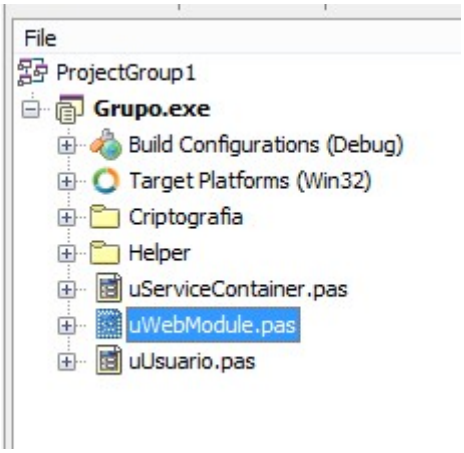
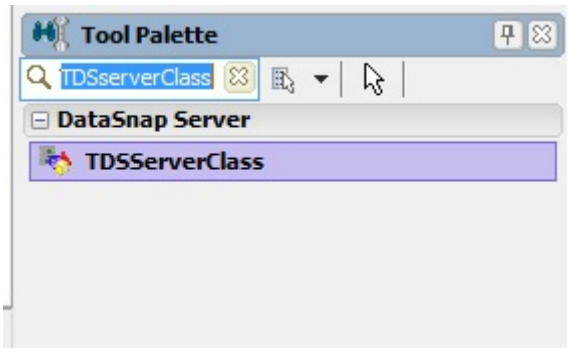
Criando uma Classe no WebService

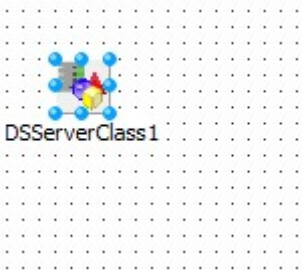
Selecione o uWebModule.pas.



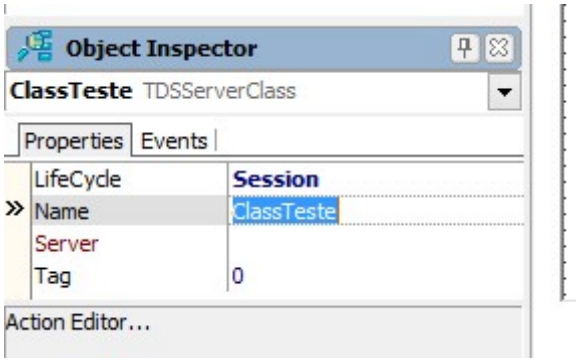
No campo “Search” digite “TDSserverClass” e pressione ENTER.



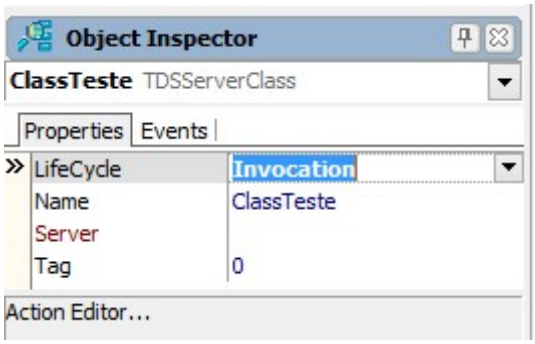
Selecione a classe nova.



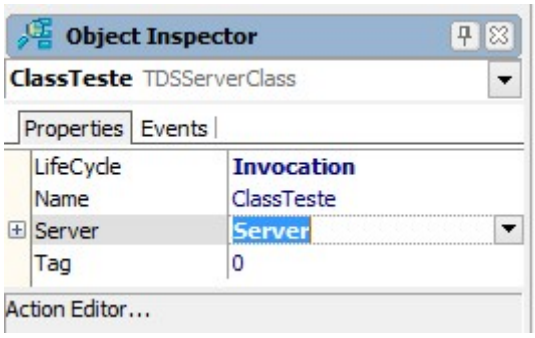
No campo “Name” informe o nome da classe.



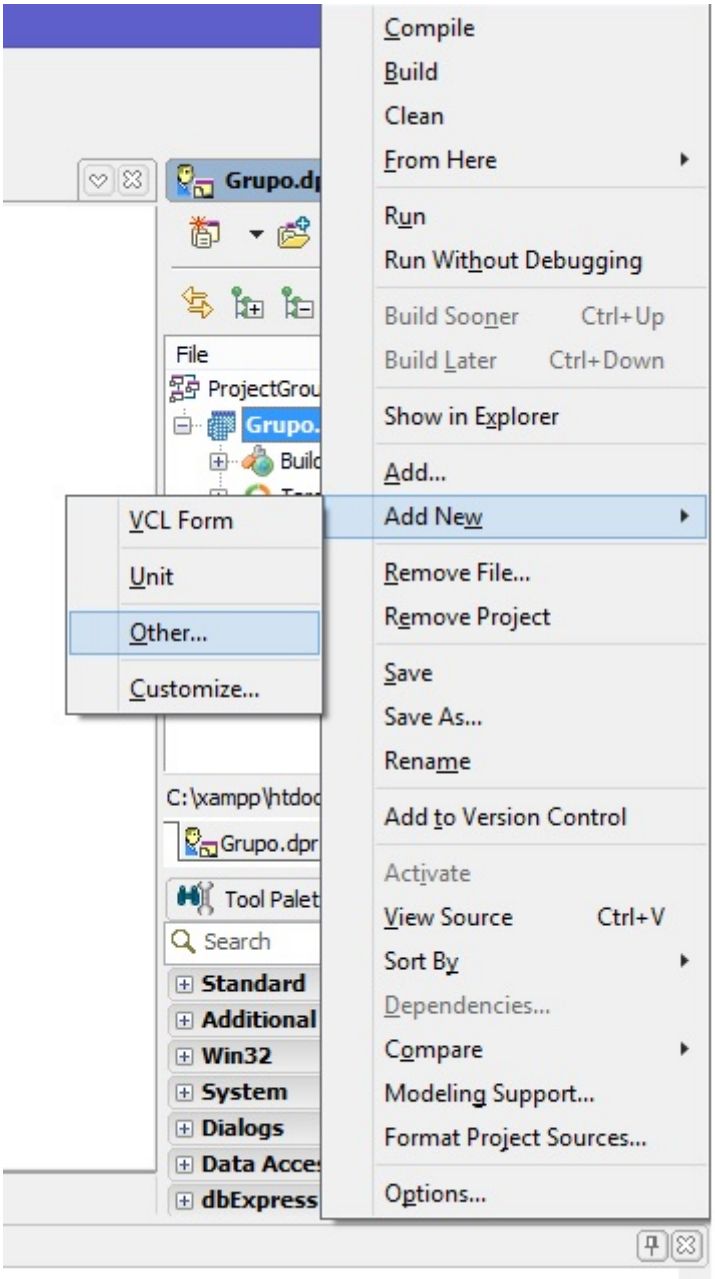
No campo “LifeCycle” mude para “Invocation”.



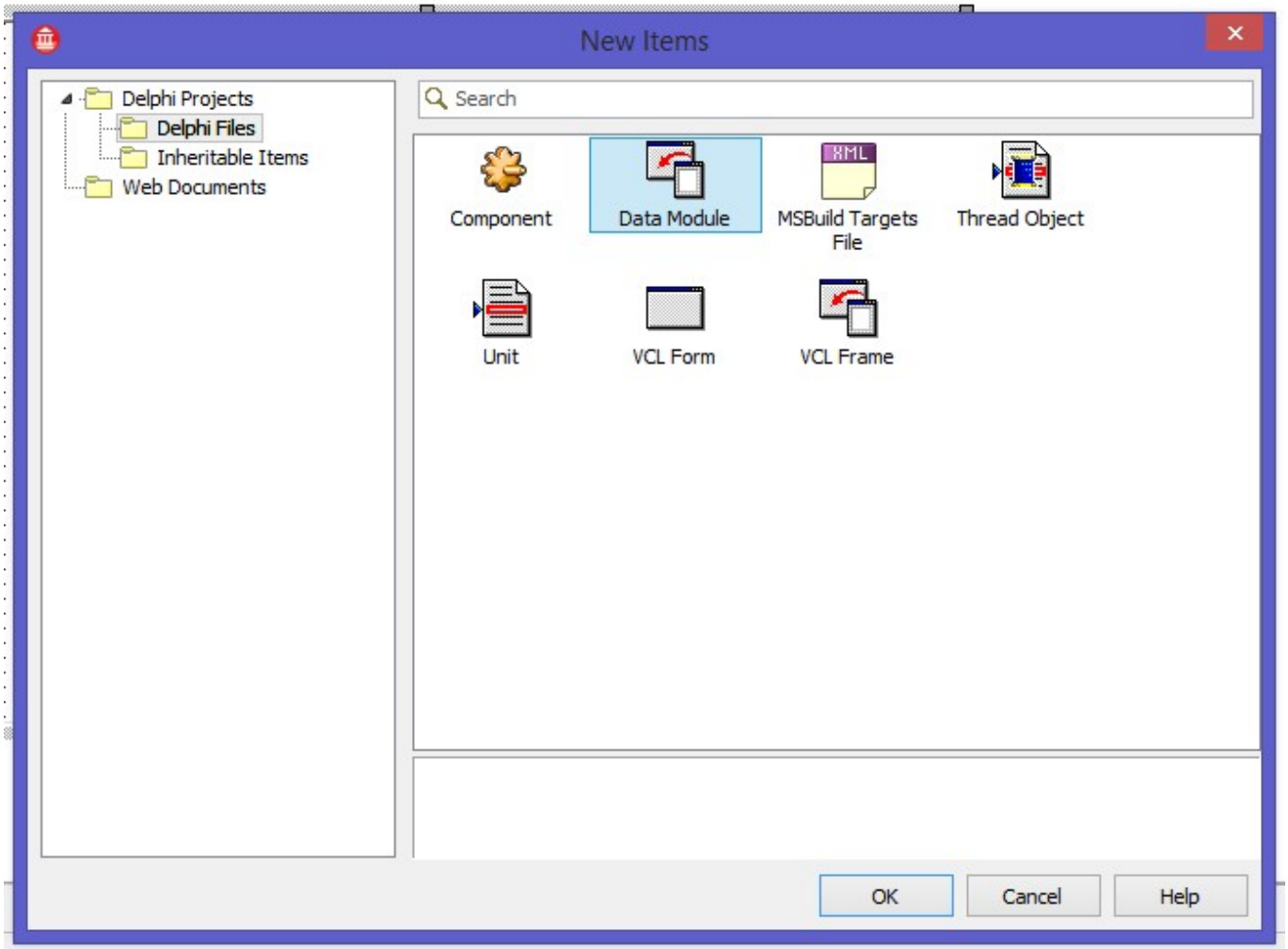
No campo “Server” altere para “Server”.



Clique com o botão direito do mouse no executável do projeto, depois clique em “Add New” e depois em “Other”.

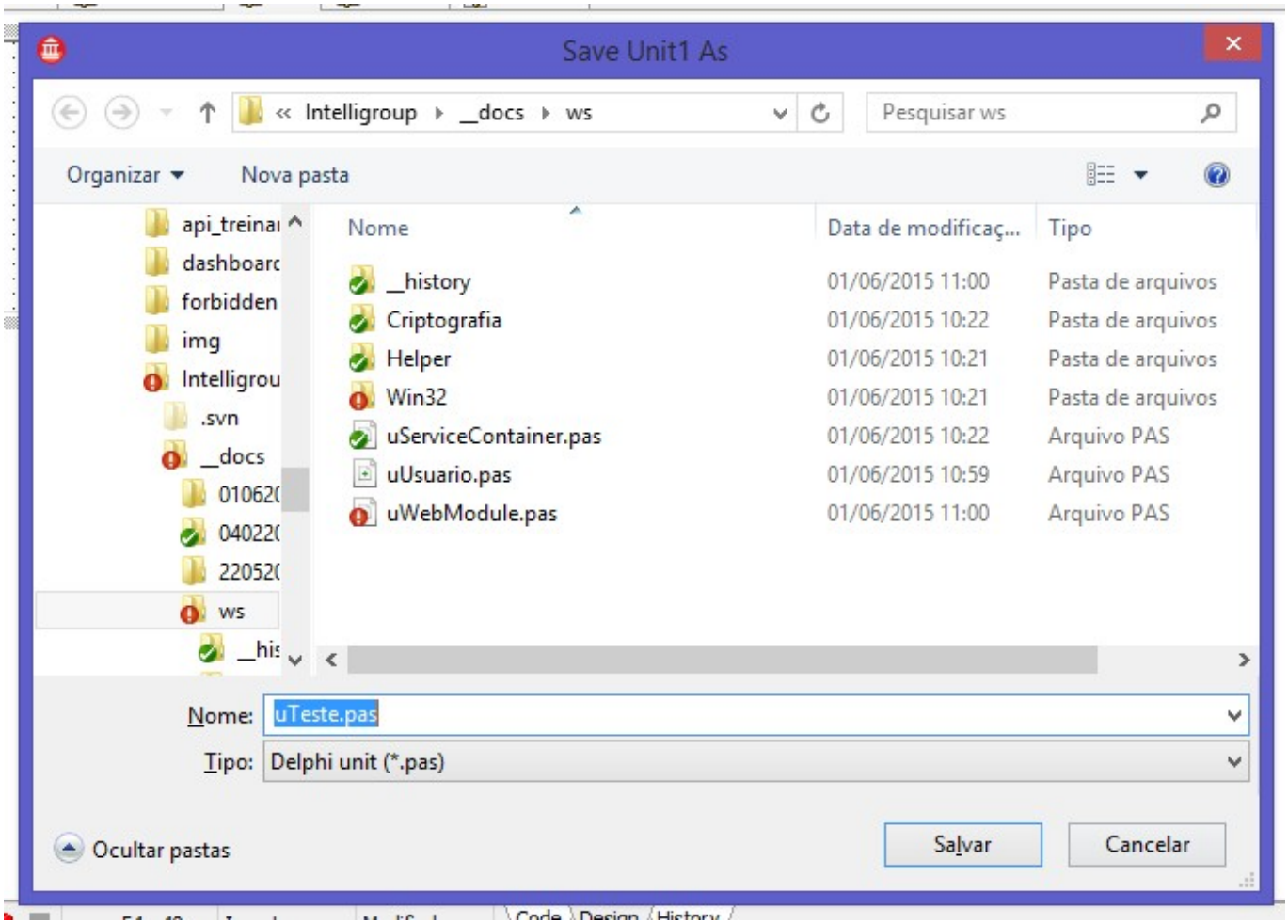


Selecione “Data Module” e depois clique em “OK”.

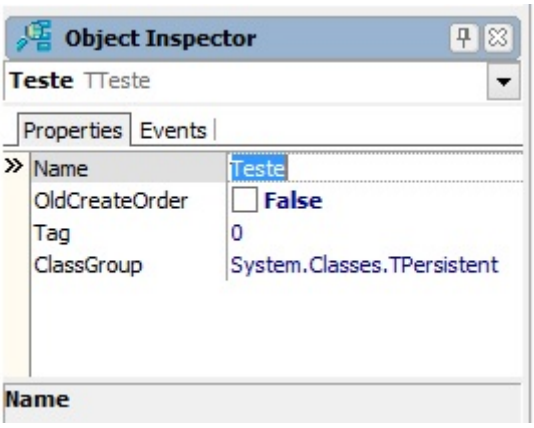


Aperte “ctrl+s” ou vá no menu “File” e click em “save”.

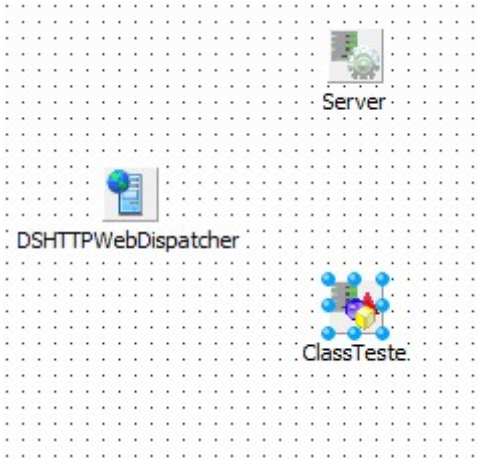
informe o nome do arquivo. Como padrão o nome tem que ter a primeira letra sendo “u” e depois seguido pelo nome da classe. Por exemplo: com a “classTeste” o nome ficaria uTeste.pas. Depois clique no botão “Salvar”.



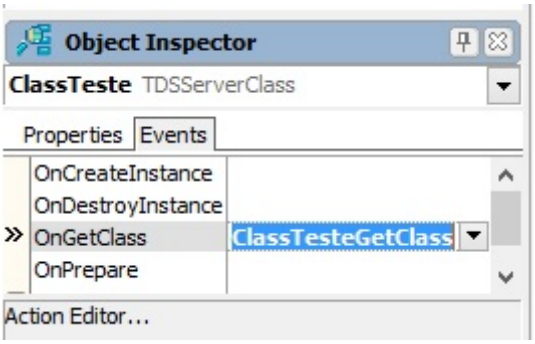
No campo “Name” altere o nome.



Clique na aba do “uWebModule”e depois na classe nova.



Clique em “Events” e depois em “OneGetClass” e depois dê um clique duplo no campo vazio. O campo será preenchido automaticamente.

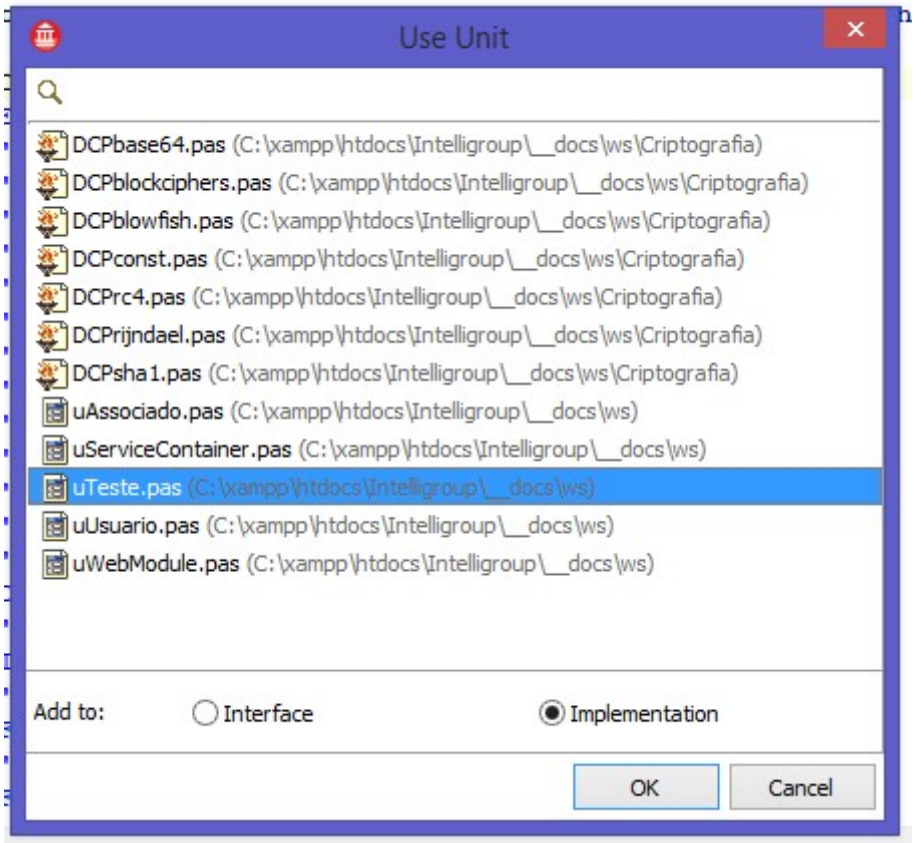


O Delphi Xe2 irá redirecionar para o código fonte do uWebModule. Digite o seguinte comando: PersistentClass := uTeste.TTeste;. Onde o “uTeste” será “u” mais o nome da classe e o “TTeste” será o “T” e mais o nome da classe.

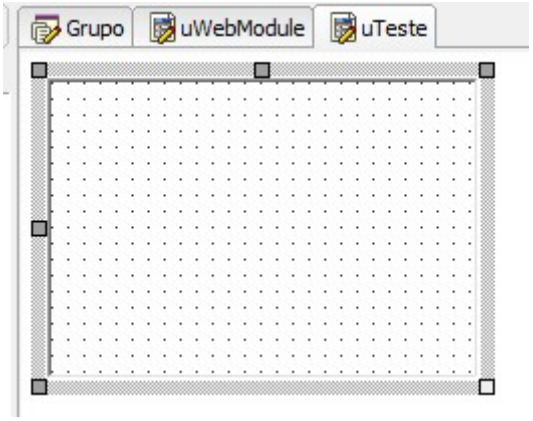
```
  uServiceContainer,StrUtils, DCPbase64, DCPblockciphers, uUsuario, uTeste;

{$R *.dfm}

procedure TWebModule1.ClassTesteGetClass(DSServerClass: TDSServerClass;
  var PersistentClass: TPersistentClass);
begin
  PersistentClass := uTeste.TTeste;
end;

procedure TWebModule1.ClassUsuarioGetClass(DSServerClass: TDSServerClass;
  var PersistentClass: TPersistentClass);
begin
  PersistentClass := uUsuario.TUsuario;
end;

procedure TWebModule1.DSHTTPWebDispatcherFormatResult(Sender: TObject;
  var ResultVal: TJSONValue; const Command: TDBXCommand; var Handled: Boolean);
var
```

56: 3 Insert Modified Code Design History

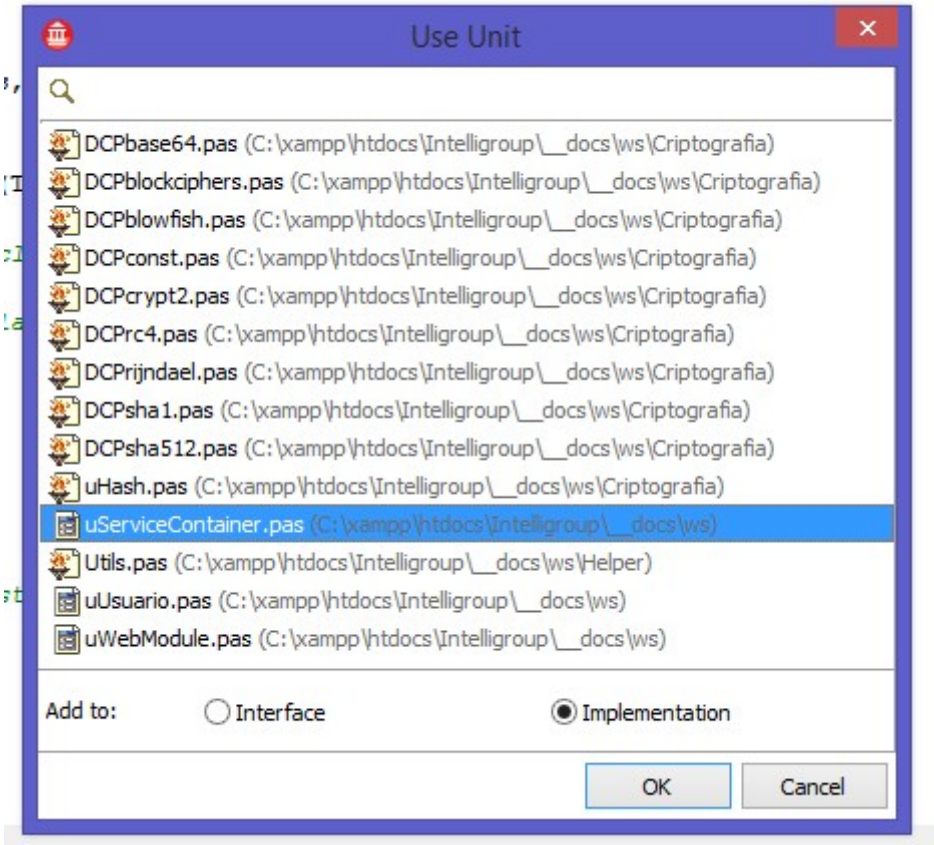
Aperte “Alt+F11” selecione o arquivo ”.pas” que acabou de ser criado e clique no botão “OK”.



Depois volte para aba do “uTeste” e aperte “F12” para ir ao código fonte.



Aperte “Alt+F11” e selecione o “uServiceContainer” e depois clique em “OK”.



No cógigo fonte do “uTeste” altere o tipo da Classe para “TDSServerModule”.

```
uses
  vcl.forms, System.SysUtils, System.Classes, Datasnap.DSSer
  Data.Win.ADODB, Datasnap.Provider, Data.DB, Datasnap.DBCli
  DCPsha512, Datasnap.Win.MConnect, Datasnap.Win.SConnect,Vc
  Data.DBXFirebird, Data.FMTBcd, Data.SqlExpr, System.IniFil
  Utils;

type
  TTeste = class(TDSServerModule)
  private
    { Private declarations }
    function getLogo( tipo : String ) : String;
  public
    { Public declarations }
    function online( Obj : TJSONObject ) : TJSONObject;
  end;

var
  Teste: TTeste;
```

Bibliotecas a serem adicionadas em uses:

vcl.forms, System.SysUtils, System.Classes, Datasnap.DSServer, Datasnap.DSAuth, Data.Win.ADODB, Datasnap.Provider, Data.DB, Datasnap.DBClient,Datasnap.Win.MConnect, Datasnap.Win.SConnect,Data.DBXFirebird, Data.FMTBcd, Data.SqlExpr, System.IniFiles, Vcl.Dialogs, DBXJSON, System.StrUtils, Soap.EncdDecd, IdBaseComponent, IdComponent, IdTCPConnection, IdTCPClient, IdHTTP;

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