How to use *TmsNNTPClient* component

TmsNNTPClient component implements Network News Transfer Protocol (NNTP, RFC 977) and allows an access to the Usenet Newsgroups.

TmsNNTPClient component is used in conjunction with *TmsArticle* component. These two components work alike of *TmsPOPClient* and *TmsMessage* components.

Let's try to create an application, which connects to the specified newsgroup, searches for the article, the subject of which contains specified string, and, if it finds it, retrieves the article and displays it.

Start up *Delphi*. Then, drop on the *Form TmsNNTPClient* and *TmsArticle* components, then click *TmsNNTPClient* component, go to the Object inspector and set its *Article* property to *msArticle1*. Then, drop three *TLabel*, three *TEdit*, one *TButton*, and one *TMemo* components on the form, name the *Edit* components as *ServerEdit*, *NewsgroupEdit*, and *SearchEdit*, *Button – SearchButton*, and *Memo – BodyMemo*.

Your form should look like this

Double click *SearchButton*, and create the event handler, which looks like this:

```
procedure TForm1.SearchButtonClick(Sender: TObject);
var
  i: Integer;
  Found: boolean;
begin
  msNNTPClient1.Host:=ServerEdit.Text;
  msNNTPClient1.Login;
  msNNTPClient1.Newsgroup:=NewsgroupEdit.Text;
  msNNTPClient1.GetOverview(msNNTPClient1.FirstArticle,
    msNNTPClient1.LastArticle);
  Found:=false;
  for i:=0 to msNNTPClient1.Overview.Count-1 do
  begin
    Found:=Pos(LowerCase(SearchEdit.Text),
      LowerCase(msNNTPClient1.Overview[i].Subject))>0;
    if Found then Break;
  end;
  if Found then
  begin
    msNNTPClient1.CurrentArticle:=msNNTPClient1.Overview[i].ArticleNo;
    msNNTPClient1.Retrieve;
    BodyMemo.Lines:=msArticle1.Body;
  end
  else
    ShowMessage('Cannot find the article');
  msNNTPClient1.Logout;
end;
```

In the first line we are setting the host we want to connect to, then, we are logging into the server, by calling *Login* method. In the third line we are selecting the newsgroup. After this, we are calling *GetOverview* method, which retrieves the information about the articles in the newsgroup. We are requesting overviews of all articles, starting from first one, and ending with the last.

After we are done with it, we are iterating through the *Overview*, trying to find the article, subject of which contains the search string. *Overview* property is a list of *TmsOverviewItem* objects, which contains useful information about the articles, including the subject of the article. If we find the article we are looking for, we are interrupting the loop, and setting the CurrentArticle pointer to the article we just found (*OverviewItem* also contains the number of the article, and we are using this information). Then, we are retrieving the article, and displaying its body in the BodyMemo.

If the article has not been found, we are displaying the message about it.

This project can be found in *DOCS* folder, its name is *nntp.drp*. You also should take a look at the project *nntpdemo.dpr*, which can be found in the *DEMOS* folder, and which is fully functional NNTP client.