function varargout = Land\_Resource\_Comprehensive\_Utilization\_Analysis\_Software(varargin)

% LAND\_RESOURCE\_COMPREHENSIVE\_UTILIZATION\_ANALYSIS\_SOFTWARE MATLAB code for Land\_Resource\_Comprehensive\_Utilization\_Analysis\_Software.fig

% LAND\_RESOURCE\_COMPREHENSIVE\_UTILIZATION\_ANALYSIS\_SOFTWARE, by itself, creates a new LAND\_RESOURCE\_COMPREHENSIVE\_UTILIZATION\_ANALYSIS\_SOFTWARE or raises the existing

% singleton\*.

%

% H = LAND\_RESOURCE\_COMPREHENSIVE\_UTILIZATION\_ANALYSIS\_SOFTWARE returns the handle to a new LAND\_RESOURCE\_COMPREHENSIVE\_UTILIZATION\_ANALYSIS\_SOFTWARE or the handle to

% the existing singleton\*.

%

% LAND\_RESOURCE\_COMPREHENSIVE\_UTILIZATION\_ANALYSIS\_SOFTWARE('CALLBACK',hObject,eventData,handles,...) calls the local

% function named CALLBACK in LAND\_RESOURCE\_COMPREHENSIVE\_UTILIZATION\_ANALYSIS\_SOFTWARE.M with the given input arguments.

%

% LAND\_RESOURCE\_COMPREHENSIVE\_UTILIZATION\_ANALYSIS\_SOFTWARE('Property','Value',...) creates a new LAND\_RESOURCE\_COMPREHENSIVE\_UTILIZATION\_ANALYSIS\_SOFTWARE or raises the

% existing singleton\*. Starting from the left, property value pairs are

% applied to the GUI before Land\_Resource\_Comprehensive\_Utilization\_Analysis\_Software\_OpeningFcn gets called. An

% unrecognized property name or invalid value makes property application

% stop. All inputs are passed to Land\_Resource\_Comprehensive\_Utilization\_Analysis\_Software\_OpeningFcn via varargin.

%

% \*See GUI Options on GUIDE's Tools menu. Choose "GUI allows only one

% instance to run (singleton)".

%

% See also: GUIDE, GUIDATA, GUIHANDLES

% Edit the above text to modify the response to help Land\_Resource\_Comprehensive\_Utilization\_Analysis\_Software

% Last Modified by GUIDE v2.5 22-Feb-2024 13:44:04

% Begin initialization code - DO NOT EDIT

gui\_Singleton = 1;

gui\_State = struct('gui\_Name', mfilename, ...

'gui\_Singleton', gui\_Singleton, ...

'gui\_OpeningFcn', @Land\_Resource\_Comprehensive\_Utilization\_Analysis\_Software\_OpeningFcn, ...

'gui\_OutputFcn', @Land\_Resource\_Comprehensive\_Utilization\_Analysis\_Software\_OutputFcn, ...

'gui\_LayoutFcn', [] , ...

'gui\_Callback', []);

if nargin && ischar(varargin{1})

gui\_State.gui\_Callback = str2func(varargin{1});

end

if nargout

[varargout{1:nargout}] = gui\_mainfcn(gui\_State, varargin{:});

else

gui\_mainfcn(gui\_State, varargin{:});

end

% End initialization code - DO NOT EDIT

% --- Executes just before Land\_Resource\_Comprehensive\_Utilization\_Analysis\_Software is made visible.

function Land\_Resource\_Comprehensive\_Utilization\_Analysis\_Software\_OpeningFcn(hObject, eventdata, handles, varargin)

% This function has no output args, see OutputFcn.

% hObject handle to figure

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% varargin command line arguments to Land\_Resource\_Comprehensive\_Utilization\_Analysis\_Software (see VARARGIN)

% Choose default command line output for Land\_Resource\_Comprehensive\_Utilization\_Analysis\_Software

handles.output = hObject;

handles = initializeGUIComponents(handles);

% Update handles structure

guidata(hObject, handles);

% --- Outputs from this function are returned to the command line.

function varargout = Land\_Resource\_Comprehensive\_Utilization\_Analysis\_Software\_OutputFcn(hObject, eventdata, handles)

% varargout cell array for returning output args (see VARARGOUT);

% hObject handle to figure

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Get default command line output from handles structure

varargout{1} = handles.output;

function edit8\_Callback(~, eventdata, handles)

% hObject handle to edit8 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit8 as text

% str2double(get(hObject,'String')) returns contents of edit8 as a double

% --- Executes during object creation, after setting all properties.

function edit8\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit8 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'

BackgroundColor','white');

end

function edit9\_Callback(hObject, eventdata, handles)

% hObject handle to edit9 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit9 as text

% str2double(get(hObject,'String')) returns contents of edit9 as a double

% --- Executes during object creation, after setting all properties.

function edit9\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit9 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on selection change in popupmenu3.

function popupmenu3\_Callback(hObject, eventdata, handles)

% hObject handle to popupmenu3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: contents = cellstr(get(hObject,'String')) returns popupmenu3 contents as cell array

% contents{get(hObject,'Value')} returns selected item from popupmenu3

% --- Executes during object creation, after setting all properties.

function popupmenu3\_CreateFcn(hObject, eventdata, handles)

% hObject handle to popupmenu3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: popupmenu controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on button press in checkbox1.

function checkbox1\_Callback(hObject, eventdata, handles)

% hObject handle to checkbox1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of checkbox1

% --- Executes on button press in checkbox2.

function checkbox2\_Callback(hObject, eventdata, handles)

% hObject handle to checkbox2 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of checkbox2

% --- Executes on button press in checkbox3.

function checkbox3\_Callback(hObject, eventdata, handles)

% hObject handle to checkbox3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of checkbox3

function edit10\_Callback(hObject, eventdata, handles)

% hObject handle to edit10 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit10 as text

% str2double(get(hObject,'String')) returns contents of edit10 as a double

% --- Executes during object creation, after setting all properties.

function edit10\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit10 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit11\_Callback(hObject, eventdata, hafunction edit8\_Callback(~, eventdata, handles)

% hObject handle to edit8 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit8 as text

% str2double(get(hObject,'String')) returns contents of edit8 as a double

% --- Executes during object creation, after setting all properties.

function edit8\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit8 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit9\_Callback(hObject, eventdata, handles)

% hObject handle to edit9 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit9 as text

% str2double(get(hObject,'String')) returns contents of edit9 as a double

% --- Executes during object creation, after setting all properties.

function edit9\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit9 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on selection change in popupmenu3.

function popupmenu3\_Callback(hObject, eventdata, handles)

% hObject handle to popupmenu3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: contents = cellstr(get(hObject,'String')) returns popupmenu3 contents as cell array

% contents{get(hObject,'Value')} returns selected item from popupmenu3

% --- Executes during object creation, after setting all properties.

function popupmenu3\_CreateFcn(hObject, eventdata, handles)

% hObject handle to popupmenu3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: popupmenu controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on button press in checkbox1.

function checkbox1\_Callback(hObject, eventdata, handles)

% hObject handle to checkbox1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of checkbox1

% --- Executes on button press in checkbox2.

function checkbox2\_Callback(hObject, eventdata, handles)

% hObject handle to checkbox2 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of checkbox2

% --- Executes on button press in checkbox3.

function checkbox3\_Callback(hObject, eventdata, handles)

% hObject handle to checkbox3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of checkbox3

function edit10\_Callback(hObject, eventdata, handles)

% hObject handle to edit10 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit10 as text

% str2double(get(hObject,'String')) returns contents of edit10 as a double

% --- Executes during object creation, after setting all properties.

function edit10\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit10 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit11\_Callback(hObject, eventdata, handles)

% hObject handle to edit11 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit11 as text

% str2double(get(hObject,'String')) returns contents of edit11 as a double

% --- Executes during object creation, after setting all properties.

function edit11\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit11 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit12\_Callback(hObject, eventdata, handles)

% hObject handle to edit12 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit12 as text

% str2double(get(hObject,'String')) returns contents of edit12 as a double

% --- Executes during object creation, after setting all properties.

function edit12\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit12 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on selection change in popupmenu4.

function popupmenu4\_Callback(hObject, eventdata, handles)

% hObject handle to popupmenu4 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: contents = cellstr(get(hObject,'String')) returns popupmenu4 contents as cell array

% contents{get(hObject,'Value')} returns selected item from popupmenu4

% --- Executes during object creation, after setting all properties.

function popupmenu4\_CreateFcn(hObject, eventdata, handles)

% hObject handle to popupmenu4 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: popupmenu controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on slider movement.

function slider1\_Callback(hObject, eventdata, handles)

% hObject handle to slider1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'Value') returns position of slider

% get(hObject,'Min') and get(hObject,'Max') to determine range of slider

% --- Executes during object creation, after setting all properties.

function slider1\_CreateFcn(hObject, eventdata, handles)

% hObject handle to slider1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: slider controls usually have a light gray background.

if isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor',[.9 .9 .9]);

end

function edit13\_Callback(hObject, eventdata, handles)

% hObject handle to edit13 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit13 as text

% str2double(get(hObject,'String')) returns contents of edit13 as a double

% --- Executes during object creation, after setting all properties.

function edit13\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit13 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit7\_Callback(hObject, eventdata, handles)

% hObject handle to edit7 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit7 as text

% str2double(get(hObject,'String')) returns contents of edit7 as a double

% --- Executes during object creation, after setting all properties.

function edit7\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit7 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit8\_Callback(~, eventdata, handles)

% hObject handle to edit8 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit8 as text

% str2double(get(hObject,'String')) returns contents of edit8 as a double

% --- Executes during object creation, after setting all properties.

function edit8\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit8 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit9\_Callback(hObject, eventdata, handles)

% hObject handle to edit9 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit9 as text

% str2double(get(hObject,'String')) returns contents of edit9 as a double

% --- Executes during object creation, after setting all properties.

function edit9\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit9 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on selection change in popupmenu3.

function popupmenu3\_Callback(hObject, eventdata, handles)

% hObject handle to popupmenu3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: contents = cellstr(get(hObject,'String')) returns popupmenu3 contents as cell array

% contents{get(hObject,'Value')} returns selected item from popupmenu3

% --- Executes during object creation, after setting all properties.

function popupmenu3\_CreateFcn(hObject, eventdata, handles)

% hObject handle to popupmenu3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: popupmenu controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on button press in pushbutton3.

function text55\_ButtonDownFcn(hObject, eventdata, handles)

% hObject handle to pushbutton3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

h = msgbox('网络连接状态正常', '网络连通性测试','help');

jMsgBox = h.JavaFrame.getFigurePanelContainer.getComponent(0).getTopLevelAncestor;

jMsgBox.setAlwaysOnTop(true);

figure(handles.figure1);

drawnow; pause(1);

capture\_and\_draw\_msgbox(h, true, 'text65', 'uipanel11', true, 'tu11.png');

% --- Executes on button press in pushbutton4.

function text57\_ButtonDownFcn(hObject, eventdata, handles)

% hObject handle to pushbutton4 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

set(gcf,'visible','off');

% --- Executes on button press in checkbox1.

function checkbox1\_Callback(hObject, eventdata, handles)

% hObject handle to checkbox1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of checkbox1

% --- Executes on button press in checkbox2.

function checkbox2\_Callback(hObject, eventdata, handles)

% hObject handle to checkbox2 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of checkbox2

% --- Executes on button press in checkbox3.

function checkbox3\_Callback(hObject, eventdata, handles)

% hObject handle to checkbox3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of checkbox3

function edit10\_Callback(hObject, eventdata, handles)

% hObject handle to edit10 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit10 as text

% str2double(get(hObject,'String')) returns contents of edit10 as a double

% --- Executes during object creation, after setting all properties.

function edit10\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit10 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit11\_Callback(hObject, eventdata, handles)

% hObject handle to edit11 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit11 as text

% str2double(get(hObject,'String')) returns contents of edit11 as a double

% --- Executes during object creation, after setting all properties.

function edit11\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit11 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit12\_Callback(hObject, eventdata, handles)

% hObject handle to edit12 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit12 as text

% str2double(get(hObject,'String')) returns contents of edit12 as a double

% --- Executes during object creation, after setting all properties.

function edit12\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit12 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes just before zsjxygljsrj is made visible.

function zsjxygljsrj\_OpeningFcn(hObject, eventdata, handles, varargin)

% This function has no output args, see OutputFcn.

% hObject handle to figure

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% varargin command line arguments to zsjxygljsrj (see VARARGIN)

% Choose default command line output for zsjxygljsrj

handles.output = hObject;

% Update handles structure

guidata(hObject, handles);

% UIWAIT makes zsjxygljsrj wait for user response (see UIRESUME)

% uiwait(handles.figure1);

% --- Outputs from this function are returned to the command line.

function varargout = zsjxygljsrj\_OutputFcn(hObject, eventdata, handles)

% varargout cell array for returning output args (see VARARGOUT);

% hObject handle to figure

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Get default command line output from handles structure

varargout{1} = handles.output;

% --- Executes on selection change in popupmenu1.

function popupmenu1\_Callback(hObject, eventdata, handles)

% hObject handle to popupmenu1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: contents = cellstr(get(hObject,'String')) returns popupmenu1 contents as cell array

% contents{get(hObject,'Value')} returns selected item from popupmenu1

% --- Executes during object creation, after setting all properties.

function popupmenu1\_CreateFcn(hObject, eventdata, handles)

% hObject handle to popupmenu1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: popupmenu controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit1\_Callback(hObject, eventdata, handles)

% hObject handle to edit11 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit11 as text

% str2double(get(hObject,'String')) returns contents of edit11 as a double

% --- Executes during object creation, after setting all properties.

function edit1\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit11 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit2\_Callback(hObject, eventdata, handles)

% hObject handle to edit12 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit12 as text

% str2double(get(hObject,'String')) returns contents of edit12 as a double

% --- Executes during object creation, after setting all properties.

function edit2\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit12 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit3\_Callback(hObject, eventdata, handles)

% hObject handle to edit13 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit13 as text

% str2double(get(hObject,'String')) returns contents of edit13 as a double

% --- Executes during object creation, after setting all properties.

function edit3\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit13 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit4\_Callback(hObject, eventdata, handles)

% hObject handle to edit14 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit14 as text

% str2double(get(hObject,'String')) returns contents of edit14 as a double

% --- Executes during object creation, after setting all properties.

function edit4\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit14 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit5\_Callback(hObject, eventdata, handles)

% hObject handle to edit15 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit15 as text

% str2double(get(hObject,'String')) returns contents of edit15 as a double

% --- Executes during object creation, after setting all properties.

function edit5\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit15 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit6\_Callback(hObject, eventdata, handles)

% hObject handle to edit6 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit6 as text

% str2double(get(hObject,'String')) returns contents of edit6 as a double

% --- Executes during object creation, after setting all properties.

function edit6\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit6 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit7\_Callback(hObject, eventdata, handles)

% hObject handle to edit7 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit7 as text

% str2double(get(hObject,'String')) returns contents of edit7 as a double

% --- Executes during object creation, after setting all properties.

function edit7\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit7 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit8\_Callback(hObject, eventdata, handles)

% hObject handle to edit8 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit8 as text

% str2double(get(hObject,'String')) returns contents of edit8 as a double

% --- Executes during object creation, after setting all properties.

function edit8\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit8 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit9\_Callback(hObject, eventdata, handles)

% hObject handle to edit9 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit9 as text

% str2double(get(hObject,'String')) returns contents of edit9 as a double

% --- Executes during object creation, after setting all properties.

function edit9\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit9 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on button press in pushbutton1.

function edit14\_Callback(hObject, eventdata, handles)

% hObject handle to edit14 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit14 as text

% str2double(get(hObject,'String')) returns contents of edit14 as a double

% --- Executes during object creation, after setting all properties.

function edit14\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit14 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit16\_Callback(hObject, eventdata, handles)

% hObject handle to edit16 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit16 as text

% str2double(get(hObject,'String')) returns contents of edit16 as a double

% --- Executes during object creation, after setting all properties.

function edit16\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit16 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit17\_Callback(hObject, eventdata, handles)

% hObject handle to edit17 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit17 as text

% str2double(get(hObject,'String')) returns contents of edit17 as a double

% --- Executes during object creation, after setting all properties.

function edit17\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit17 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit1\_Callback(hObject, eventdata, handles)

% hObject handle to edit1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit1 as text

% str2double(get(hObject,'String')) returns contents of edit1 as a double

% --- Executes during object creation, after setting all properties.

function edit1\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit31\_Callback(hObject, eventdata, handles)

% hObject handle to edit6 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit6 as text

% str2double(get(hObject,'String')) returns contents of edit6 as a double

% --- Executes during object creation, after setting all properties.

function edit31\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit6 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit32\_Callback(hObject, eventdata, handles)

% hObject handle to edit7 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit7 as text

% str2double(get(hObject,'String')) returns contents of edit7 as a double

% --- Executes during object creation, after setting all properties.

function edit32\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit7 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit33\_Callback(hObject, eventdata, handles)

% hObject handle to edit8 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit8 as text

% str2double(get(hObject,'String')) returns contents of edit8 as a double

% --- Executes during object creation, after setting all properties.

function edit33\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit8 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit34\_Callback(hObject, eventdata, handles)

% hObject handle to edit9 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit9 as text

% str2double(get(hObject,'String')) returns contents of edit9 as a double

% --- Executes during object creation, after setting all properties.

function edit34\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit9 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit35\_Callback(hObject, eventdata, handles)

% hObject handle to edit12 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit12 as text

% str2double(get(hObject,'String')) returns contents of edit12 as a double

% --- Executes during object creation, after setting all properties.

function edit35\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit12 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit20\_Callback(hObject, eventdata, handles)

% hObject handle to edit13 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit13 as text

% str2double(get(hObject,'String')) returns contents of edit13 as a double

% --- Executes during object creation, after setting all properties.

function edit20\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit13 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit36\_Callback(hObject, eventdata, handles)

% hObject handle to edit14 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit14 as text

% str2double(get(hObject,'String')) returns contents of edit14 as a double

% --- Executes during object creation, after setting all properties.

function edit36\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit14 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit37\_Callback(hObject, eventdata, handles)

% hObject handle to edit15 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit15 as text

% str2double(get(hObject,'String')) returns contents of edit15 as a double

% --- Executes during object creation, after setting all properties.

function edit37\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit15 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit38\_Callback(hObject, eventdata, handles)

% hObject handle to edit16 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit16 as text

% str2double(get(hObject,'String')) returns contents of edit16 as a double

% --- Executes during object creation, after setting all properties.

function edit38\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit16 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit21\_Callback(hObject, eventdata, handles)

% hObject handle to edit11 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit11 as text

% str2double(get(hObject,'String')) returns contents of edit11 as a double

% --- Executes during object creation, after setting all properties.

function edit21\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit11 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit22\_Callback(hObject, eventdata, handles)

% hObject handle to edit12 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit12 as text

% str2double(get(hObject,'String')) returns contents of edit12 as a double

% --- Executes during object creation, after setting all properties.

function edit22\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit12 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit23\_Callback(hObject, eventdata, handles)

% hObject handle to edit13 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit13 as text

% str2double(get(hObject,'String')) returns contents of edit13 as a double

% --- Executes during object creation, after setting all properties.

function edit23\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit13 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit24\_Callback(hObject, eventdata, handles)

% hObject handle to edit14 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit14 as text

% str2double(get(hObject,'String')) returns contents of edit14 as a double

% --- Executes during object creation, after setting all properties.

function edit24\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit14 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit25\_Callback(hObject, eventdata, handles)

% hObject handle to edit15 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit15 as text

% str2double(get(hObject,'String')) returns contents of edit15 as a double

% --- Executes during object creation, after setting all properties.

function edit25\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit15 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on button press in pushbutton8.

function pushbutton8\_Callback(hObject, eventdata, handles)

% hObject handle to pushbutton8 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% --- Executes on button press in pushbutton9.

function pushbutton9\_Callback(hObject, eventdata, handles)

% hObject handle to pushbutton9 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% --- Executes on button press in pushbutton1.

function pushbutton10\_Callback(hObject, eventdata, handles)

% hObject handle to pushbutton1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% --- Executes on button press in pushbutton2.

function pushbutton11\_Callback(hObject, eventdata, handles)

% hObject handle to pushbutton2 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% --- Executes on button press in pushbutton3.

function edit49\_Callback(hObject, eventdata, handles)

% hObject handle to edit49 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit49 as text

% str2double(get(hObject,'String')) returns contents of edit49 as a double

% --- Executes during object creation, after setting all properties.

function edit49\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit49 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit50\_Callback(hObject, eventdata, handles)

% hObject handle to edit50 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit50 as text

% str2double(get(hObject,'String')) returns contents of edit50 as a double

% --- Executes during object creation, after setting all properties.

function edit50\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit50 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit51\_Callback(hObject, eventdata, handles)

% hObject handle to edit51 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit51 as text

% str2double(get(hObject,'String')) returns contents of edit51 as a double

% --- Executes during object creation, after setting all properties.

function edit51\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit51 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit52\_Callback(hObject, eventdata, handles)

% hObject handle to edit52 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit52 as text

% str2double(get(hObject,'String')) returns contents of edit52 as a double

% --- Executes during object creation, after setting all properties.

function edit52\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit52 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit53\_Callback(hObject, eventdata, handles)

% hObject handle to edit53 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit53 as text

% str2double(get(hObject,'String')) returns contents of edit53 as a double

% --- Executes during object creation, after setting all properties.

function edit53\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit53 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit41\_Callback(hObject, eventdata, handles)

% hObject handle to edit41 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit41 as text

% str2double(get(hObject,'String')) returns contents of edit41 as a double

% --- Executes during object creation, after setting all properties.

function edit41\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit41 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit42\_Callback(hObject, eventdata, handles)

% hObject handle to edit42 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit42 as text

% str2double(get(hObject,'String')) returns contents of edit42 as a double

% --- Executes during object creation, after setting all properties.

function edit42\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit42 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit43\_Callback(hObject, eventdata, handles)

% hObject handle to edit43 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit43 as text

% str2double(get(hObject,'String')) returns contents of edit43 as a double

% --- Executes during object creation, after setting all properties.

function edit43\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit43 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on button press in checkbox1.

function checkbox1\_Callback(hObject, eventdata, handles)

% hObject handle to checkbox1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of checkbox1

% --- Executes on button press in radiobutton1.

function radiobutton1\_Callback(hObject, eventdata, handles)

% hObject handle to radiobutton1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of radiobutton1

function edit44\_Callback(hObject, eventdata, handles)

% hObject handle to edit44 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit44 as text

% str2double(get(hObject,'String')) returns contents of edit44 as a double

% --- Executes during object creation, after setting all properties.

function edit44\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit44 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit45\_Callback(hObject, eventdata, handles)

% hObject handle to edit45 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit45 as text

% str2double(get(hObject,'String')) returns contents of edit45 as a double

% --- Executes during object creation, after setting all properties.

function edit45\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit45 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit61\_Callback(hObject, eventdata, handles)

% hObject handle to edit61 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit61 as text

% str2double(get(hObject,'String')) returns contents of edit61 as a double

% --- Executes during object creation, after setting all properties.

function edit61\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit61 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit62\_Callback(hObject, eventdata, handles)

% hObject handle to edit62 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit62 as text

% str2double(get(hObject,'String')) returns contents of edit62 as a double

% --- Executes during object creation, after setting all properties.

function edit62\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit62 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit63\_Callback(hObject, eventdata, handles)

% hObject handle to edit63 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit63 as text

% str2double(get(hObject,'String')) returns contents of edit63 as a double

% --- Executes during object creation, after setting all properties.

function edit63\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit63 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit87\_Callback(hObject, eventdata, handles)

% hObject handle to edit21 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit21 as text

% str2double(get(hObject,'String')) returns contents of edit21 as a double

% --- Executes during object creation, after setting all properties.

function edit87\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit21 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit88\_Callback(hObject, eventdata, handles)

% hObject handle to edit22 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit22 as text

% str2double(get(hObject,'String')) returns contents of edit22 as a double

% --- Executes during object creation, after setting all properties.

function edit88\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit22 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit79\_Callback(hObject, eventdata, handles)

% hObject handle to edit51 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit51 as text

% str2double(get(hObject,'String')) returns contents of edit51 as a double

% --- Executes during object creation, after setting all properties.

function edit79\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit51 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit80\_Callback(hObject, eventdata, handles)

% hObject handle to edit52 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit52 as text

% str2double(get(hObject,'String')) returns contents of edit52 as a double

% --- Executes during object creation, after setting all properties.

function edit80\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit52 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit81\_Callback(hObject, eventdata, handles)

% hObject handle to edit53 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit53 as text

% str2double(get(hObject,'String')) returns contents of edit53 as a double

% --- Executes during object creation, after setting all properties.

function edit81\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit53 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit54\_Callback(hObject, eventdata, handles)

% hObject handle to edit54 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit54 as text

% str2double(get(hObject,'String')) returns contents of edit54 as a double

% --- Executes during object creation, after setting all properties.

function edit54\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit54 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit55\_Callback(hObject, eventdata, handles)

% hObject handle to edit55 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit55 as text

% str2double(get(hObject,'String')) returns contents of edit55 as a double

% --- Executes during object creation, after setting all properties.

function edit55\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit55 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit74\_Callback(hObject, eventdata, handles)

% hObject handle to edit31 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit31 as text

% str2double(get(hObject,'String')) returns contents of edit31 as a double

% --- Executes during object creation, after setting all properties.

function edit74\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit31 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit75\_Callback(hObject, eventdata, handles)

% hObject handle to edit32 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit32 as text

% str2double(get(hObject,'String')) returns contents of edit32 as a double

% --- Executes during object creation, after setting all properties.

function edit75\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit32 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit76\_Callback(hObject, eventdata, handles)

% hObject handle to edit33 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit33 as text

% str2double(get(hObject,'String')) returns contents of edit33 as a double

% --- Executes during object creation, after setting all properties.

function edit76\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit33 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit77\_Callback(hObject, eventdata, handles)

% hObject handle to edit34 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit34 as text

% str2double(get(hObject,'String')) returns contents of edit34 as a double

% --- Executes during object creation, after setting all properties.

function edit77\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit34 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit78\_Callback(hObject, eventdata, handles)

% hObject handle to edit35 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit35 as text

% str2double(get(hObject,'String')) returns contents of edit35 as a double

% --- Executes during object creation, after setting all properties.

function edit78\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit35 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit64\_Callback(hObject, eventdata, handles)

% hObject handle to edit21 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit21 as text

% str2double(get(hObject,'String')) returns contents of edit21 as a double

% --- Executes during object creation, after setting all properties.

function edit64\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit21 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit65\_Callback(hObject, eventdata, handles)

% hObject handle to edit22 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit22 as text

% str2double(get(hObject,'String')) returns contents of edit22 as a double

% --- Executes during object creation, after setting all properties.

function edit65\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit22 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit66\_Callback(hObject, eventdata, handles)

% hObject handle to edit23 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit23 as text

% str2double(get(hObject,'String')) returns contents of edit23 as a double

% --- Executes during object creation, after setting all properties.

function edit66\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit23 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit67\_Callback(hObject, eventdata, handles)

% hObject handle to edit24 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit24 as text

% str2double(get(hObject,'String')) returns contents of edit24 as a double

% --- Executes during object creation, after setting all properties.

function edit67\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit24 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit68\_Callback(hObject, eventdata, handles)

% hObject handle to edit25 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit25 as text

% str2double(get(hObject,'String')) returns contents of edit25 as a double

% --- Executes during object creation, after setting all properties.

function edit68\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit25 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function initx\_Callback(hObject, eventdata, handles)

% hObject handle to initx (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of initx as text

% str2double(get(hObject,'String')) returns contents of initx as a double

% --- Executes during object creation, after setting all properties.

function initx\_CreateFcn(hObject, eventdata, handles)

% hObject handle to initx (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function inity\_Callback(hObject, eventdata, handles)

% hObject handle to inity (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of inity as text

% str2double(get(hObject,'String')) returns contents of inity as a double

% --- Executes during object creation, after setting all properties.

function inity\_CreateFcn(hObject, eventdata, handles)

% hObject handle to inity (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function targx\_Callback(hObject, eventdata, handles)

% hObject handle to targx (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of targx as text

% str2double(get(hObject,'String')) returns contents of targx as a double

% --- Executes during object creation, after setting all properties.

function targx\_CreateFcn(hObject, eventdata, handles)

% hObject handle to targx (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on slider movement.

function slider1\_Callback(hObject, eventdata, handles)

% hObject handle to slider1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'Value') returns position of slider

% get(hObject,'Min') and get(hObject,'Max') to determine range of slider

% --- Executes during object creation, after setting all properties.

function slider1\_CreateFcn(hObject, eventdata, handles)

% hObject handle to slider1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: slider controls usually have a light gray background.

if isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor',[.9 .9 .9]);

end

function targy\_Callback(hObject, eventdata, handles)

% hObject handle to targy (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of targy as text

% str2double(get(hObject,'String')) returns contents of targy as a double

% --- Executes during object creation, after setting all properties.

function targy\_CreateFcn(hObject, eventdata, handles)

% hObject handle to targy (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function targz\_Callback(hObject, eventdata, handles)

% hObject handle to targz (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of targz as text

% str2double(get(hObject,'String')) returns contents of targz as a double

% --- Executes during object creation, after setting all properties.

function targz\_CreateFcn(hObject, eventdata, handles)

% hObject handle to targz (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function initz\_Callback(hObject, eventdata, handles)

% hObject handle to initz (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of initz as text

% str2double(get(hObject,'String')) returns contents of initz as a double

% --- Executes during object creation, after setting all properties.

function initz\_CreateFcn(hObject, eventdata, handles)

% hObject handle to initz (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function num\_Callback(hObject, eventdata, handles)

% hObject handle to num (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of num as text

% str2double(get(hObject,'String')) returns contents of num as a double

% --- Executes during object creation, after setting all properties.

function num\_CreateFcn(hObject, eventdata, handles)

% hObject handle to num (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function xx\_Callback(hObject, eventdata, handles)

% hObject handle to xx (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of xx as text

% str2double(get(hObject,'String')) returns contents of xx as a double

% --- Executes during object creation, after setting all properties.

function xx\_CreateFcn(hObject, eventdata, handles)

% hObject handle to xx (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function yy\_Callback(hObject, eventdata, handles)

% hObject handle to yy (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of yy as text

% str2double(get(hObject,'String')) returns contents of yy as a double

% --- Executes during object creation, after setting all properties.

function yy\_CreateFcn(hObject, eventdata, handles)

% hObject handle to yy (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function zz\_Callback(hObject, eventdata, handles)

% hObject handle to zz (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of zz as text

% str2double(get(hObject,'String')) returns contents of zz as a double

% --- Executes during object creation, after setting all properties.

function zz\_CreateFcn(hObject, eventdata, handles)

% hObject handle to zz (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function rx\_Callback(hObject, eventdata, handles)

% hObject handle to rx (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of rx as text

% str2double(get(hObject,'String')) returns contents of rx as a double

% --- Executes during object creation, after setting all properties.

function rx\_CreateFcn(hObject, eventdata, handles)

% hObject handle to rx (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function ry\_Callback(hObject, eventdata, handles)

% hObject handle to ry (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of ry as text

% str2double(get(hObject,'String')) returns contents of ry as a double

% --- Executes during object creation, after setting all properties.

function ry\_CreateFcn(hObject, eventdata, handles)

% hObject handle to ry (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function rz\_Callback(hObject, eventdata, handles)

% hObject handle to rz (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of rz as text

% str2double(get(hObject,'String')) returns contents of rz as a double

% --- Executes during object creation, after setting all properties.

function rz\_CreateFcn(hObject, eventdata, handles)

% hObject handle to rz (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function editshow\_Callback(hObject, eventdata, handles)

% hObject handle to editshow (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of editshow as text

% str2double(get(hObject,'String')) returns contents of editshow as a double

% --- Executes during object creation, after setting all properties.

function editshow\_CreateFcn(hObject, eventdata, handles)

% hObject handle to editshow (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function editn1\_Callback(hObject, eventdata, handles)

% hObject handle to editn1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of editn1 as text

% str2double(get(hObject,'String')) returns contents of editn1 as a double

% --- Executes during object creation, after setting all properties.

function editn1\_CreateFcn(hObject, eventdata, handles)

% hObject handle to editn1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function editn2\_Callback(hObject, eventdata, handles)

% hObject handle to editn2 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of editn2 as text

% str2double(get(hObject,'String')) returns contents of editn2 as a double

% --- Executes during object creation, after setting all properties.

function editn2\_CreateFcn(hObject, eventdata, handles)

% hObject handle to editn2 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function editn3\_Callback(hObject, eventdata, handles)

% hObject handle to editn3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of editn3 as text

% str2double(get(hObject,'String')) returns contents of editn3 as a double

% --- Executes during object creation, after setting all properties.

function editn3\_CreateFcn(hObject, eventdata, handles)

% hObject handle to editn3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function editn4\_Callback(hObject, eventdata, handles)

% hObject handle to editn4 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of editn4 as text

% str2double(get(hObject,'String')) returns contents of editn4 as a double

% --- Executes during object creation, after setting all properties.

function editn4\_CreateFcn(hObject, eventdata, handles)

% hObject handle to editn4 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function editn5\_Callback(hObject, eventdata, handles)

% hObject handle to editn5 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of editn5 as text

% str2double(get(hObject,'String')) returns contents of editn5 as a double

% --- Executes during object creation, after setting all properties.

function editn5\_CreateFcn(hObject, eventdata, handles)

% hObject handle to editn5 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function editn6\_Callback(hObject, eventdata, handles)

% hObject handle to editn6 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of editn6 as text

% str2double(get(hObject,'String')) returns contents of editn6 as a double

% --- Executes during object creation, after setting all properties.

function editn6\_CreateFcn(hObject, eventdata, handles)

% hObject handle to editn6 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on button press in pushbutton2.

function edit20\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit20 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit21\_Callback(hObject, eventdata, handles)

% hObject handle to edit21 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit21 as text

% str2double(get(hObject,'String')) returns contents of edit21 as a double

% --- Executes during object creation, after setting all properties.

function edit21\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit21 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit22\_Callback(hObject, eventdata, handles)

% hObject handle to edit7 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit7 as text

% str2double(get(hObject,'String')) returns contents of edit7 as a double

% --- Executes during object creation, after setting all properties.

function edit22\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit7 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit24\_Callback(hObject, eventdata, handles)

% hObject handle to edit24 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit24 as text

% str2double(get(hObject,'String')) returns contents of edit24 as a double

% --- Executes during object creation, after setting all properties.

function edit24\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit24 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit25\_Callback(hObject, eventdata, handles)

% hObject handle to edit25 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit25 as text

% str2double(get(hObject,'String')) returns contents of edit25 as a double

% --- Executes during object creation, after setting all properties.

function edit25\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit25 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit26\_Callback(hObject, eventdata, handles)

% hObject handle to edit12 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit12 as text

% str2double(get(hObject,'String')) returns contents of edit12 as a double

% --- Executes during object creation, after setting all properties.

function edit26\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit12 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit27\_Callback(hObject, eventdata, handles)

% hObject handle to edit9 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit9 as text

% str2double(get(hObject,'String')) returns contents of edit9 as a double

% --- Executes during object creation, after setting all properties.

function edit27\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit9 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit28\_Callback(hObject, eventdata, handles)

% hObject handle to edit11 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit11 as text

% str2double(get(hObject,'String')) returns contents of edit11 as a double

% --- Executes during object creation, after setting all properties.

function edit28\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit11 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit1\_Callback(hObject, eventdata, handles)

% hObject handle to edit1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit1 as text

% str2double(get(hObject,'String')) returns contents of edit1 as a double

% --- Executes during object creation, after setting all properties.

function edit1\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on selection change in popupmenu1.

function popupmenu1\_Callback(hObject, eventdata, handles)

% hObject handle to popupmenu1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: contents = cellstr(get(hObject,'String')) returns popupmenu1 contents as cell array

% contents{get(hObject,'Value')} returns selected item from popupmenu1

% --- Executes during object creation, after setting all properties.

function popupmenu1\_CreateFcn(hObject, eventdata, handles)

% hObject handle to popupmenu1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: popupmenu controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit5\_Callback(hObject, eventdata, handles)

% hObject handle to edit5 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit5 as text

% str2double(get(hObject,'String')) returns contents of edit5 as a double

% --- Executes during object creation, after setting all properties.

function edit5\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit5 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit4\_Callback(hObject, eventdata, handles)

% hObject handle to edit4 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit4 as text

% str2double(get(hObject,'String')) returns contents of edit4 as a double

% --- Executes during object creation, after setting all properties.

function edit4\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit4 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit32\_Callback(hObject, eventdata, handles)

% hObject handle to edit10 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit10 as text

% str2double(get(hObject,'String')) returns contents of edit10 as a double

% --- Executes during object creation, after setting all properties.

function edit32\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit10 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit33\_Callback(hObject, eventdata, handles)

% hObject handle to edit8 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit8 as text

% str2double(get(hObject,'String')) returns contents of edit8 as a double

% --- Executes during object creation, after setting all properties.

function edit33\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit8 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit6\_Callback(hObject, eventdata, handles)

% hObject handle to edit6 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit6 as text

% str2double(get(hObject,'String')) returns contents of edit6 as a double

% --- Executes during object creation, after setting all properties.

function edit6\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit6 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit2\_Callback(hObject, eventdata, handles)

% hObject handle to edit2 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit2 as text

% str2double(get(hObject,'String')) returns contents of edit2 as a double

% --- Executes during object creation, after setting all properties.

function edit2\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit2 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit36\_Callback(hObject, eventdata, handles)

% hObject handle to edit36 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit36 as text

% str2double(get(hObject,'String')) returns contents of edit36 as a double

% --- Executes during object creation, after setting all properties.

function edit36\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit36 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on mouse press over axes background.

function axes1\_ButtonDownFcn(hObject, eventdata, handles)

% hObject handle to axes1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

axes(handles.axes1)

function edit38\_Callback(hObject, eventdata, handles)

% hObject handle to edit38 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit38 as text

% str2double(get(hObject,'String')) returns contents of edit38 as a double

% --- Executes during object creation, after setting all properties.

function edit38\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit38 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on button press in pushbutton14.

function pushbutton17\_Callback(hObject, eventdata, handles)

% hObject handle to pushbutton17 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% --- Executes on button press in pushbutton18.

% --- Executes on mouse press over axes background.

function axes2\_ButtonDownFcn(hObject, eventdata, handles)

axes(handles.axes2)

% hObject handle to axes2 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

function edit40\_Callback(hObject, eventdata, handles)

% hObject handle to edit4 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit4 as text

% str2double(get(hObject,'String')) returns contents of edit4 as a double

% --- Executes during object creation, after setting all properties.

function edit40\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit4 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit41\_Callback(hObject, eventdata, handles)

% hObject handle to edit6 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit6 as text

% str2double(get(hObject,'String')) returns contents of edit6 as a double

% --- Executes during object creation, after setting all properties.

function edit41\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit6 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit2\_Callback(hObject, eventdata, handles)

% hObject handle to edit2 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit2 as text

% str2double(get(hObject,'String')) returns contents of edit2 as a double

% --- Executes during object creation, after setting all properties.

function edit2\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit2 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit3\_Callback(hObject, eventdata, handles)

% hObject handle to edit3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit3 as text

% str2double(get(hObject,'String')) returns contents of edit3 as a double

% --- Executes during object creation, after setting all properties.

function edit3\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit4\_Callback(hObject, eventdata, handles)

% hObject handle to edit4 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit4 as text

% str2double(get(hObject,'String')) returns contents of edit4 as a double

% --- Executes during object creation, after setting all properties.

function edit4\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit4 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit5\_Callback(hObject, eventdata, handles)

% hObject handle to edit5 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit5 as text

% str2double(get(hObject,'String')) returns contents of edit5 as a double

% --- Executes during object creation, after setting all properties.

function edit5\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit5 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit6\_Callback(hObject, eventdata, handles)

% hObject handle to edit6 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit6 as text

% str2double(get(hObject,'String')) returns contents of edit6 as a double

% --- Executes during object creation, after setting all properties.

function edit6\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit6 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

function edit7\_Callback(hObject, eventdata, handles)

% hObject handle to edit7 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: get(hObject,'String') returns contents of edit7 as text

% str2double(get(hObject,'String')) returns contents of edit7 as a double

% --- Executes during object creation, after setting all properties.

function edit7\_CreateFcn(hObject, eventdata, handles)

% hObject handle to edit7 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: edit controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on button press in radiobutton2.

function radiobutton2\_Callback(hObject, eventdata, handles)

% hObject handle to radiobutton2 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of radiobutton2

% --- Executes on button press in radiobutton3.

function radiobutton3\_Callback(hObject, eventdata, handles)

% hObject handle to radiobutton3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of radiobutton3

function handles = initializeGUIComponents(handles)

global ELEMENT\_TOP;

ELEMENT\_TOP = 300;

setImageToAxesWithAlpha(handles, 'gyrj.png', 'btn\_text\_1', [1, 1, 1]);

setImageToAxesWithAlpha(handles, 'wljc.png', 'btn\_text\_2', [1, 1, 1]);

setImageToAxesWithAlpha(handles, 'qcsj.png', 'btn\_text\_3', [1, 1, 1]);

setImageToAxesWithAlpha(handles, 'tc.png', 'btn\_text\_4', [1, 1, 1]);

setImageToAxesWithAlpha(handles, 'dr.png', 'btn\_text\_5', [1, 1, 1]);

setImageToAxesWithAlpha(handles, 'hz.png', 'btn\_text\_6', [1, 1, 1]);

setImageToAxesWithAlpha(handles, 'tx.png', 'btn\_text\_7', [1, 1, 1]);

set(handles.axes1, 'Visible', 'off');

set(handles.axes2, 'Visible', 'off');

set(handles.axes3, 'Visible', 'off');

set(handles.text26, 'String', ' 土地资源综合利用分析软件');

handles.uipanel2.Title = '土地类型管理';

handles.uipanel3.Title = '土地使用情况调查';

handles.uipanel4.Title = '土地变化监测';

handles.uipanel5.Title = '土地资源规划建议';

handles.uipanel6.Title = '土地资源综合利用评估';

set(handles.pushbutton8, 'String', '确认选择');

set(handles.pushbutton9, 'String', '保存信息');

set(handles.pushbutton10, 'String', '保存信息');

set(handles.pushbutton11, 'String', '保存信息');

set(handles.pushbutton12, 'String', '综合评估');

set(handles.text\_btn\_text\_1, 'String', '导入土地利用规划流程图');

set(handles.text\_btn\_text\_2, 'String', '绘制土地资源利用效率分析三维图');

set(handles.text\_btn\_text\_3, 'String', '绘制土地资源综合利用分析柱状图');

unit\_content = {'', '', '', '', '分'};

text\_contents1 = {'农业用地', '工业用地', '商业用地', '居住用地', '休闲娱乐用地', '保护区', '未开发土地'};

text\_contents2 = {'土地利用率', '土地覆盖类型', '土地所有权', '土地开发程度', '土地变更情况', '环境影响评估', '用地效率'};

text\_contents3 = {'土地覆盖变化', '土地利用动态', '时间序列分析', '遥感数据应用', '土地退化监测', '变化趋势预测', '影响评价'};

text\_contents4 = {'农业发展', '工业转型', '城市扩张', '生态保护', '旅游开发', '土地复垦', '基础设施建设'};

text\_contents5 = {'综合利用效率', '开发利用平衡', '生态保护效果', '社会经济贡献', '可持续发展指标', '资源配置合理性', '政策适应性'};

features1 = [

struct('type', 'checkbox', 'fontSize', 12, 'width', 80, 'defaultValue', '选择', 'items', {{}}, 'range', [], 'unit', '', 'unitFontSize', 14),...

struct('type', 'checkbox', 'fontSize', 12, 'width', 80, 'defaultValue', '选择', 'items', {{}}, 'range', [], 'unit', '', 'unitFontSize', 14),...

struct('type', 'checkbox', 'fontSize', 12, 'width', 80, 'defaultValue', '选择', 'items', {{}}, 'range', [], 'unit', '', 'unitFontSize', 14),...

struct('type', 'checkbox', 'fontSize', 12, 'width', 80, 'defaultValue', '选择', 'items', {{}}, 'range', [], 'unit', '', 'unitFontSize', 14),...

struct('type', 'checkbox', 'fontSize', 12, 'width', 80, 'defaultValue', '选择', 'items', {{}}, 'range', [], 'unit', '', 'unitFontSize', 14),...

struct('type', 'checkbox', 'fontSize', 12, 'width', 80, 'defaultValue', '选择', 'items', {{}}, 'range', [], 'unit', '', 'unitFontSize', 14),...

struct('type', 'checkbox', 'fontSize', 12, 'width', 80, 'defaultValue', '选择', 'items', {{}}, 'range', [], 'unit', '', 'unitFontSize', 14),...

];

features2 = [

struct('type', 'popupmenu', 'items', {formatItems('低|中|高')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('森林|农田|建筑|裸地')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('私有|国有|集体|外资')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('未开发|在建|已开发|废弃')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('无变更|轻微变更|重大变更')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('无影响|轻微影响|中等影响|重大影响')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('低|中|高')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

];

features3 = [

struct('type', 'popupmenu', 'items', {formatItems('森林|草地|城市化')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('增加|减少|稳定')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('过去|现在|未来')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('卫星|航拍|无人机')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('水土流失|沙化|盐渍化')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('算法|模型|专家系统')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('社会|经济|环境')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

];

features4 = [

struct('type', 'popupmenu', 'items', {formatItems('持续农业|生态农业')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('高科技产业|绿色工业')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('控制扩张|合理规划')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('森林保护|水源保护')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('文化旅游|生态旅游')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('污染治理|土地恢复')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

struct('type', 'popupmenu', 'items', {formatItems('交通网络|公共服务')}, 'width', 100, 'fontSize', 10, 'range', [], 'defaultValue', '', 'unit', '', 'unitFontSize', 14),...

];

features5 = [

struct('type', 'edit', 'fontSize', 12, 'width', 60, 'unit', '分', 'unitFontSize', 14, 'defaultValue', '', 'items', {{}}, 'range', []),...

struct('type', 'edit', 'fontSize', 12, 'width', 60, 'unit', '分', 'unitFontSize', 14, 'defaultValue', '', 'items', {{}}, 'range', []),...

struct('type', 'edit', 'fontSize', 12, 'width', 60, 'unit', '分', 'unitFontSize', 14, 'defaultValue', '', 'items', {{}}, 'range', []),...

struct('type', 'edit', 'fontSize', 12, 'width', 60, 'unit', '分', 'unitFontSize', 14, 'defaultValue', '', 'items', {{}}, 'range', []),...

struct('type', 'edit', 'fontSize', 12, 'width', 60, 'unit', '分', 'unitFontSize', 14, 'defaultValue', '', 'items', {{}}, 'range', []),...

struct('type', 'edit', 'fontSize', 12, 'width', 60, 'unit', '分', 'unitFontSize', 14, 'defaultValue', '', 'items', {{}}, 'range', []),...

struct('type', 'edit', 'fontSize', 12, 'width', 60, 'unit', '分', 'unitFontSize', 14, 'defaultValue', '', 'items', {{}}, 'range', []),...

];

% 功能点名称创建（键）的调用方法

handles = createDynamicText(handles, handles.uipanel2, text\_contents1, 14, 10, 39, [255, 255, 255], [0, 0, 0]);

handles = createDynamicText(handles, handles.uipanel3, text\_contents2, 14, 10, 39, [255, 255, 255], [0, 0, 0]);

handles = createDynamicText(handles, handles.uipanel4, text\_contents3, 14, 10, 39, [255, 255, 255], [0, 0, 0]);

handles = createDynamicText(handles, handles.uipanel5, text\_contents4, 14, 10, 39, [255, 255, 255], [0, 0, 0]);

handles = createDynamicText(handles, handles.uipanel6, text\_contents5, 14, 10, 39, [255, 255, 255], [0, 0, 0]);

% 功能点值创建（值）的调用方法

handles = createUIComponents(handles, handles.uipanel2, features1, 39, 200, [255, 255, 255], [0, 0, 0]);

handles = createUIComponents(handles, handles.uipanel3, features2, 39, 160, [255, 255, 255], [0, 0, 0]);

handles = createUIComponents(handles, handles.uipanel4, features3, 39, 160, [255, 255, 255], [0, 0, 0]);

handles = createUIComponents(handles, handles.uipanel5, features4, 39, 160, [255, 255, 255], [0, 0, 0]);

handles = createUIComponents(handles, handles.uipanel6, features5, 39, 200, [255, 255, 255], [0, 0, 0]);

% 确认按钮哪一行最后是否带有单位的调用方法

handles = createUnitText(handles, {'uipanel2', 'uipanel3', 'uipanel4', 'uipanel5', 'uipanel6'}, 14, unit\_content, [255, 255, 255], [0, 0, 0]);

return;

function text68\_ButtonDownFcn(hObject, eventdata, handles)

% hObject handle to text\_click (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

capture\_and\_draw('uipanel2', false, 'pushbutton8', 'uipanel2', false, 'tu1.png');

% --- Executes on button press in pushbutton8.

function pushbutton8\_Callback(hObject, eventdata, handles)

% 模块1

% hObject handle to pushbutton8 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

set(handles.text38,'String','OK');

pause(1);

capture\_and\_draw('uipanel2', true, 'pushbutton8', 'uipanel2', true, 'tu2.png');

% --- Executes on button press in pushbutton9.

function pushbutton9\_Callback(hObject, eventdata, handles)

% 模块2

% hObject handle to pushbutton9 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

set(handles.text39,'String','已保存');

pause(1);

capture\_and\_draw('uipanel3', true, 'pushbutton9', 'uipanel3', true, 'tu3.png');

% --- Executes on button press in pushbutton10.

function pushbutton10\_Callback(hObject, eventdata, handles)

% 模块3

% hObject handle to pushbutton10 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

set(handles.text40,'String','已保存');

pause(1);

capture\_and\_draw('uipanel4', true, 'pushbutton10', 'uipanel4', true, 'tu4.png');

% --- Executes on button press in pushbutton11.

function pushbutton11\_Callback(hObject, eventdata, handles)

% 模块4

% hObject handle to pushbutton11 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

set(handles.text41,'String','已保存');

pause(1);

capture\_and\_draw('uipanel5', true, 'pushbutton11', 'uipanel5', true, 'tu5.png');

% --- Executes on button press in pushbutton12.

function pushbutton12\_Callback(hObject, eventdata, handles)

% 模块5

% hObject handle to pushbutton12 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

a=str2double(get(handles.uipanel6\_edit1,'String'));

b=str2double(get(handles.uipanel6\_edit2,'String'));

c=str2double(get(handles.uipanel6\_edit3,'String'));

d=str2double(get(handles.uipanel6\_edit4,'String'));

e=str2double(get(handles.uipanel6\_edit5,'String'));

f=str2double(get(handles.uipanel6\_edit6,'String'));

g=str2double(get(handles.uipanel6\_edit7,'String'));

x=(a+b+c+d+e+f+g)/7;

y=sprintf('%2.2f%',x);

set(handles.text42,'String',y);

pause(1);

capture\_and\_draw('uipanel6', true, 'pushbutton12', 'uipanel6', true, 'tu6.png');

% --- Executes on button press in pushbutton5.

function text\_btn\_1\_ButtonDownFcn(hObject, eventdata, handles)

% 模块6

% hObject handle to pushbutton5 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

global image;

[filename,filepath]=uigetfile({'\*.bmp;\*.png;\*.jpg;'},'选择图像');

if(isequal(filename,0)||isequal(filepath,0))

return;

end

image = [filepath,filename];

im=imread(image);

axes(handles.axes1);

imshow(im);

title('土地利用规划流程图');

axes(handles.axes1);

set(handles.axes1, 'Visible', 'off');

drawnow; pause(1);

capture\_and\_draw('uipanel7', true, 'text\_btn\_text\_1', 'uipanel12', true, 'tu7.png');

% --- Executes on button press in pushbutton6.

function text\_btn\_2\_ButtonDownFcn(hObject, eventdata, handles)

% 模块7

% hObject handle to pushbutton6 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

axes(handles.axes2);

[x, y] = meshgrid(-6\*pi:0.3:6\*pi, -6\*pi:0.3:6\*pi);

z = cos(sqrt(x.^2 + y.^2)).\*exp(-0.1\*sqrt(x.^2 + y.^2));

surf(x, y, z)

xlabel(handles.axes2,'开发密度');

ylabel(handles.axes2,'经济收益');

zlabel(handles.axes2,'环境影响');

title('绘制土地资源利用效率分析三维图');

drawnow; pause(1);

capture\_and\_draw('uipanel8', true, 'text\_btn\_text\_2', 'uipanel13', true, 'tu8.png');

% --- Executes on button press in pushbutton7.

function text\_btn\_3\_ButtonDownFcn(hObject, eventdata, handles)

% 模块8

% hObject handle to pushbutton7 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

axes(handles.axes3);

a=str2double(get(handles.uipanel6\_edit1,'String'));

b=str2double(get(handles.uipanel6\_edit2,'String'));

c=str2double(get(handles.uipanel6\_edit3,'String'));

d=str2double(get(handles.uipanel6\_edit4,'String'));

e=str2double(get(handles.uipanel6\_edit5,'String'));

f=str2double(get(handles.uipanel6\_edit6,'String'));

g=str2double(get(handles.uipanel6\_edit7,'String'));

Y = [a;b;c;d;e;f;g];

ch=bar(Y,'m');

set(gca,'XTickLabel', {'综合利用效率', '开发利用平衡', '生态保护效果', '社会经济贡献', '可持续发展指标', '资源配置合理性', '政策适应性'});

set(gca,'XTickLabelRotation',25);

ylim([0,max(max(Y)+max(Y)\*0.3)]);

title('土地资源综合利用分析柱状图');

drawnow; pause(1);

capture\_and\_draw('uipanel9', true, 'text\_btn\_text\_3', 'uipanel14', true, 'tu9.png');

% --- Executes on button press in pushbutton1.

function text54\_ButtonDownFcn(hObject, eventdata, handles)

% 模块9

% hObject handle to pushbutton1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

h = msgbox('土地资源综合利用分析软件为用户提供了土地类型管理、土地使用情况调查、土地变化监测、土地资源规划建议、土地资源综合利用评估等功能。', '关于本软件','help');

jMsgBox = h.JavaFrame.getFigurePanelContainer.getComponent(0).getTopLevelAncestor;

jMsgBox.setAlwaysOnTop(true);

figure(handles.figure1);

drawnow; pause(1);

capture\_and\_draw\_msgbox(h, true, 'text64', 'uipanel11', true, 'tu10.png');

% --- Executes on button press in pushbutton2.

function text56\_ButtonDownFcn(hObject, eventdata, handles)

% 模块10

% hObject handle to pushbutton2 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

clearPanelUI(handles.uipanel2);

clearPanelUI(handles.uipanel3);

clearPanelUI(handles.uipanel4);

clearPanelUI(handles.uipanel5);

clearPanelUI(handles.uipanel6);

set(handles.text38,'String',[]);

set(handles.text39,'String',[]);

set(handles.text40,'String',[]);

set(handles.text41,'String',[]);

set(handles.text42,'String',[]);

axes(handles.axes1);

cla reset;

box on;

set(handles.axes1,'xtick',[]);

set(handles.axes1,'ytick',[]);

axes(handles.axes2);

cla reset;

box on;

set(handles.axes2,'xtick',[]);

set(handles.axes2,'ytick',[]);

axes(handles.axes3);

cla reset;

box on;

set(handles.axes3,'xtick',[]);

set(handles.axes3,'ytick',[]);

set(handles.axes1, 'Visible', 'off');

set(handles.axes2, 'Visible', 'off');

set(handles.axes3, 'Visible', 'off');

drawnow; pause(1);

capture\_and\_draw('uipanel9', false, 'text66', 'uipanel11', true, 'tu12.png');

capture\_and\_draw('uipanel9', false, 'text67', 'uipanel11', true, 'tu13.png');

function clearPanelUI(panelHandle)

% 清除文本输入框

editHandles = findall(panelHandle, 'Style', 'edit');

for i = 1:length(editHandles)

set(editHandles(i), 'String', '');

end

% 清除下拉菜单

popupHandles = findall(panelHandle, 'Style', 'popupmenu');

for i = 1:length(popupHandles)

set(popupHandles(i), 'Value', 1);

end

% 清除单选按钮

radioHandles = findall(panelHandle, 'Style', 'radiobutton');

for i = 1:length(radioHandles)

set(radioHandles(i), 'Value', 0);

end

% 清除复选框

checkboxHandles = findall(panelHandle, 'Style', 'checkbox');

for i = 1:length(checkboxHandles)

set(checkboxHandles(i), 'Value', 0);

end

% 清除滑动条

sliderHandles = findall(panelHandle, 'Style', 'slider');

for i = 1:length(sliderHandles)

minVal = get(sliderHandles(i), 'Min');

set(sliderHandles(i), 'Value', minVal);

end

function handles = createDynamicText(handles, panelHandle, textContents, fontSize, offset, spacing, bgColor, fontColor)

% 设置默认颜色为白色背景和黑色字体

if nargin < 8

fontColor = [0, 0, 0]; % 默认字体颜色：黑色

else

fontColor = fontColor ./ 255; % 将 RGB 255 转换为归一化值

end

if nargin < 7

bgColor = [1, 1, 1]; % 默认背景颜色：白色

else

bgColor = bgColor ./ 255; % 将 RGB 255 转换为归一化值

end

global ELEMENT\_TOP;

for i = 1:length(textContents)

temp = uicontrol('Style', 'text', 'String', textContents{i}, 'Visible', 'off', 'FontSize', fontSize);

textWidth = temp.Extent(3) + 10;

delete(temp);

h = uicontrol('Parent', panelHandle, ...

'Style', 'text', ...

'String', textContents{i}, ...

'Position', [offset, ELEMENT\_TOP - (i-1)\*spacing, textWidth, 27], ...

'BackgroundColor', bgColor, ...

'ForegroundColor', fontColor, ...

'FontSize', fontSize);

tag = sprintf('%s\_%s%d', get(panelHandle, 'Tag'), 'text', i);

handles.(tag) = h;

end

function handles = createUnitText(handles, panelHandles, fontSize, textContents, bgColor, fontColor)

% 设置默认颜色为白色背景和黑色字体

if nargin < 6

fontColor = [0, 0, 0]; % 默认字体颜色：黑色

else

fontColor = fontColor ./ 255; % 将 RGB 255 转换为归一化值

end

if nargin < 5

bgColor = [1, 1, 1]; % 默认背景颜色：白色

else

bgColor = bgColor ./ 255; % 将 RGB 255 转换为归一化值

end

for i = 1:length(textContents)

if ~isempty(textContents{i})

tag = sprintf('text%d', i + 37);

set(handles.(tag), 'Units', 'pixels');

position = get(handles.(tag), 'Position');

temp = uicontrol('Style', 'text', 'String', textContents{i}, 'Visible', 'off', 'FontSize', fontSize);

textWidth = temp.Extent(3) + 10;

delete(temp);

h = uicontrol('Parent', handles.(panelHandles{i}), ...

'Style', 'text', ...

'String', textContents{i}, ...

'Position', [position(1) + position(3), position(2), textWidth, 27], ...

'FontSize', fontSize, ...

'BackgroundColor', bgColor, ...

'ForegroundColor', fontColor);

unitTag = sprintf('%s\_%s%d', get(handles.(panelHandles{i}), 'Tag'), 'text', i);

handles.(unitTag) = h;

end

end

function items\_cell = formatItems(input\_str)

if ~startsWith(input\_str, '|')

input\_str = ['|' input\_str];

end

items\_list = strsplit(input\_str, '|');

items\_cell = [''; items\_list(:)];

% UIWAIT makes Land\_Resource\_Comprehensive\_Utilization\_Analysis\_Software wait for user response (see UIRESUME)

% uiwait(handles.figure1);

function handles = createUIComponents(handles, panelHandle, features, spacing, offset, bgColor, fontColor)

if nargin < 7 % 如果没有提供字体色参数

fontColor = [0, 0, 0]; % 默认字体色为黑色

else

fontColor = fontColor ./ 255; % 将 RGB 255 转换为归一化值

end

if nargin < 6 % 如果没有提供背景色参数

bgColor = [1, 1, 1]; % 默认背景色为白色

else

bgColor = bgColor ./ 255; % 将 RGB 255 转换为归一化值

end

global ELEMENT\_TOP;

for i = 1:length(features)

commonProperties = {'Parent', panelHandle, ...

'Position', [offset, ELEMENT\_TOP - (i-1)\*spacing, features(i).width, 27], ...

'BackgroundColor', bgColor, ...

'ForegroundColor', fontColor, ...

'FontSize', features(i).fontSize};

tag = sprintf('%s\_%s%d',get(panelHandle, 'Tag'), features(i).type, i);

switch features(i).type

case 'edit'

h = uicontrol(commonProperties{:}, 'Style', 'edit', 'String', features(i).defaultValue, 'Tag', tag);

handles.(tag) = h;

if ~isempty(features(i).unit)

temp = uicontrol('Style', 'text', 'String', features(i).unit, 'Visible', 'off', 'FontSize', features(i).unitFontSize);

textWidth = temp.Extent(3);

delete(temp);

unitTag = sprintf('%s\_%s%d',get(panelHandle, 'Tag'), 'unitText', i);

hUnit = uicontrol('Parent', panelHandle, ...

'Style', 'text', ...

'Position', [offset + features(i).width, ELEMENT\_TOP - (i-1)\*spacing, textWidth, 27], ...

'FontSize', features(i).unitFontSize, ...

'String', features(i).unit, ...

'BackgroundColor', [1, 1, 1], ...

'ForegroundColor', fontColor, ...

'Tag', unitTag);

handles.(unitTag) = hUnit;

end

case 'popupmenu'

h = uicontrol(commonProperties{:}, 'Style', 'popupmenu', 'String', features(i).items, 'Tag', tag);

handles.(tag) = h;

case 'slider'

h = uicontrol(commonProperties{:}, 'Style', 'slider', 'Min', features(i).range(1), 'Max', features(i).range(2), 'Tag', tag);

handles.(tag) = h;

case 'radiobutton'

h = uicontrol(commonProperties{:}, 'Style', 'radiobutton', 'String', features(i).defaultValue, 'Tag', tag);

handles.(tag) = h;

case 'checkbox'

h = uicontrol(commonProperties{:}, 'Style', 'checkbox', 'String', features(i).defaultValue, 'Tag', tag);

handles.(tag) = h;

case 'text'

h = uicontrol(commonProperties{:}, 'Style', 'text', 'String', features(i).defaultValue, 'Tag', tag);

handles.(tag) = h;

end

end

function setImageToAxesWithAlpha(handles, imageName, axesTag, backgroundColor)

% 构建图片路径 , 'Land\_Resource\_Comprehensive\_Utilization\_Analysis\_Software' Administrati

if isdeployed

imagePath = fullfile(ctfroot, 'Administrati', 'snap\_static', imageName);

else

imagePath = fullfile(pwd, 'snap\_static', imageName);

end

% 检查图片是否存在

if ~exist(imagePath, 'file')

error('Image file does not exist: %s', imagePath);

end

% 读取图片和 Alpha 通道

[img, alpha] = imread(imagePath);

% 如果 Alpha 通道存在，处理透明度

if ~isempty(alpha)

% 创建一个与原图像大小相同的纯色背景图像

background = repmat(reshape(backgroundColor, [1, 1, 3]), [size(img, 1), size(img, 2), 1]);

% 合成图像：将原图像与背景图像结合，考虑 Alpha 通道

img = uint8(bsxfun(@times, double(img), double(alpha)/255) + bsxfun(@times, double(background), (1 - double(alpha)/255)));

end

% 检查轴控件是否存在

if isfield(handles, axesTag)

axesHandle = handles.(axesTag);

% 显示处理过的图像

imshow(img, 'Parent', axesHandle);

% 设置轴的外观

set(axesHandle, 'Visible', 'off');

else

error('Axes not found: %s', axesTag);

end

% 提取块注释

function comments = extractComments(filename, tag)

fid = fopen(filename, 'r');

if fid == -1

error(['Cannot open file: ', filename]);

end

comments = {};

inCommentBlock = false;

foundTag = false;

tempComment = {};

tline = fgetl(fid);

while ischar(tline)

if ~inCommentBlock && contains(tline, '%{')

inCommentBlock = true;

elseif inCommentBlock && contains(tline, tag) && ~foundTag

foundTag = true;

tagPosition = strfind(tline, tag) + length(tag);

restOfLine = strtrim(tline(tagPosition:end));

if ~isempty(restOfLine)

tempComment{end+1} = restOfLine;

end

elseif inCommentBlock && ~contains(tline, '%}')

tempComment{end+1} = strtrim(tline);

elseif inCommentBlock && contains(tline, '%}')

inCommentBlock = false;

if foundTag

comments{end+1} = strsplit(strjoin(tempComment, ' '), ' ');

foundTag = false;

end

tempComment = {};

end

tline = fgetl(fid);

end

fclose(fid);

% 从块注释生成数据结构

function dataStructure = generateDataStructure(filename, tag)

comments = extractComments(filename, tag);

if isempty(comments)

error('No comments found with the specified tag.');

end

dataStructure = comments{1};

function capture\_and\_draw(tagForBox, drawBox, tagForArrow, parentTagForArrow, drawArrow, filename)

jFrame = get(handle(gcf), 'JavaFrame');

jAxis = jFrame.fHG2Client.getWindow;

output\_folder = fullfile(pwd, 'snap\_images');

if ~exist(output\_folder, 'dir')

return;

end

robot = java.awt.Robot;

position = jAxis.getLocationOnScreen;

size = jAxis.getSize;

offsetX = 7;

offsetY = 0;

widthOffset = 14;

heightOffset = 7;

rectangle = java.awt.Rectangle(position.x + offsetX, position.y + offsetY, ...

size.width - widthOffset, size.height - heightOffset);

capture = robot.createScreenCapture(rectangle);

rgb = typecast(capture.getRGB(0, 0, capture.getWidth, capture.getHeight, [], 0, capture.getWidth), 'uint8');

img = reshape(rgb, [4, capture.getWidth, capture.getHeight]);

img = img(3:-1:1, :, :);

img = permute(img, [3 2 1]);

if drawBox

hBox = findobj(gcf, 'Tag', tagForBox);

boxPos = getpixelposition(hBox);

adjustedBoxPos = [boxPos(1) - 5, size.height - boxPos(2) - boxPos(4) - 10, boxPos(3) + 10, boxPos(4) + 10];

img = insertShape(img, 'Rectangle', adjustedBoxPos, 'Color', 'red', 'LineWidth', 3);

end

if drawArrow

hArrow = findobj(gcf, 'Tag', tagForArrow);

hParent = findobj(gcf, 'Tag', parentTagForArrow);

parentPos = getpixelposition(hParent);

arrowPos = getpixelposition(hArrow);

adjustedX = arrowPos(1) + parentPos(1);

adjustedY = size.height - (arrowPos(2) + parentPos(2) - arrowPos(4) - 50);

arrowLength = 90;

arrowThickness = 5;

startPt = [adjustedX + arrowPos(3)/2, adjustedY - arrowLength];

endPt = [adjustedX + arrowPos(3)/2, adjustedY];

img = insertShape(img, 'Line', [startPt, endPt], 'Color', 'red', 'LineWidth', arrowThickness);

headWidth = 25;

headLength = 25;

headPt1 = [startPt(1) - headWidth/2, startPt(2) + headLength];

headPt2 = [startPt(1) + headWidth/2, startPt(2) + headLength];

img = insertShape(img, 'Line', [startPt, headPt1], 'Color', 'red', 'LineWidth', arrowThickness);

img = insertShape(img, 'Line', [startPt, headPt2], 'Color', 'red', 'LineWidth', arrowThickness);

end

if isempty(filename)

filename = sprintf('screenshot\_%s.png', datestr(now, 'yyyy-mm-dd\_HH-MM-SS'));

end

output\_filename = fullfile(output\_folder, filename);

imwrite(img, output\_filename);

function capture\_and\_draw\_msgbox(msgboxHandle, drawBox, tagForArrow, parentTagForArrow, drawArrow, filename)

jFrame = get(handle(gcf), 'JavaFrame');

jAxis = jFrame.fHG2Client.getWindow;

output\_folder = fullfile(pwd, 'snap\_images');

if ~exist(output\_folder, 'dir')

return;

end

robot = java.awt.Robot;

position = jAxis.getLocationOnScreen;

size = jAxis.getSize;

offsetX = 7;

offsetY = 0;

widthOffset = 14;

heightOffset = 7;

rectangle = java.awt.Rectangle(position.x + offsetX, position.y + offsetY, ...

size.width - widthOffset, size.height - heightOffset);

capture = robot.createScreenCapture(rectangle);

rgb = typecast(capture.getRGB(0, 0, capture.getWidth, capture.getHeight, [], 0, capture.getWidth), 'uint8');

img = reshape(rgb, [4, capture.getWidth, capture.getHeight]);

img = img(3:-1:1, :, :);

img = permute(img, [3 2 1]);

if drawBox

jMsgbox = get(msgboxHandle, 'JavaFrame');

jMsgboxWindow = jMsgbox.fHG2Client.getWindow;

msgboxPos = jMsgboxWindow.getLocationOnScreen;

msgboxSize = jMsgboxWindow.getSize;

adjustedBoxPos = [msgboxPos.x - position.x - 10, msgboxPos.y - position.y - 8, msgboxSize.width + 10 , msgboxSize.height + 10];

img = insertShape(img, 'Rectangle', adjustedBoxPos, 'Color', 'red', 'LineWidth', 3);

end

if drawArrow

hArrow = findobj(gcf, 'Tag', tagForArrow);

hParent = findobj(gcf, 'Tag', parentTagForArrow);

parentPos = getpixelposition(hParent);

arrowPos = getpixelposition(hArrow);

adjustedX = arrowPos(1) + parentPos(1);

adjustedY = size.height - (arrowPos(2) + parentPos(2) - arrowPos(4) - 50);

arrowLength = 90;

arrowThickness = 5;

startPt = [adjustedX + arrowPos(3)/2, adjustedY - arrowLength];

endPt = [adjustedX + arrowPos(3)/2, adjustedY];

img = insertShape(img, 'Line', [startPt, endPt], 'Color', 'red', 'LineWidth', arrowThickness);

headWidth = 25;

headLength = 25;

headPt1 = [startPt(1) - headWidth/2, startPt(2) + headLength];

headPt2 = [startPt(1) + headWidth/2, startPt(2) + headLength];

img = insertShape(img, 'Line', [startPt, headPt1], 'Color', 'red', 'LineWidth', arrowThickness);

img = insertShape(img, 'Line', [startPt, headPt2], 'Color', 'red', 'LineWidth', arrowThickness);

end

% 保存截图

if isempty(filename)

filename = sprintf('screenshot\_%s.png', datestr(now, 'yyyy-mm-dd\_HH-MM-SS'));

end

output\_filename = fullfile(output\_folder, filename);

imwrite(img, output\_filename);

% --- Executes on button press in radiobutton4.

function radiobutton4\_Callback(hObject, eventdata, handles)

% hObject handle to radiobutton4 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of radiobutton4

% --- Executes on button press in radiobutton5.

function radiobutton5\_Callback(hObject, eventdata, handles)

% hObject handle to radiobutton5 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of radiobutton5

% --- Executes on button press in radiobutton6.

function radiobutton6\_Callback(hObject, eventdata, handles)

% hObject handle to radiobutton6 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of radiobutton6

% --- Executes on button press in radiobutton7.

function radiobutton7\_Callback(hObject, eventdata, handles)

% hObject handle to radiobutton7 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of radiobutton7

% --- Executes on selection change in popupmenu2.

function popupmenu2\_Callback(hObject, eventdata, handles)

% hObject handle to popupmenu2 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: contents = cellstr(get(hObject,'String')) returns popupmenu2 contents as cell array

% contents{get(hObject,'Value')} returns selected item from popupmenu2

% --- Executes during object creation, after setting all properties.

function popupmenu2\_CreateFcn(hObject, eventdata, handles)

% hObject handle to popupmenu2 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: popupmenu controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on selection change in popupmenu3.

function popupmenu3\_Callback(hObject, eventdata, handles)

% hObject handle to popupmenu3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: contents = cellstr(get(hObject,'String')) returns popupmenu3 contents as cell array

% contents{get(hObject,'Value')} returns selected item from popupmenu3

% --- Executes during object creation, after setting all properties.

function popupmenu3\_CreateFcn(hObject, eventdata, handles)

% hObject handle to popupmenu3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: popupmenu controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on selection change in popupmenu4.

function popupmenu4\_Callback(hObject, eventdata, handles)

% hObject handle to popupmenu4 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: contents = cellstr(get(hObject,'String')) returns popupmenu4 contents as cell array

% contents{get(hObject,'Value')} returns selected item from popupmenu4

% --- Executes during object creation, after setting all properties.

function popupmenu4\_CreateFcn(hObject, eventdata, handles)

% hObject handle to popupmenu4 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: popupmenu controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on selection change in popupmenu5.

function popupmenu5\_Callback(hObject, eventdata, handles)

% hObject handle to popupmenu5 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: contents = cellstr(get(hObject,'String')) returns popupmenu5 contents as cell array

% contents{get(hObject,'Value')} returns selected item from popupmenu5

% --- Executes during object creation, after setting all properties.

function popupmenu5\_CreateFcn(hObject, eventdata, handles)

% hObject handle to popupmenu5 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: popupmenu controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on selection change in popupmenu6.

function popupmenu6\_Callback(hObject, eventdata, handles)

% hObject handle to popupmenu6 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: contents = cellstr(get(hObject,'String')) returns popupmenu6 contents as cell array

% contents{get(hObject,'Value')} returns selected item from popupmenu6

% --- Executes during object creation, after setting all properties.

function popupmenu6\_CreateFcn(hObject, eventdata, handles)

% hObject handle to popupmenu6 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: popupmenu controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on selection change in popupmenu7.

function popupmenu7\_Callback(hObject, eventdata, handles)

% hObject handle to popupmenu7 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: contents = cellstr(get(hObject,'String')) returns popupmenu7 contents as cell array

% contents{get(hObject,'Value')} returns selected item from popupmenu7

% --- Executes during object creation, after setting all properties.

function popupmenu7\_CreateFcn(hObject, eventdata, handles)

% hObject handle to popupmenu7 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: popupmenu controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on selection change in popupmenu8.

function popupmenu8\_Callback(hObject, eventdata, handles)

% hObject handle to popupmenu8 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: contents = cellstr(get(hObject,'String')) returns popupmenu8 contents as cell array

% contents{get(hObject,'Value')} returns selected item from popupmenu8

% --- Executes during object creation, after setting all properties.

function popupmenu8\_CreateFcn(hObject, eventdata, handles)

% hObject handle to popupmenu8 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: popupmenu controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end

% --- Executes on button press in checkbox2.

function checkbox2\_Callback(hObject, eventdata, handles)

% hObject handle to checkbox2 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of checkbox2

% --- Executes on button press in checkbox3.

function checkbox3\_Callback(hObject, eventdata, handles)

% hObject handle to checkbox3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of checkbox3

% --- Executes on button press in checkbox4.

function checkbox4\_Callback(hObject, eventdata, handles)

% hObject handle to checkbox4 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of checkbox4

% --- Executes on button press in checkbox5.

function checkbox5\_Callback(hObject, eventdata, handles)

% hObject handle to checkbox5 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of checkbox5

% --- Executes on button press in checkbox6.

function checkbox6\_Callback(hObject, eventdata, handles)

% hObject handle to checkbox6 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of checkbox6

% --- Executes on button press in checkbox7.

function checkbox7\_Callback(hObject, eventdata, handles)

% hObject handle to checkbox7 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hint: get(hObject,'Value') returns toggle state of checkbox7

% --- Executes during object creation, after setting all properties.

function uipanel2\_CreateFcn(hObject, eventdata, handles)

% hObject handle to uipanel2 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% --- Executes during object creation, after setting all properties.

function text1\_CreateFcn(hObject, eventdata, handles)

% hObject handle to text1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% --- Executes when uipanel3 is resized.

function uipanel3\_SizeChangedFcn(hObject, eventdata, handles)

% hObject handle to uipanel3 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% --- Executes on mouse press over figure background, over a disabled or

% --- inactive control, or over an axes background.

function figure1\_WindowButtonDownFcn(hObject, eventdata, handles)

% hObject handle to figure1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% --- Executes on selection change in listbox1.

function listbox1\_Callback(hObject, eventdata, handles)

% hObject handle to listbox1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles structure with handles and user data (see GUIDATA)

% Hints: contents = cellstr(get(hObject,'String')) returns listbox1 contents as cell array

% contents{get(hObject,'Value')} returns selected item from listbox1

% --- Executes during object creation, after setting all properties.

function listbox1\_CreateFcn(hObject, eventdata, handles)

% hObject handle to listbox1 (see GCBO)

% eventdata reserved - to be defined in a future version of MATLAB

% handles empty - handles not created until after all CreateFcns called

% Hint: listbox controls usually have a white background on Windows.

% See ISPC and COMPUTER.

if ispc && isequal(get(hObject,'BackgroundColor'), get(0,'defaultUicontrolBackgroundColor'))

set(hObject,'BackgroundColor','white');

end