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Posted by [harvest](#) on Tue, 06 Jun 2023 04:48:48 GMT

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```
ACurCodeN:=682;
CDate:=01.01.2022;
RDate:=28.02.2022;
URL:='https://www.cbr.ru/hd_base/seldomc/sc_dynamic/?UniDbQuery.Posted=True&UniDbQuery
.From='+DateToStr(CDate)+'&UniDbQuery.To='+DateToStr(RDate)+'&UniDbQuery.ValID='+ACur
CodeN;
try
  //FDataModule.IdHTTP1.HandleRedirects:=true;

  AHTML:=FdataModule.NetHTTPClient1.Get(URL).ContentAsString;
  Doc:=coHTMLDocument.Create as IHTMLDocument2;
  v:=VarArrayCreate([0, 0], varVariant);
  v[0]:=AHTML;
  Doc.write(PSafeArray(System.TVarData(v).VArray));
  DocTR:=Doc.all.tags('TR') as IHTMLCollection;
  for i:=1 to DocTR.length-1 do
    begin
      TRelement:= DocTR.Item(i,0) as IHTMLCollection;
      DocTD:=TRelement.children as IHTMLCollection;
      if (DocTD.length>2) then
        begin
          ADate:=StrToDate((DocTD.Item(0, 0) as IHTMLCollection).innerText);
          AValue:=StrToCurr((DocTD.Item(2, 0) as IHTMLCollection).innerText);
        end
      end
    end
  finally
    Doc:=nil;
  end
```

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Posted by [BlackEric](#) on Tue, 06 Jun 2023 07:55:29 GMT  
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Posted by [harvest](#) on Tue, 06 Jun 2023 08:05:53 GMT  
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Posted by [BlackEric](#) on Tue, 06 Jun 2023 16:15:19 GMT  
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<https://www.cbr.ru/DailyInfoWebServ/DailyInfo.aspx?op=GetCur sOnDateXML>

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Posted by [BlackEric](#) on Wed, 07 Jun 2023 14:12:25 GMT  
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Posted by [harvest](#) on Wed, 07 Jun 2023 14:42:43 GMT  
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Posted by            on Wed, 07 Jun 2023 15:01:03 GMT  
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Posted by [harvest](#) on Thu, 08 Jun 2023 05:02:47 GMT  
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Posted by [harvest](#) on Thu, 08 Jun 2023 07:06:54 GMT

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```
procedure TFUpdate.sButton1Click(Sender: TObject);
begin
  FDataModule.FDQueryRead.Close;
  FDataModule.FDQueryRead.SQL.Clear;
  FDataModule.FDQueryRead.SQL.Text:='select max(CLD_DATE) from CALENDAR';
  FDataModule.FDQueryRead.Open;
  LastDate:=FDataModule.FDQueryRead.FieldByName('MAX').AsDateTime;
begin
  while LastDate<=Date do
  begin
    FDataModule.FDTransactionWrite.StartTransaction;
  try
    FDataModule.FDQueryWrite.Close;
    FDataModule.FDQueryWrite.SQL.Clear;
    FDataModule.FDQueryWrite.SQL.Text:='update or insert into CALENDAR (CLD_DATE)
values (:CldDate) matching(CLD_DATE)';
    FDataModule.FDQueryWrite.Params.ParamByName('CldDate').AsDate:=LastDate;
    FDataModule.FDQueryWrite.ExecSQL;
    FDataModule.FDTransactionWrite.Commit;
  except
    FDataModule.FDTransactionWrite.Rollback;
  raise;
  end;
  LastDate:=LastDate+1;
end;
end;

LastDate:=Date;
FDataModule.FDQueryRead.Close;
FDataModule.FDQueryRead.SQL.Clear;
FDataModule.FDQueryRead.SQL.Text:='select CLD_DATE from CALENDAR where
CLD_DATE=:CurDate';
FDataModule.FDQueryRead.Params.ParamByName('CurDate').AsDate:=LastDate;
FDataModule.FDQueryRead.Open;

sMemo1.Text:=DateToStr(FDataModule.FDQueryRead.FieldByName('CLD_DATE').AsDateTime)
;
end;
```

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