

Update domain name at DNSZI in Delphi

To update IP address at DNSZI(<http://dnszi.com>), you need user ID, auth key, your domain name, and its hostname.

Below code get local IP address assigned, and update DNS at <http://dnszi.com>

```
function UpdatedDNSByLocalIP(dnszi_user_id, dnszi_auth_key, dnszi_domain, dnszi_record: string):string;
type
  TaPinAddr = array [0..10] of PInAddr;
  PaPinAddr = ^TaPinAddr;
var
  phe: PHostEnt;
  pptr: PaPinAddr;
  Buffer: array [0..63] of Ansichar;
  i: Integer;
  GInitData: TWSADATA;
  IdHTTP: TIdHTTP;
  MyIP, url, S: string;
begin
  WSASStartup($101, GInitData);
  MyIP := '';
  GetHostName(Buffer, SizeOf(Buffer));
  phe := GetHostByName(Buffer);
  if phe = nil then
    Exit;
  pptr := PaPinAddr(phe^.h_addr_list);
  i := 0;
  while pptr[i] <> nil do
    begin
      MyIP := StrPas(inet_ntoa(pptr[i]^));
      Inc(i);
    end;
  WSACleanup;

  // update DNS
  IdHTTP := TIdHTTP.Create(nil);
  try
    url := 'http://ddns.dnszi.com/set.html?user=' + dnszi_user_id + '&auth=' + dnszi_auth_key + '&domain=' +
    dnszi_domain + '&record=' + dnszi_record + '&ip=' + MyIP;
    S := IdHTTP.Get( url);
  finally
    IdHTTP.Free;
  end;

  Result := S;
end;
```

Below code just update domain name by public IP address combined with your router instead of local IP address actually assigned to your computer.

```
function UpdatedDNSByLocalIP(dnszi_user_id, dnszi_auth_key, dnszi_domain, dnszi_record: string):string;
var
  IdHTTP: TIdHTTP;
  url, S: string;
begin
  // update DNS
  IdHTTP := TIdHTTP.Create(nil);
  try
    url := 'http://ddns.dnszi.com/set.html?user=' + dnszi_user_id + '&auth=' + dnszi_auth_key + '&domain=' +
    dnszi_domain + '&record=' + dnszi_record;
    S := IdHTTP.Get( url);
  finally
    IdHTTP.Free;
  end;

  Result := S;
end;
```