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function [r] = search_google( word1,word2,word3,keyword )

x='%';
b=strcat(word1,x,word2,x,word3);
a=char(b);
f=fopen('words.txt','w+');
fprintf(f,'%s\n',word1);
fprintf(f,'%s\n',word2);
fprintf(f,'%s',word3);
fclose(f);
disp(a);
urlp=['http://www.google.com/search?hl=en&q=' a];

txt=urlread(urlp);

urlwrite(urlp,'tst2.html');
all=regexp(txt,'http');

taj=regexp(txt,'<');
for i=2:numel(all)

    pos(i)=all(i);

    k=1;
    while taj(k)<pos(i)
        k=k+1;
    end

    brik(i)=taj(k)-1;

end

work=0; % un compteur pour les workables links in the first search
for i=2:numel(brik)
    try
        xo=regexp(txt(all(i):brik(i)),'<');
        work1(i)=i;
        work=work+1;
    catch
        disp('sthg wrong in the link');disp(i);
        hh(i)=i;
    end
    %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%% 1st search
    Cico {i,:}= txt(all(i):brik(i)-numel(xo));

    frita=regexp(txt(all(i):brik(i)-numel(xo)),'/');

    Cicob {i,:}= txt(all(i):brik(i)-numel(xo)-frita(3)-1);

    sokol=regexp(Cicob {i,},' ');
    if numel(sokol)>=1
        Cicobx {i,:}= txt(all(i):brik(i)-numel(xo)-frita(3)-sokol(1)-1);
    else
        Cicobx {i,:}=Cicob {i,:};
    end
end

Cico {1,:}=Cico {2,:};
Cicob {1,:}=Cicob {2,:};
Cicobx {1,:}=Cicobx {2,:};

s=0;
s1=0;
for k=1:numel(Cicobx)
    try
        bikopa=webread(Cicobx {k,:});
        s1=s1+1;
        sokobb=regexp(bikopa,keyword);
        appolo(k)=numel(sokobb);

        Cicobx_sort {k,:}=Cicobx {k,:};

        %%%%%%%%%%%%%%%%%%%%%%%%%%% looking 4 names and adresses
        catch
            disp('the url number');disp(k);disp('doesnt work');
        end
    end
end

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        popm(k)=k;
        s=s+1;

    end
end
disp('functional urls');disp(s1);

Cicoupt_1st_ghorbel = sorti_urls(Cicobx_sort);

fidop_1st = fopen('1st_links_list_by_Google.txt', 'w');
fprintf(fidop_1st, '%s\n', Cicoupt_1st_ghorbel{:});
fclose(fidop_1st);

%%%% appolo sans 0
p=1;
disp(appolo);
gg=0;

for i=1:numel(appolo)
    if appolo(i)==0
        gg=gg+1;
    end
end

if gg==numel(appolo)
    test=[0];
    dim=0;
else
    for i=1:numel(appolo)
        if appolo(i)~=0
            test(p)=appolo(i);
            p=p+1;
        end
    end
    dim=numel(test);
end

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%% 2nd search
sole=0;
for i=1:numel(popm)
    if popm(i)>0

        ff=char(Cicobx{i,:});

        pikas=regexp(ff,'\');

        if numel(pikas)>=1
            Cicobxx{i,:}=ff(1:pikas(1)-1);
        end
        try
            bikopal= webread(Cicobxx{i,:});
            sokobbl=regexp(bikopal,keyword);
            appolo1(i)=numel(sokobbl);
            Cicobxx_2nd{i,:}=Cicobxx{i,:};
        catch
        end
        disp('the second sets of url');disp(i);
        sole=sole+1;

        compteur(i)=i;
    end

end

if exist('Cicobxx_2nd')==1
    disp(appolo1);
    gg1=0;

    for i=1:numel(appolo1)
        if appolo1(i)==0
            gg1=gg1+1;
        end
    end

    if gg1==numel(appolo1)
        test1=[0];
        dim1=0;
    else

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Cicoupt_2nd_ghorbel = sorti_urls(Cicobxx_2nd);

fidop_2nd = fopen('2nd_links_list_by_Google.txt', 'w');
fprintf(fidop_2nd, '%s\n', Cicoupt_2nd_ghorbel{:});
fclose(fidop_2nd);

p1=1;

for i=1:numel(appolo1)
    if appolo1(i)~=0
        test1(p1)=appolo1(i);
        p1=p1+1;
    end
end
dim1=numel(test1);
end
else
    test1=[0];
    dim1=0;
end

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%% 3rd search
soletanche=0;
for t=1:numel(compteur)
    ff1=char(Cicobx{t,:});
    louka=regexp(ff1,');

    if numel(louka)>=1
        Cicobxx3{t,:}=ff(1:louka(1)-1);
        try
            bikopa19= webread(Cicobxx3{t,:});
            sokobb19=regexp(bikopa19,keyword);
            appolo19(t)=numel(sokobb19);

            Cicobxx_3rd{t,:}=Cicobxx3{t,:};
        catch
            disp('index dosent work');disp(t);
            soletanche=soletanche+1;

            Cicobx_fail{t,:}=Cicobxx3{t,:};
        end

    end
end

if exist('Cicobxx_3rd')==1
    disp(appolo19);
    gg2=0;

    for i=1:numel(appolo19)
        if appolo19(i)==0
            gg2=gg2+1;
        end
    end
end

if gg2==numel(appolo19)
    test2=[0];
    dim2=0;
else
    Cicoupt_3rd_ghorbel = sorti_urls(Cicobxx_3rd);

    fidop_3rd = fopen('3rd_links_list_by_Google.txt', 'w');
    fprintf(fidop_3rd, '%s\n', Cicoupt_3rd_ghorbel{:});
    fclose(fidop_3rd);

    p2=1;
    for i=1:numel(appolo19)
        if appolo19(i)~=0
            test2(p2)=appolo19(i);
            p2=p2+1;
        end
    end
    dim2=numel(test2);
end
else

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        test2=[0];
        dim2=0;
    end

    %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%% 4th search
    soletanche2=0;
    if exist('Cicobx_fail')==1
    for y=1:numel(Cicobx_fail)
        ff8=char(Cicobx_fail{y,:});
        louka8=regexp(ff8,'&');

        if numel(louka8)>=1
            Cicobx_fail{y,:}=ff8(1:louka8(1)-1);

            try
                bikopa38= webread(Cicobx_fail{y,:});
                sokobb38=regexp(bikopa33,keyword);
                appolo198(y)=numel(sokobb38);

                Cicobxx_4rd{y,:}=Cicobx_fail{y,:};
            catch
                disp('index dosent work');disp(y);
                soletanche2=soletanche2+1;

                Cicobxx_45rd{y,:}=Cicobx_fail{y,:};
            end
        end
    end
end
if exist('Cicobxx_4rd')==1
    disp(appolo198);
    gg3=0;

    for i=1:numel(appolo198)
        if appolo198(i)==0
            gg3=gg3+1;
        end
    end

    if gg3==numel(appolo198)
        test3=[0];
        dim3=0;
    else
        fidop_4th = fopen('4th_links_list_by_Google.txt', 'w');
        fprintf(fidop_4th, '%s\n', Cicobxx_4rd{:});
        fclose(fidop_4th);

        p3=1;
        for i=1:numel(appolo198)
            if appolo198(i)~=0
                test3(p3)=appolo198(i);
                p3=p3+1;
            end
        end
        dim3=numel(test3);
    end
else
    test3=[0];
    dim3=0;
end
else
    test3=[0];
    dim3=0;
end

x=[test,test1,test2,test3];
d=[dim,dim1,dim2,dim3];

r=[d,x];

end

```