% load the routing table

load RT.mat

whos('-file','RT.mat')

gave output:

Name Size Bytes Class Attributes

RT 6x1 1248 cell

costs 6x1 832 cell

neighbors 6x1 832 cell

filename = 'RT.mat';

myVars = {'Name','Size', 'Bytes'};

S = load(filename,myVars{:});

% load the routing table

load RT.mat

%routes = [];

%costs = [];

%neighbors = [];

%filename = 'RT.mat';

%S = whos('-file','RT.mat')

%routes = mapObj('RT');

%costs = mapObj('costs');

%neighbors = mapObj('neighbors');

%disp(routes);

%disp(costs);

%disp(neighbors);

%allKeys = keys(S);

%disp(allKeys);

%filename = 'RT.mat';

%myVars = {'Name','Size', 'Bytes'};

S = whos('-file','RT.mat');

%disp(S{'name'});

%disp(myVars{'Name'});

for k = 1:length(S)

disp(S(k));

end

for k = 1:length(S)

disp(S(k).name);

disp(S(k).size);

end

%mapObj = containers.Map(myVars{:},{myVars{'RT'}, myVars{'costs'}, myVars{'neighbors'}});

%disp(mapObj);

New post of question:

load RT.mat

S = whos('-file','RT.mat');

for k = 1:length(S)

disp(S(k));

end

for k = 1:length(S)

disp(S(k).name);

disp(S(k).size);

end

Output:

name: 'RT'

size: [6 1]

bytes: 1248

class: 'cell'

global: 0

sparse: 0

complex: 0

nesting: [1x1 struct]

persistent: 0

name: 'costs'

size: [6 1]

bytes: 832

class: 'cell'

global: 0

sparse: 0

complex: 0

nesting: [1x1 struct]

persistent: 0

name: 'neighbors'

size: [6 1]

bytes: 832

class: 'cell'

global: 0

sparse: 0

complex: 0

nesting: [1x1 struct]

persistent: 0

RT

6 1

costs

6 1

neighbors

6 1

No MATLAB Syntax error for this hard coded disp:

disp(RT{2}(1,2));