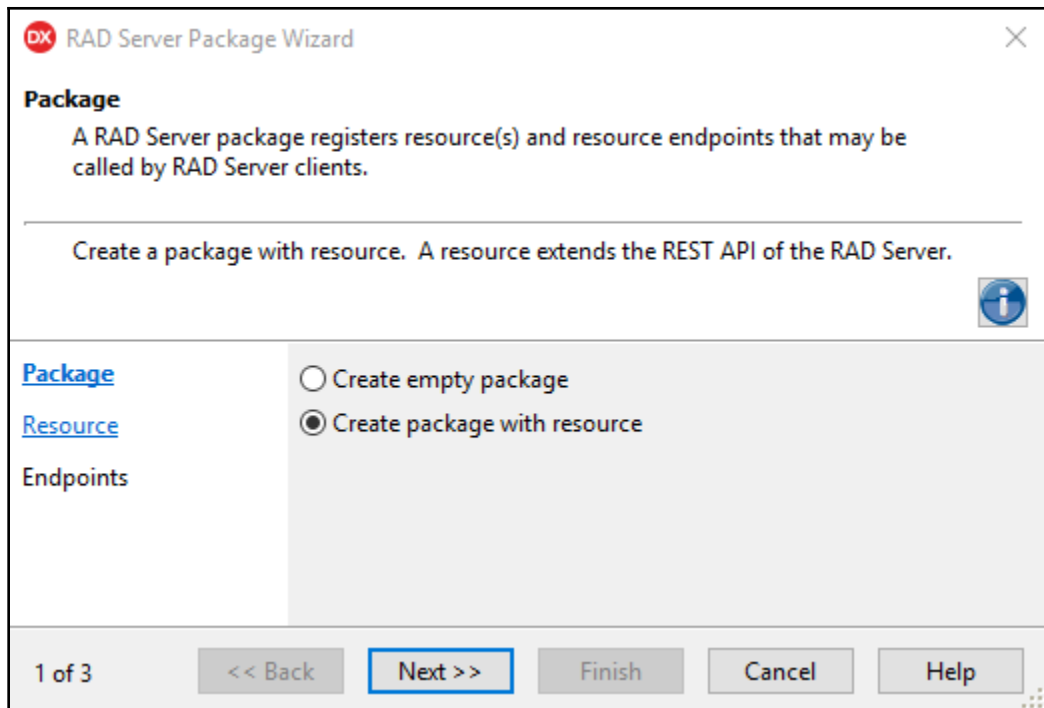
Chapter 7: Building Microservices Using the RAD Server



 EMSDevConsole.exe	09/03/2018 20:55
 EMSDevServer.exe	09/03/2018 20:55
 EMSManagementConsole.exe	09/03/2018 20:55
 ScktSrvr.exe	09/03/2018 20:55
 tlibimp.exe	09/03/2018 20:55
 TRegSvr.exe	09/03/2018 20:55







The screenshot shows a dialog box titled "RAD Server Package Wizard" with a close button in the top right corner. The main heading is "Resource" with a sub-instruction: "Add a resource to extend the REST API of the RAD Server." Below this is a horizontal line and a paragraph: "Create a resource data module. A resource data module is for implementing a resource using a designer and components." An information icon is on the right. On the left, there are three blue underlined links: "Package", "Resource", and "Endpoints". The "Resource" link is selected. The main area contains a "Resource name:" label with a text box containing "PacktExample". Below it is a "File type:" label with two radio button options: "Data Module" (which is selected) and "Unit". At the bottom, there is a progress indicator "2 of 3" and five buttons: "<< Back", "Next >>", "Finish", "Cancel", and "Help".

Resource
Add a resource to extend the REST API of the RAD Server.

Create a resource data module. A resource data module is for implementing a resource using a designer and components.

[Package](#)
[Resource](#)
[Endpoints](#)

Resource name: PacktExample

File type: Data Module
 Unit

2 of 3 << Back Next >> Finish Cancel Help

```

unit Unit1;

// EMS Resource Module

interface

uses
  System.SvsUtils, System.Classes, System.JSON,
  EMS.Services, EMS.ResourceAPI, EMS.ResourceTypes;

type
  [ResourceName('PacktExample')]
  TPacktExampleResource1 = class(TDataModule)
  published
    procedure Get(const AContext: TEndpointContext; const ARequest: TEndpoint
      [ResourceSuffix('{item}')]
    procedure GetItem(const AContext: TEndpointContext; const ARequest: TEndp
      end;
  end;

implementation

{%CLASSGROUP 'System.Classes.TPersistent'}

{$R *.dfm}

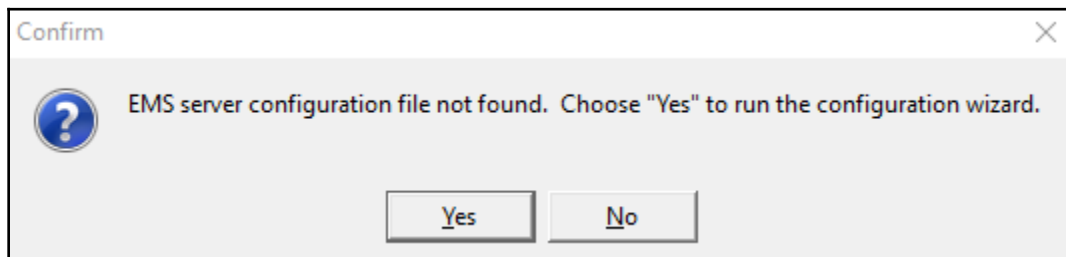
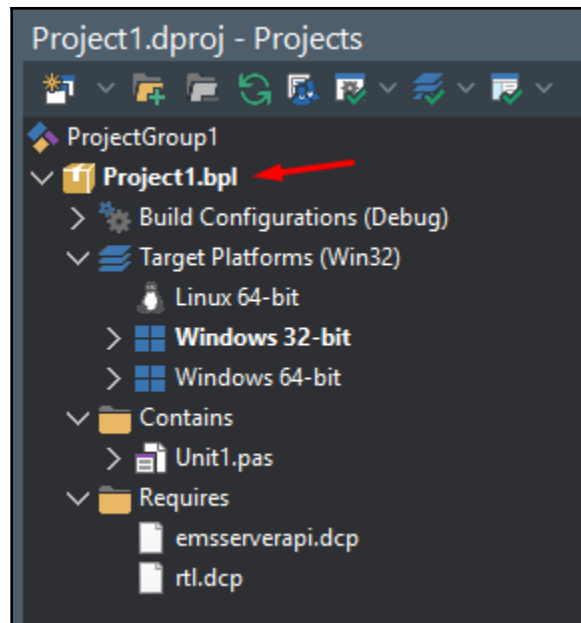
procedure TPacktExampleResource1.Get(const AContext: TEndpointContext; const
begin
  // Sample code
  AResponse.Body.SetValue(TJSONString.Create('PacktExample'), True)
end;

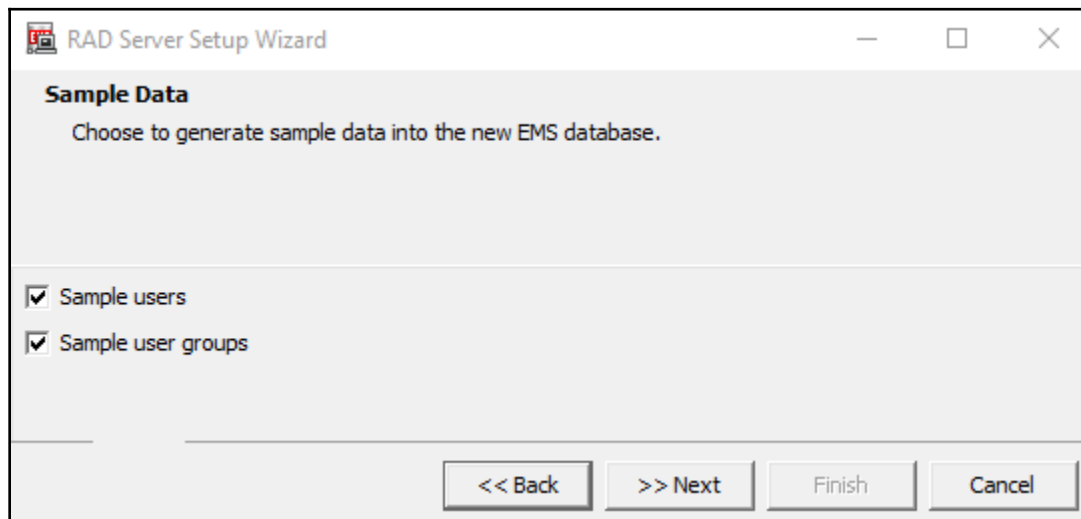
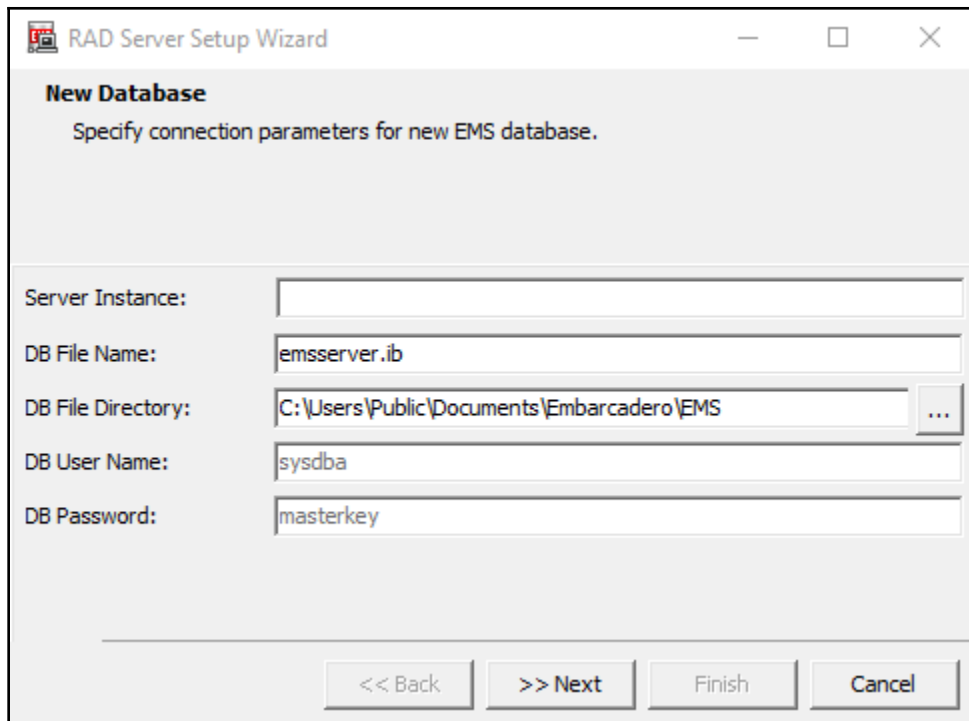
procedure TPacktExampleResource1.GetItem(const AContext: TEndpointContext; co
var
  LItem: string;
begin
  LItem := ARequest.Params.Values['item'];
  // Sample code
  AResponse.Body.SetValue(TJSONString.Create('PacktExample ' + LItem), True)
end;

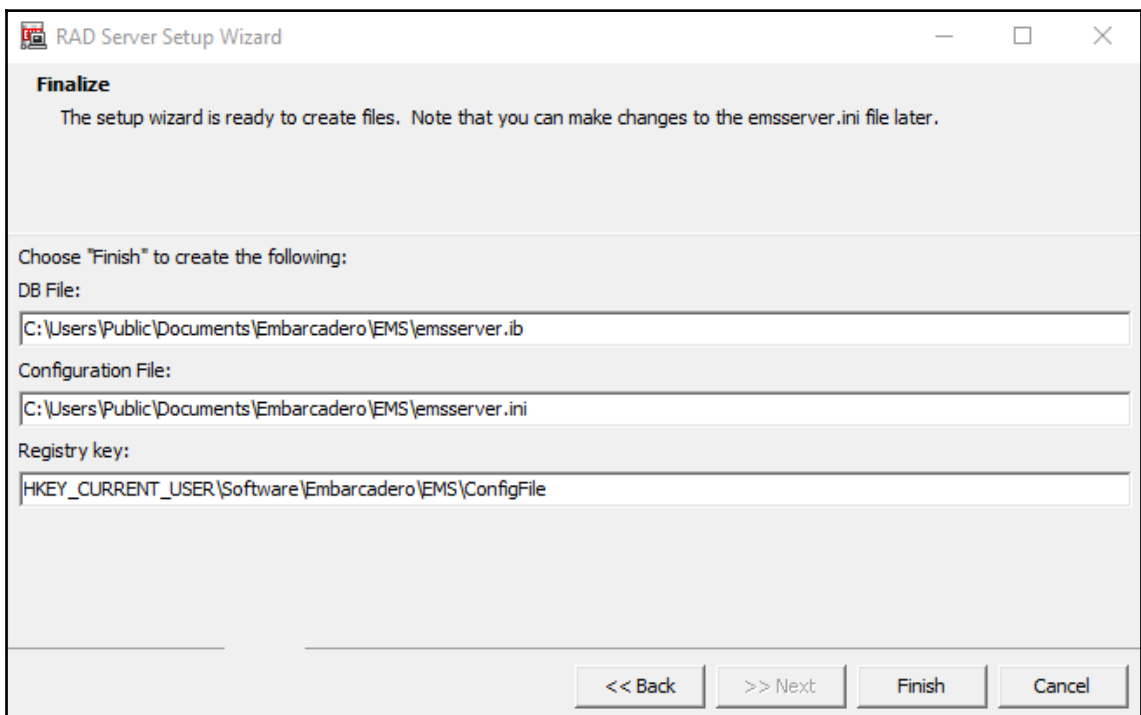
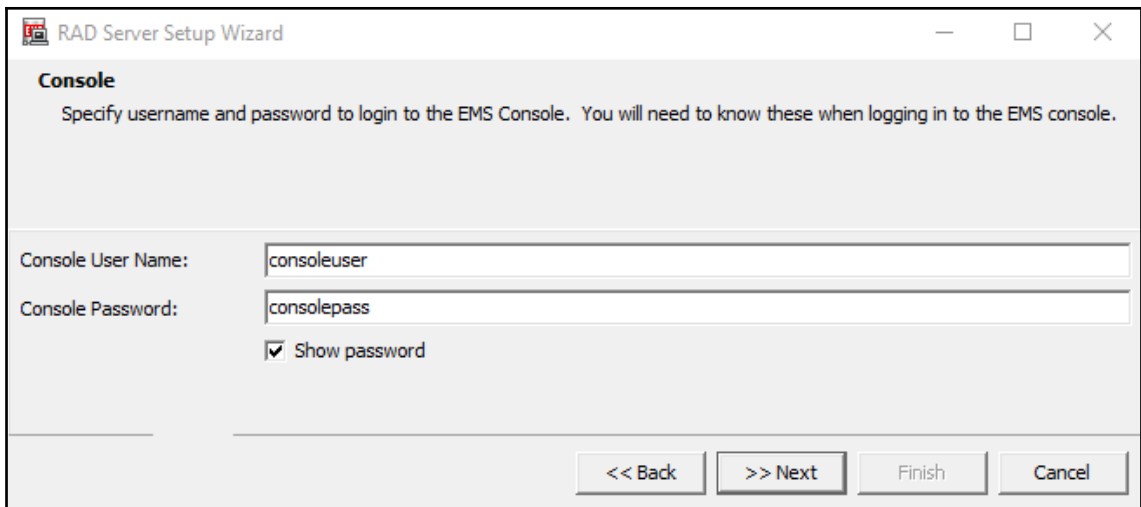
procedure Register;
begin
  RegisterResource(TypeInfo(TPacktExampleResource1));
end;

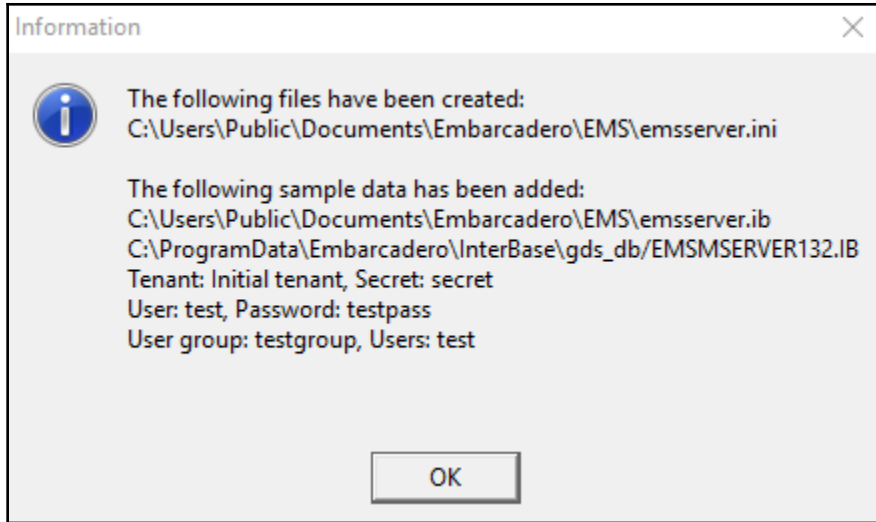
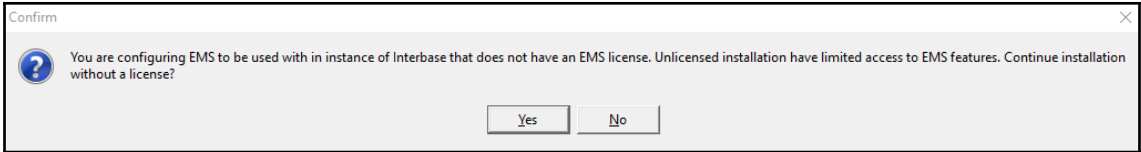
initialization
  Register;
end.

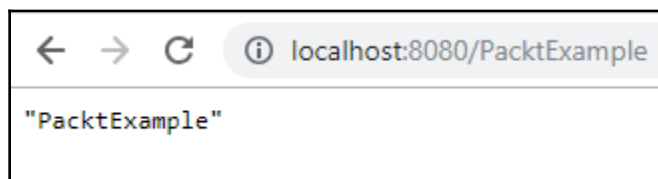
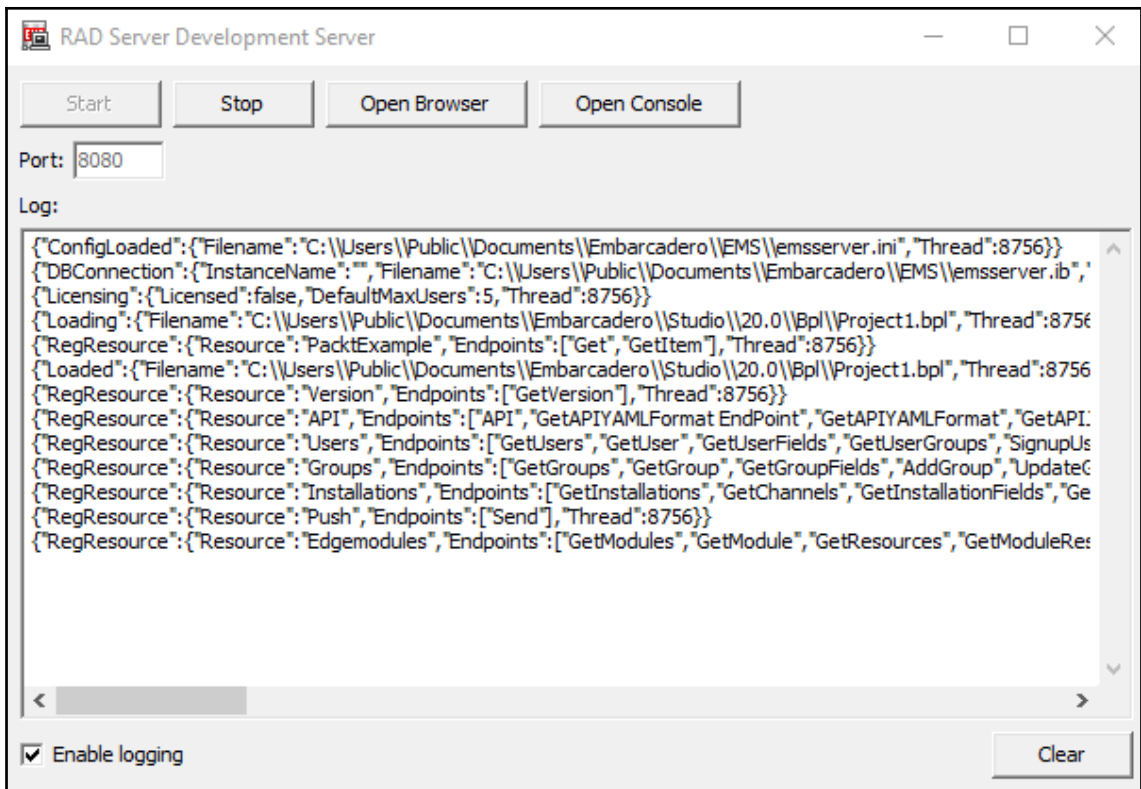
```

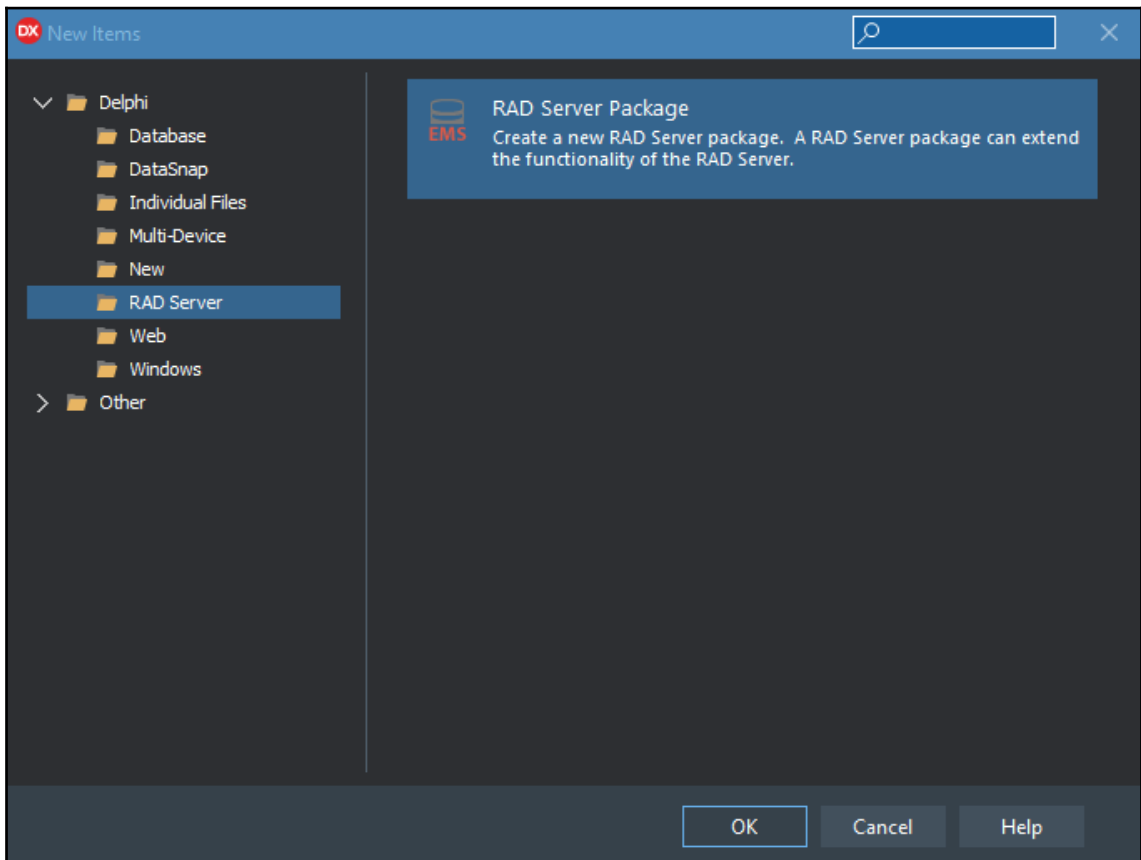
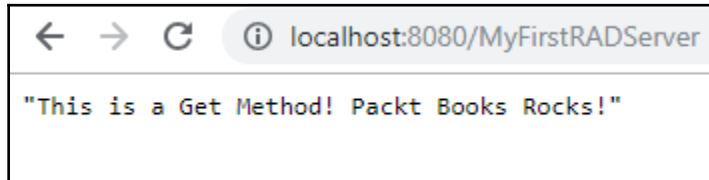
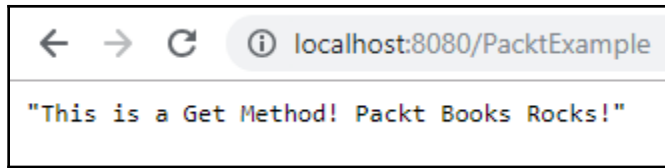


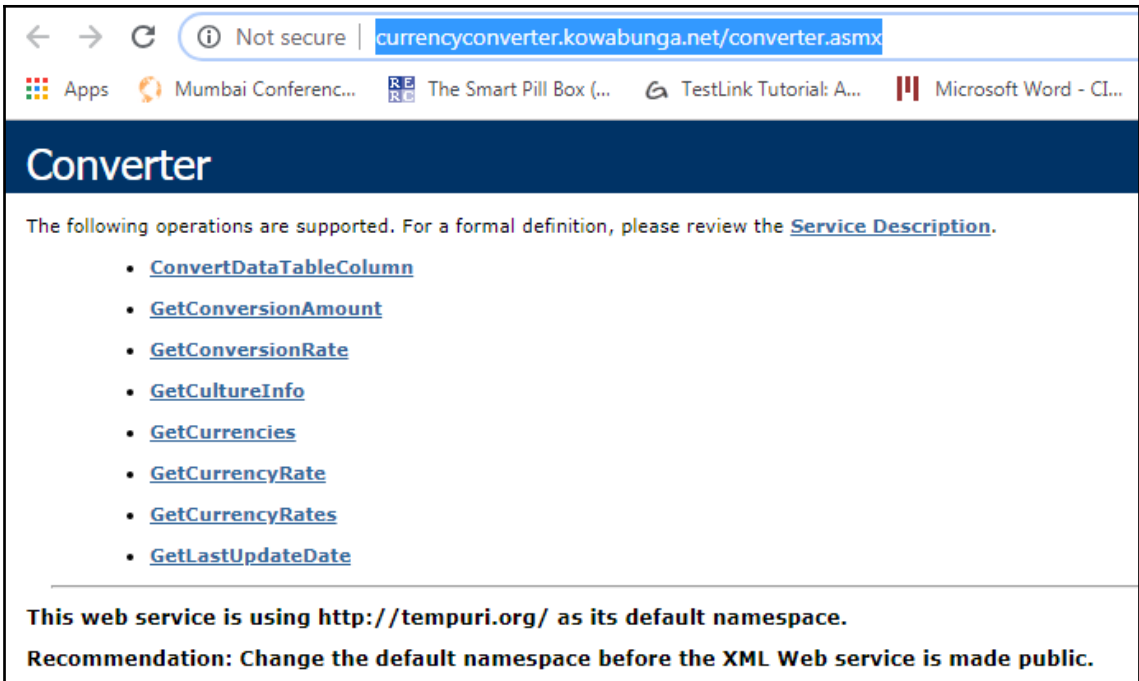












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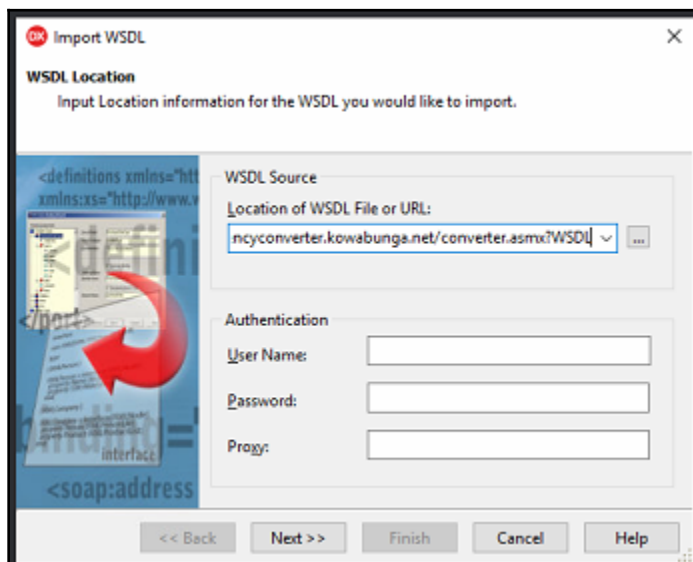
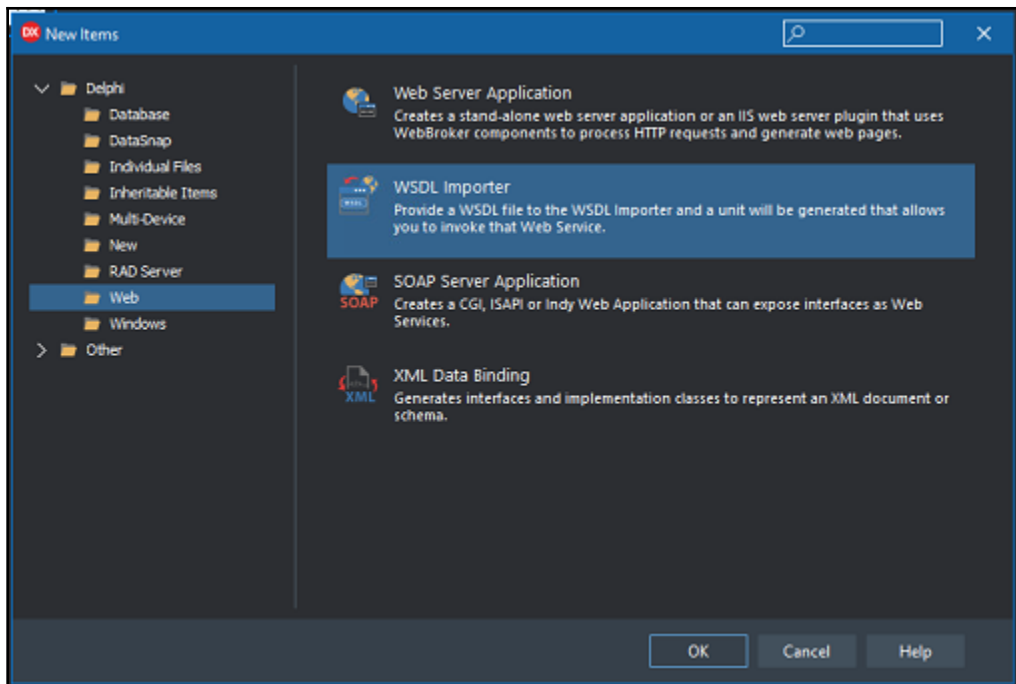
Apps Mumbai Conferenc... The Smart Pill Box (... TestLink Tutorial: A... Microsoft Word - CI...

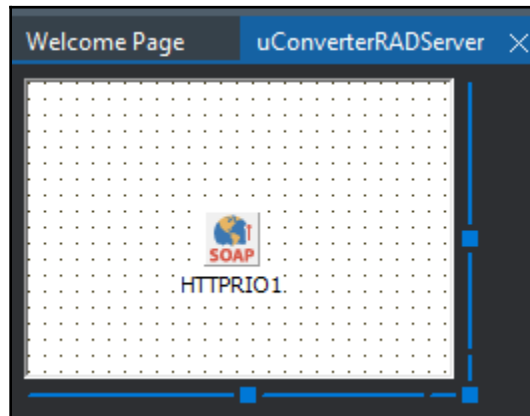
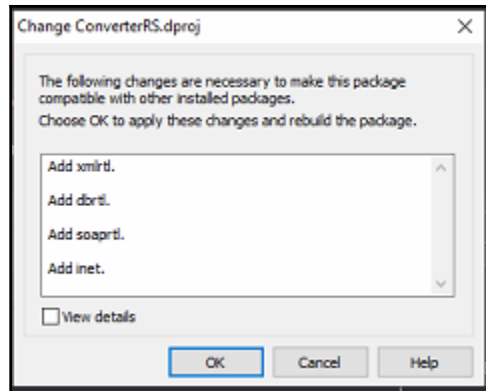
Converter

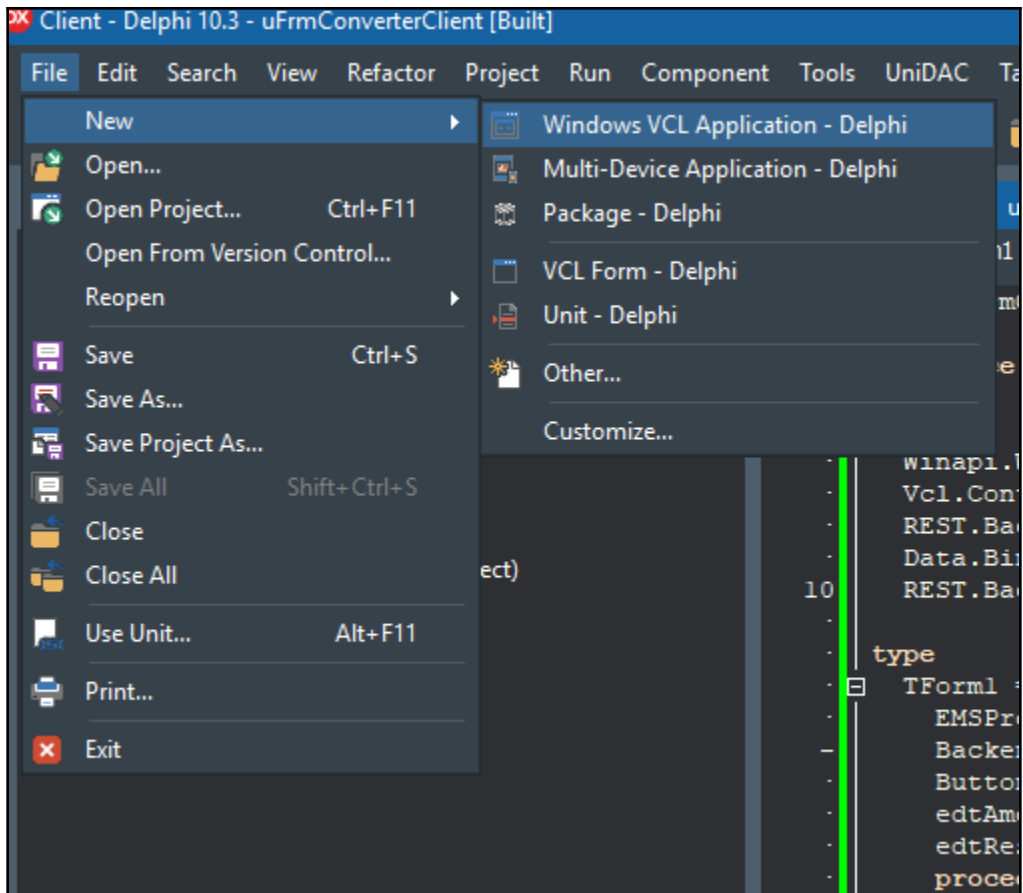
The following operations are supported. For a formal definition, please review the [Service Description](#).

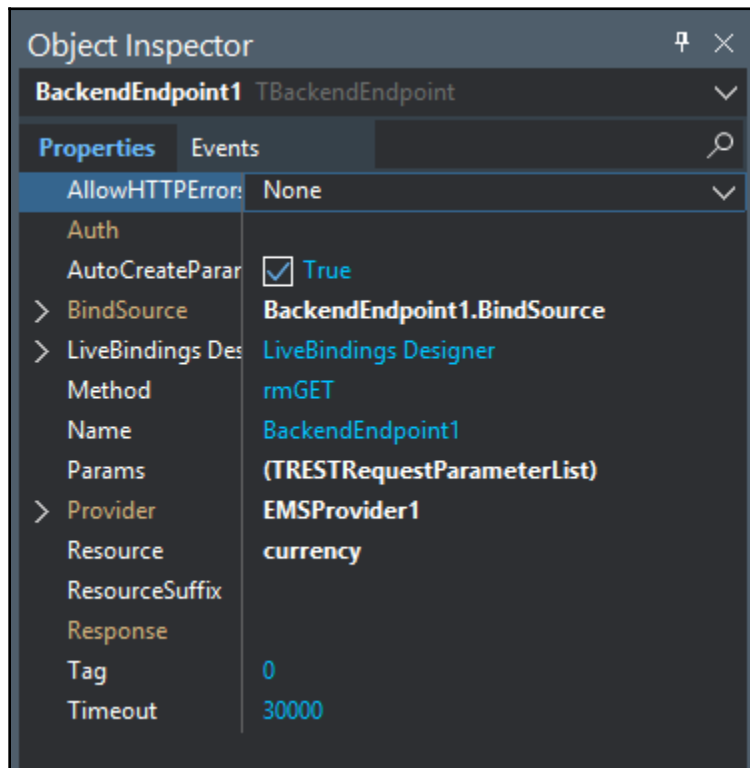
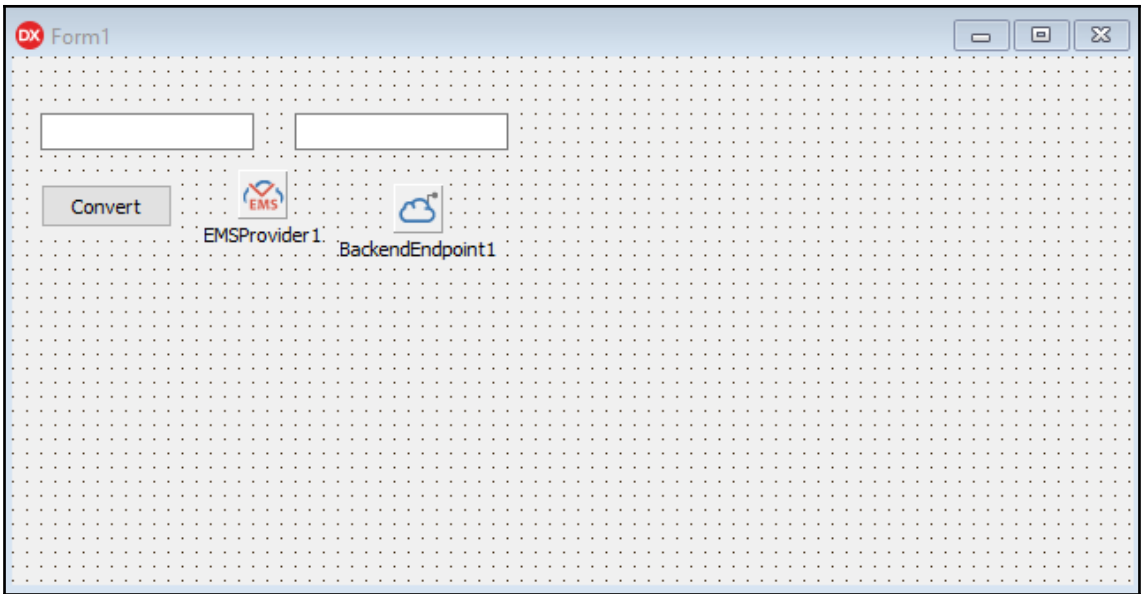
- [ConvertDataTableColumn](#)
- [GetConversionAmount](#)
- [GetConversionRate](#)
- [GetCultureInfo](#)
- [GetCurrencies](#)
- [GetCurrencyRate](#)
- [GetCurrencyRates](#)
- [GetLastUpdateDate](#)

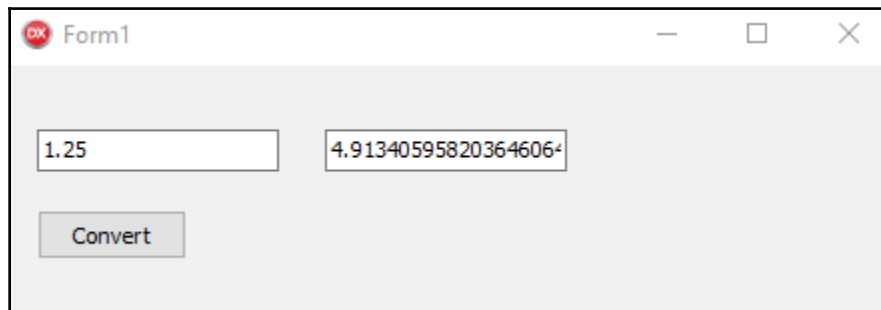
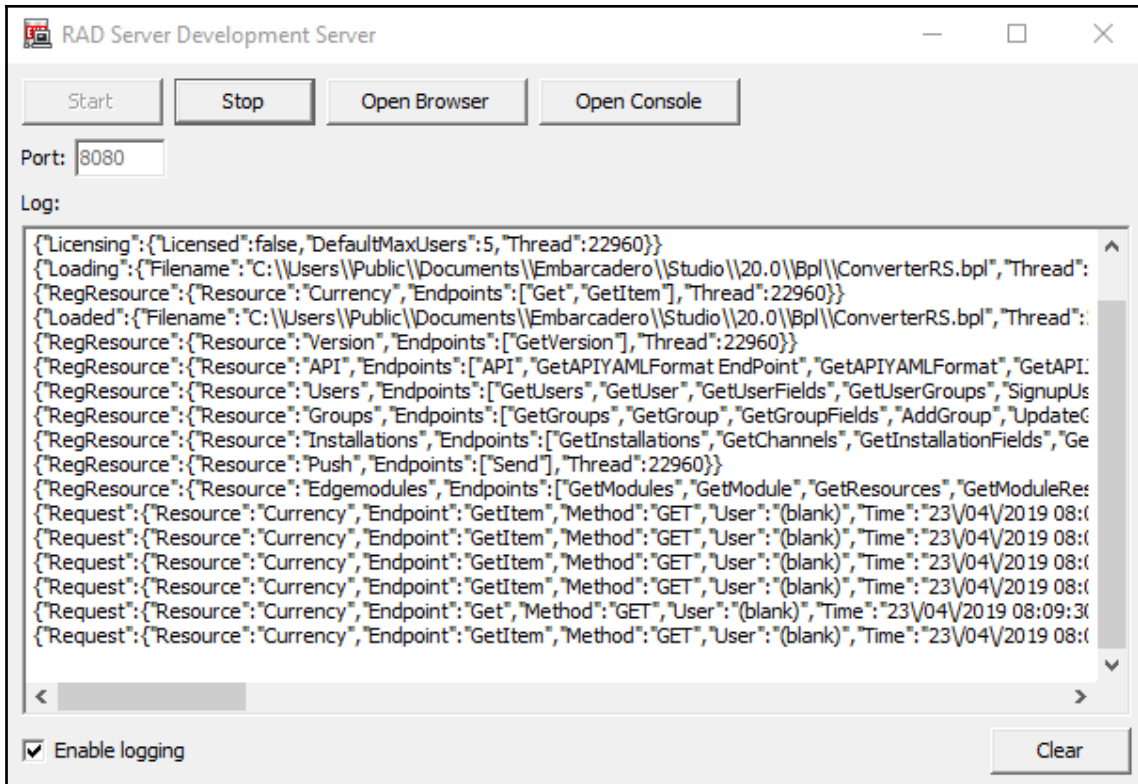
This web service is using `http://tempuri.org/` as its default namespace.
Recommendation: Change the default namespace before the XML Web service is made public.

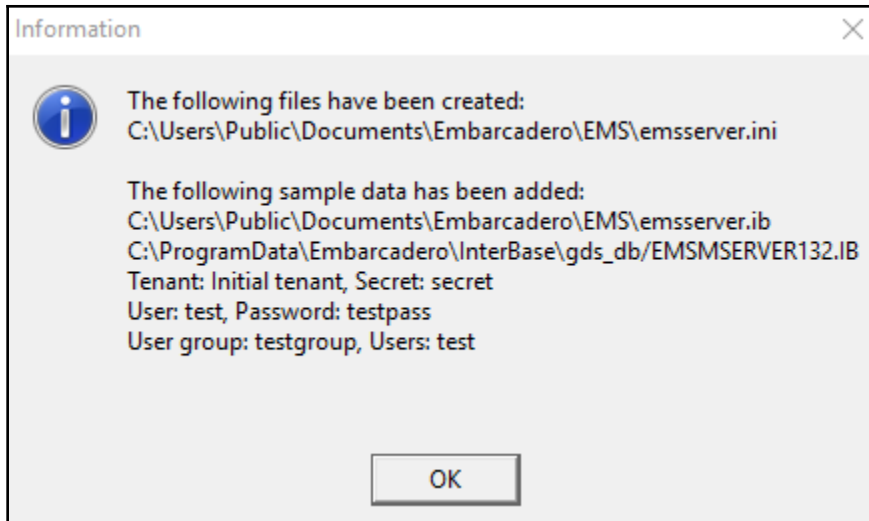




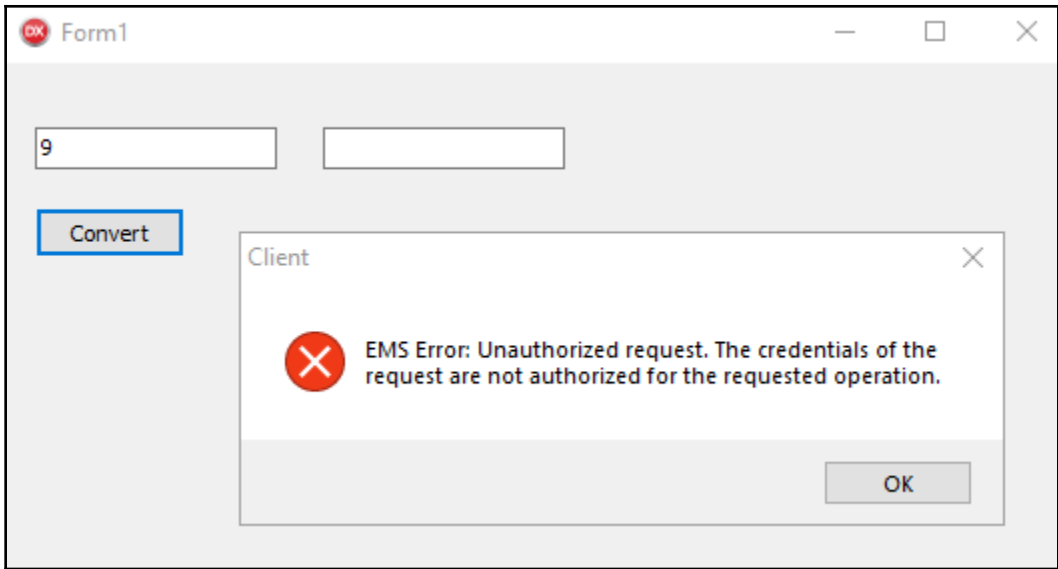


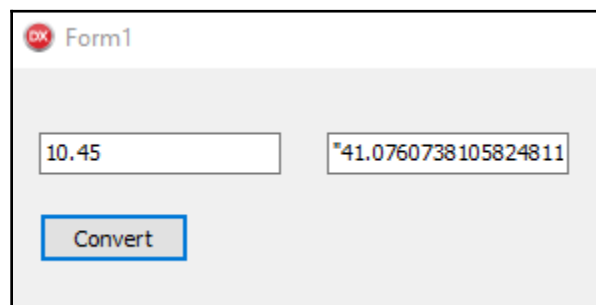
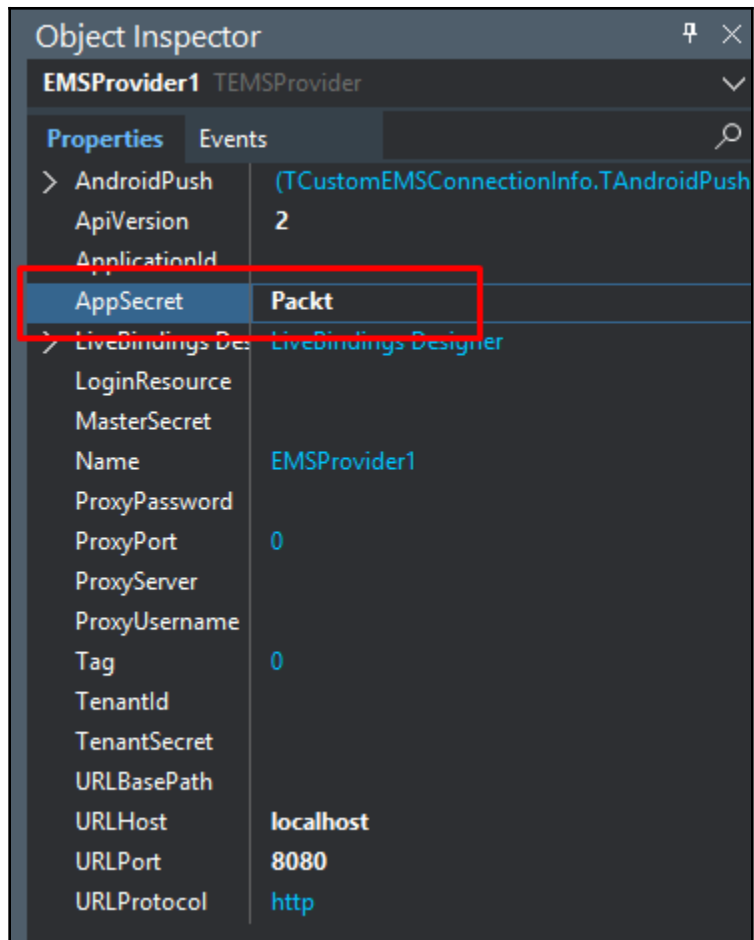


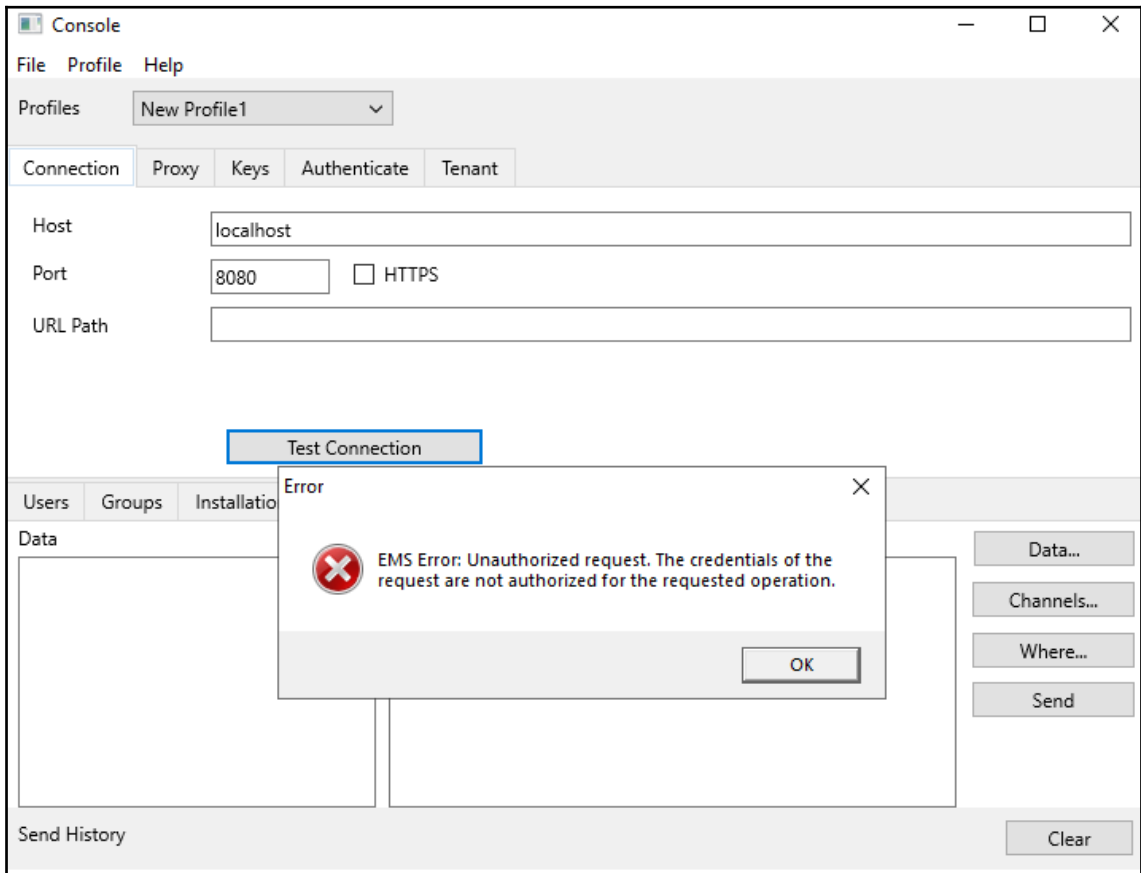
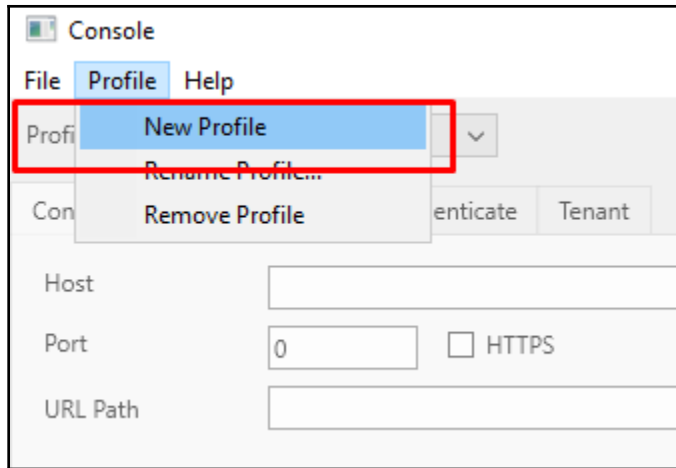


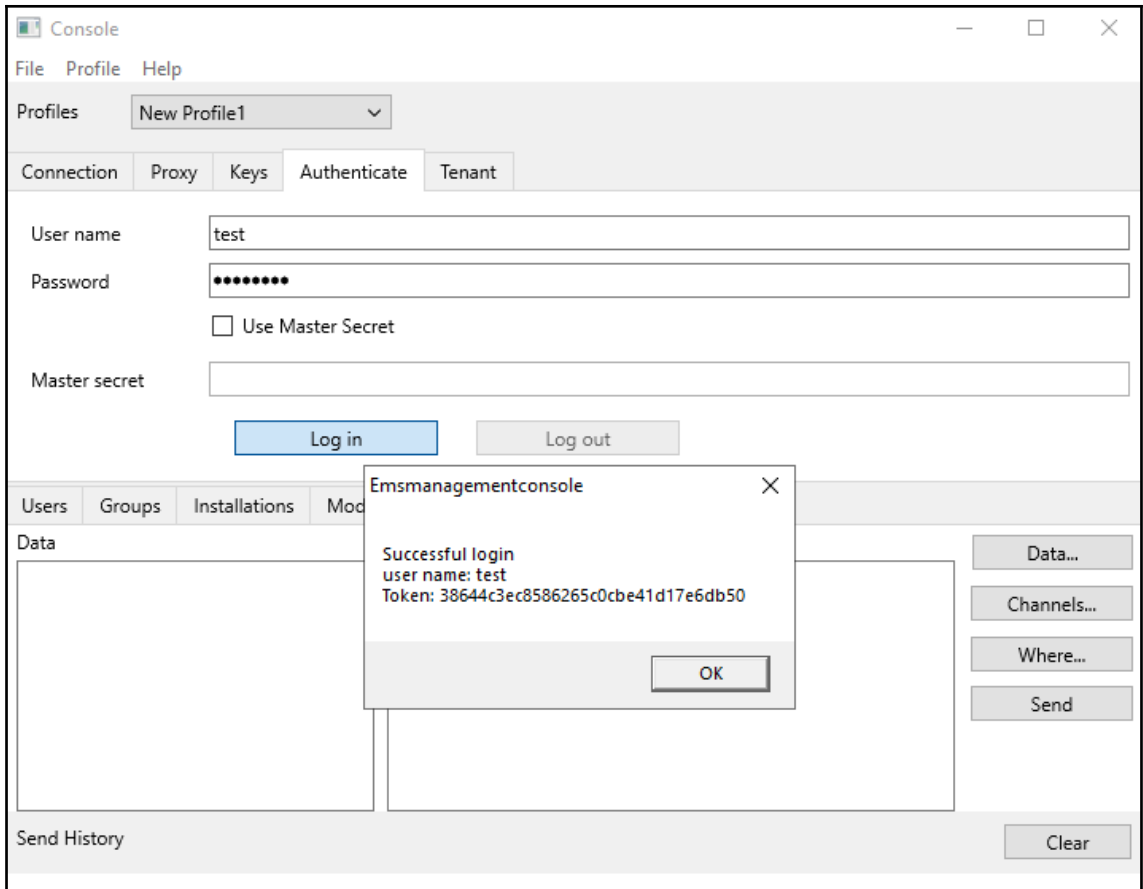


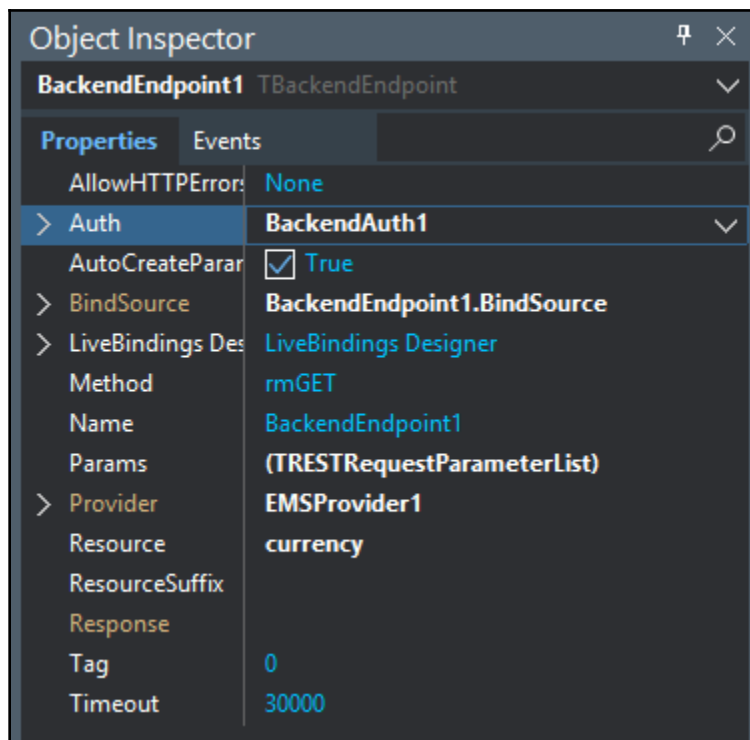
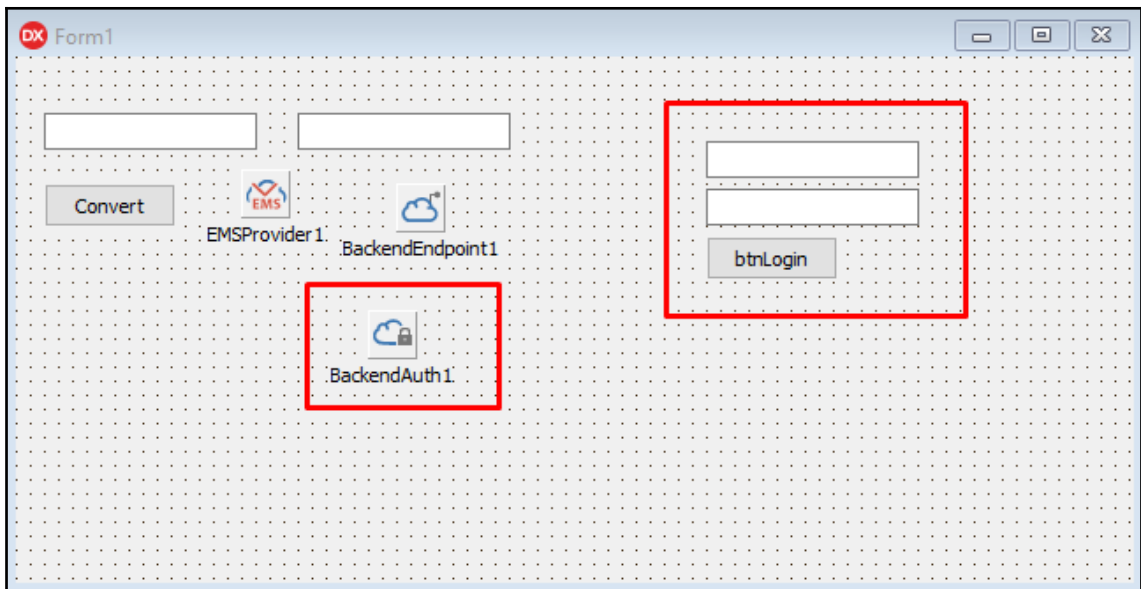
```
1 [Data]
2   ;# Interbase connection parameters
3   InstanceName=
4   Database=C:\Users\Public\Documents\Embarcadero\EMS\emsserver.ib
5   UserName=sysdba
6   Password=masterkey
7   SEPassword=
8   ;# SEPassword connects to an encrypted database
9   Pooled=
10  ;# Set Pooled=0 to disable connection pooled, Pooled=1 to enable. Default value is 1.
11  PooledMax=
12  ;# Set PooledMax=10 to limit maximum pooled connection. Default value is 50.
13
14 [Server.Limits]
15 MaxConnections=
16 ;# Set MaxConnections=10 to limit maximum concurrent HTTP requests. Default is 32.
17 MaxUsers=
18 ;# Set MaxUsers=3 to limit the number of users in the EMS database. This value is only used
19 ;# when less than the maximum users permitted by the EMS runtime license.
20
21 [Server.Keys]
22 MasterSecret=
23 ;# MasterSecret may be blank. If blank then the EMS server will not support
24 ;# MasterSecret authentication.
25 ;# HTTP 401 (Unauthorized) is raised if a request contains an incorrect MasterSecret
26 AppSecret=Packt
27 ;# AppSecret may be blank. If AppSecret is not blank all requests must include the AppSecret.
28 ;# HTTP 401 (Unauthorized) is raised if a request does not contain a correct AppSecret
29 ApplicationID=
30 ;# ApplicationID may be blank. If ApplicationID is not blank, all requests must include the ApplicationID.
31 ;# HTTP 404 (not found) is raised if a request does not contain a correct ApplicationID
```

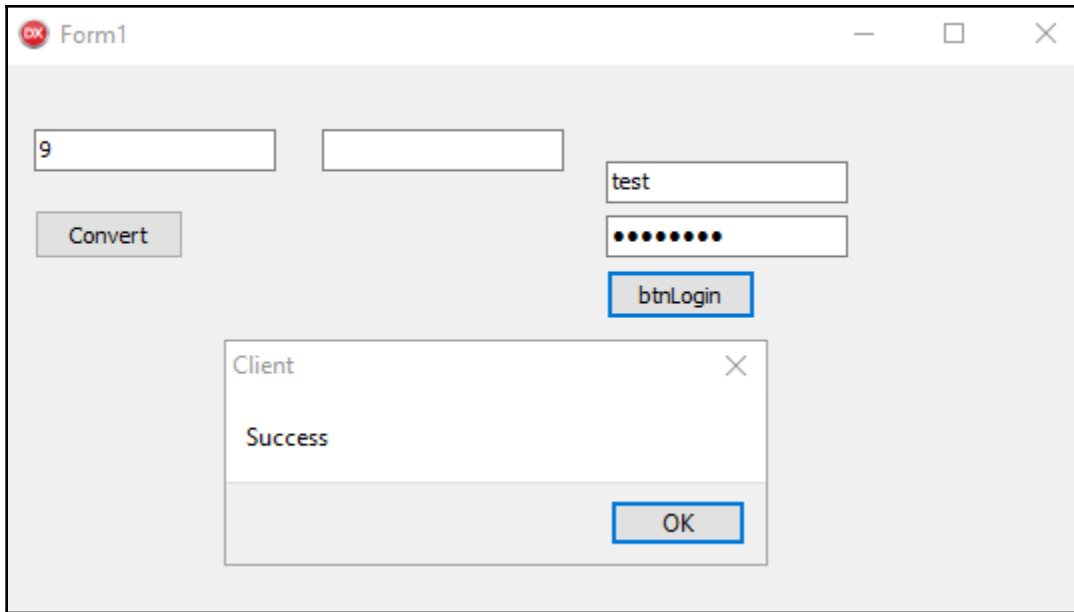


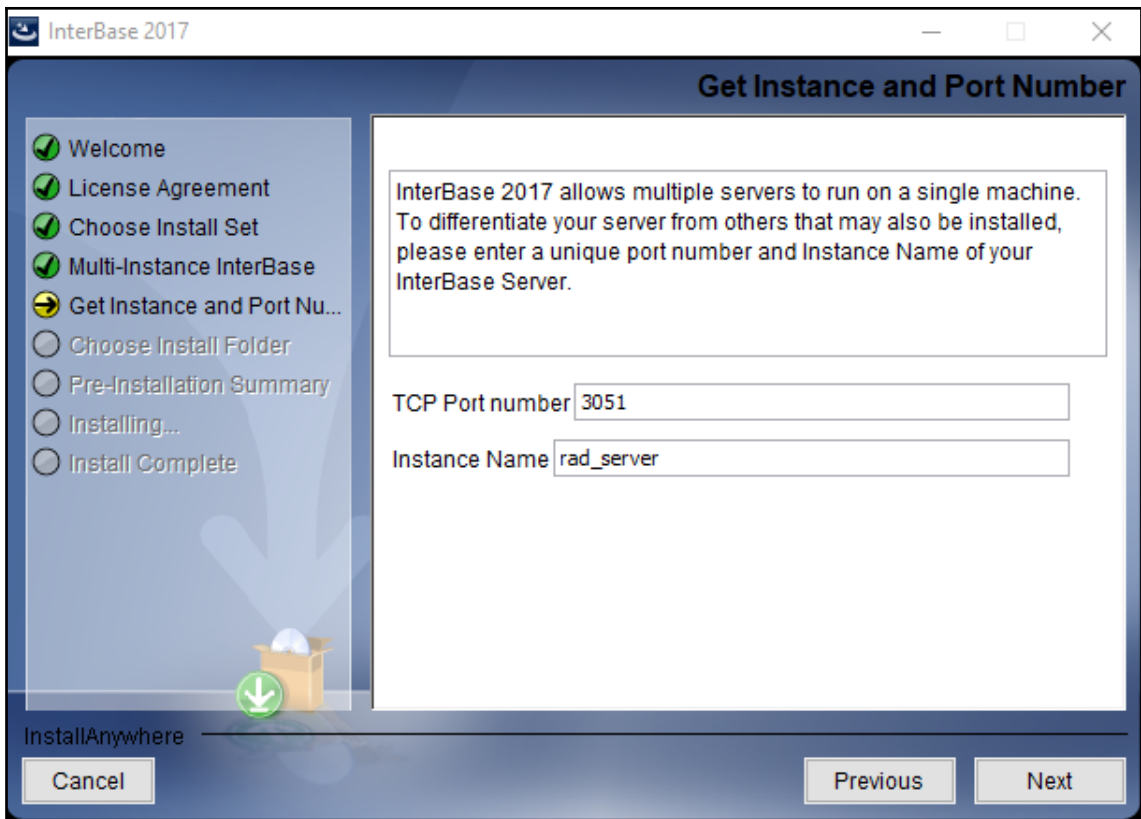


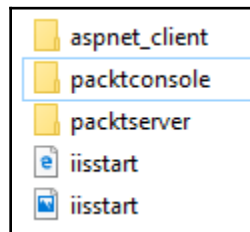
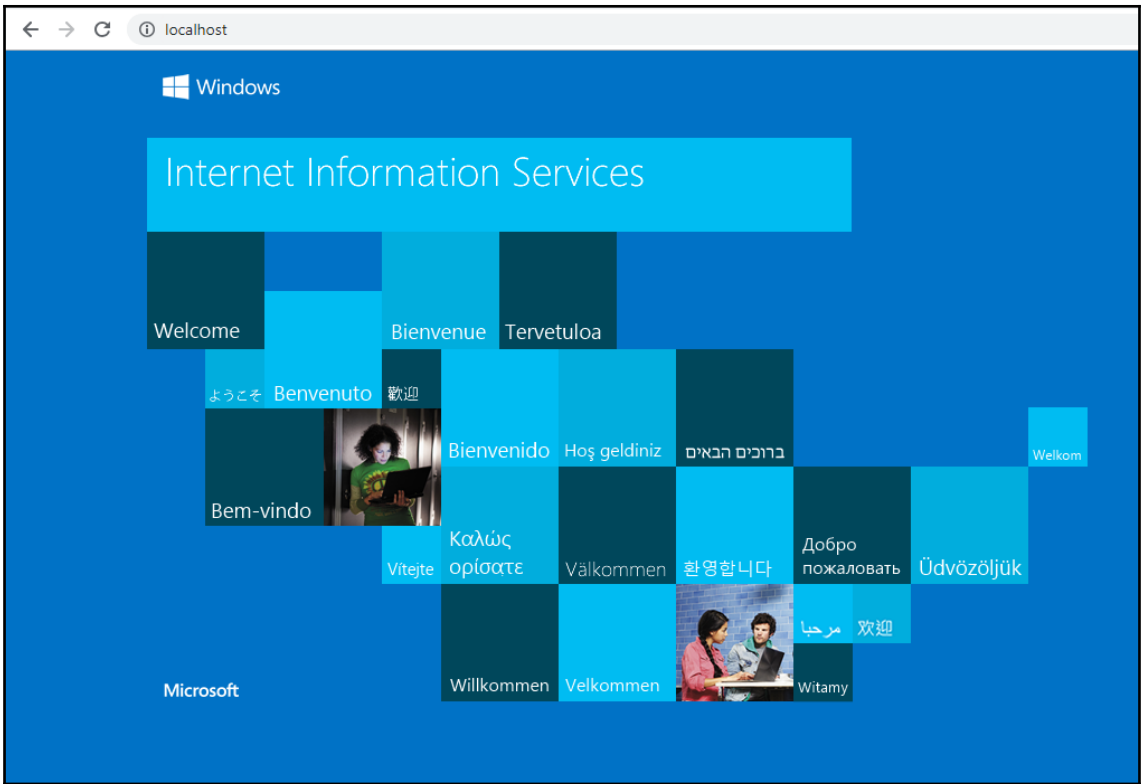


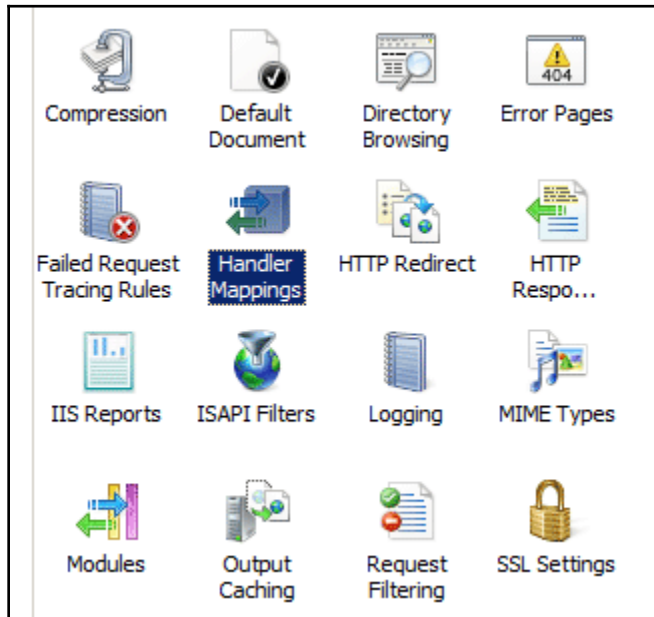
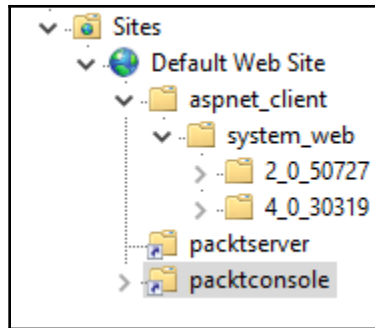


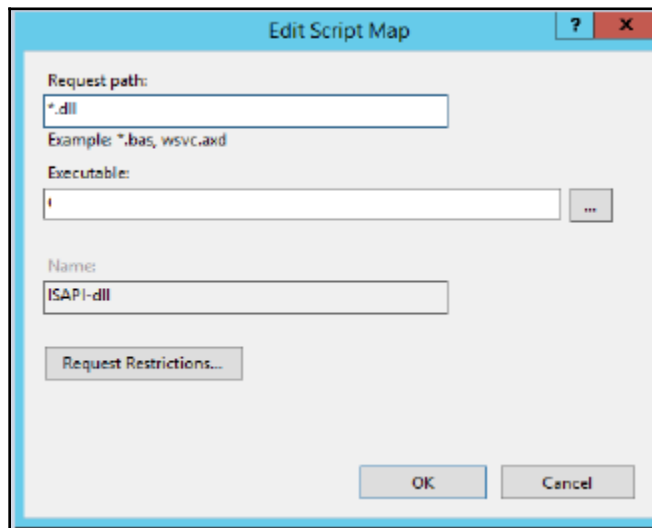
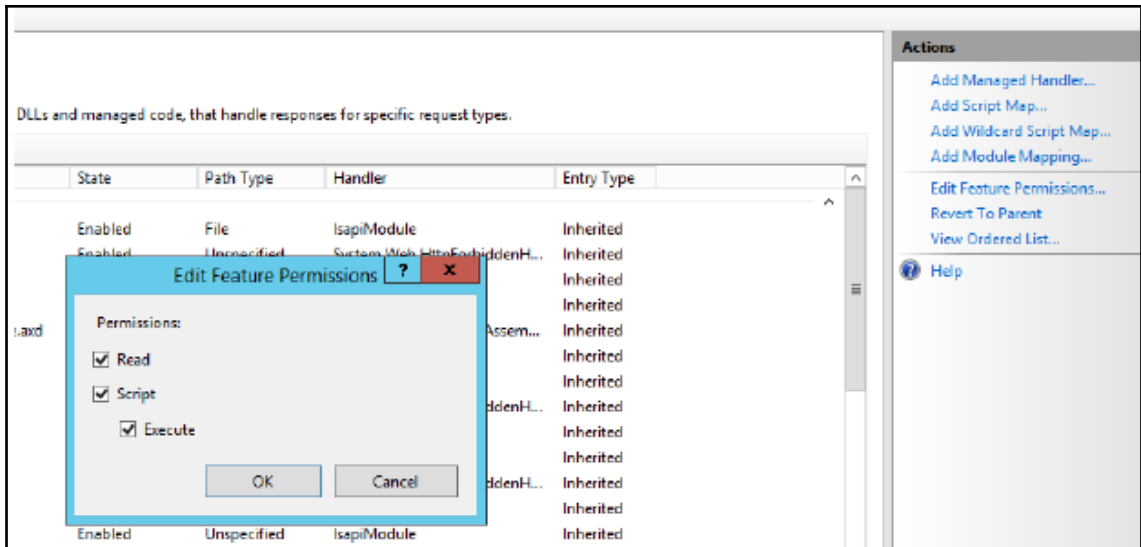































 borIndmm.dll	04/02/2019 21:55	Extensão de aplica...	69 KB
 CustomIPTransport260.bpl	04/02/2019 21:55	Arquivo BPL	220 KB
 dbrtl260.bpl	04/02/2019 21:55	Arquivo BPL	671 KB
 EMSConsole.dll	04/02/2019 21:55	Extensão de aplica...	7.350 KB
 EMSServer.dll	04/02/2019 21:55	Extensão de aplica...	4.215 KB
 emsserver	24/04/2019 01:22	Parâmetros de co...	9 KB
 emsserverapi260.bpl	04/02/2019 21:55	Arquivo BPL	904 KB
 FireDAC260.bpl	04/02/2019 21:55	Arquivo BPL	870 KB
 FireDACCommon260.bpl	04/02/2019 21:55	Arquivo BPL	979 KB
 FireDACCommonDriver260.bpl	04/02/2019 21:55	Arquivo BPL	866 KB
 FireDACIBDriver260.bpl	04/02/2019 21:55	Arquivo BPL	398 KB
 IndyCore260.bpl	04/02/2019 21:55	Arquivo BPL	399 KB
 IndyPClient260.bpl	04/02/2019 21:55	Arquivo BPL	68 KB
 IndyPCommon260.bpl	04/02/2019 21:55	Arquivo BPL	69 KB
 IndyProtocols260.bpl	04/02/2019 21:55	Arquivo BPL	2.588 KB
 IndySystem260.bpl	04/02/2019 21:55	Arquivo BPL	310 KB
 inet260.bpl	04/02/2019 21:55	Arquivo BPL	296 KB
 rtl260.bpl	04/02/2019 21:55	Arquivo BPL	12.691 KB
 web	24/04/2019 00:09	Embarcadero RAD...	1 KB

```
emsserver.ini
1 [Data]
2  ;# Interbase connection parameters
3  InstanceName=rad_server
4  Database=C:\Users\Public\Documents\Embarcadero\EMS
5  UserName=sysdba
6  Password=masterkey
7  SEPassword=
8  ;# SEPassword connects to an encrypted database
9  Pooled=
10 ;# Set Pooled=0 to disable connection pooled, Pooled=1 to enable. Default value is 1.
11 PooledMax=
12 ;# Set PooledMax=10 to limit maximum pooled connection. Default value is 50.
13
14 [Server.Limits]
15 MaxConnections=
16 ;# Set MaxConnections=10 to limit maximum concurrent HTTP requests. Default is 32.
17 MaxUsers=
18 ;# Set MaxUsers=3 to limit the number of users in the EMS database. This value is only used
19 ;# when less than the maximum users permitted by the EMS runtime license.
20
21 [Server.Keys]
22 MasterSecret=
23 ;# MasterSecret may be blank. If blank then the EMS server will not support
24 ;# MasterSecret authentication.
25 ;# HTTP 401 (Unauthorized) is raised if a request contains an incorrect MasterSecret
26 AppSecret=
27 ;# AppSecret may be blank. If AppSecret is not blank all requests must include the AppSecret.
28 ;# HTTP 401 (Unauthorized) is raised if a request does not contain a correct AppSecret
29 ApplicationID=
30 ;# ApplicationID may be blank. If ApplicationID is not blank, all requests must include the ApplicationID.
31 ;# HTTP 404 (not found) is raised if a request does not contain a correct ApplicationID
32
33 [Server.Connection.Dev]
34 Port=80
35 ;# The following options enable HTTPS support.
```

