Obtaining the Workshop Materials

Either

- Open your browser to https://github.com/Dyalog19/SA3/archive/master.zip
 - o Download/save the file

Or

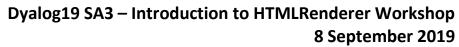
Copy the master.zip file from the flash drive available in the workshop

Then

Unzip the file (preferably to somewhere easy to type)
 The folder name is SA3-master. Rename this to SA3 if you can.
 We'll refer to this folder as [SA3] in examples, and you should replace [SA3] with the folder you unzipped to.
 For example, if you unzipped to the root of c:\ and renamed the folder from c:\SA3-master to c:\SA3, when you see the example:

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HTMLRenderer Properties as implemented as of 5 Sept 2019

Hillingthenderer Properties as implemented as 01 5 Sept 2019			
Property	Windows	Mac OS	Linux
Туре	+	+	+
HTML	+	+	+
Posn	+	+	+
Size	+	+	+
URL	+	+	+
Coord	+	+	+
Border *	-	-	-
Visible	+	+	+
Event	+	+	+
Sizeable *	+	+	-
Moveable *	-	-	-
SysMenu *	+	-	-
MaxButton *	+	-	-
MinButton *	+	+	-
IconObj	+	!	!
Data	+	+	+
Attach	+	!	!
KeepOnClose	+	+	+
AsChild	+	!	!
InterceptedURLs	+	+	+
CEFVersion	+	+	!
Caption	+	+	+
MethodList	+	+	+
ChildList	+	+	+
EventList	+	+	+
PropList	+	+	+

- * indicates settable at creation time only
- + indicates it works
- indicates it has no effect
- ! Indicates it produces an error

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```
Try this...(URL vs HTML)
      'hr' □WC 'HTMLRenderer' ('URL' 'www.google.com')('HTML' 'Hi!')
      hr.URL←'www.dyalog.com'
      hr.URL←'dyalog_root'
      hr.URL←'www.dyalog.com'
      hr.URL←''
Try this...(Callbacks)
      )clear
      ]load HttpUtils
      ]load [SA3]/Demos/SimpleForm
      SimpleForm ''
Try this...(MsgBox)
      )clear
      ]load [SA3]/Utilities/MsgBox
      mb←□NEW MsgBox
      mb.Caption←'Are you sure?'
      mb.Style←'query'
      mb.Text←'Engage ludricrous speed Captain?'
      btnClicked←mb.Run
```



EasyGUI

```
]link.create # [SA3]/Utilities/EasyGUI
)CS APLSource.UserFunctions
msg←'Is it break time yet?'
AskYesNo msq
ns←specifyParams ''
ns.Title←'SA3 Workshop'
ns.Posn←0 0
ns AskYesNo msq
countries←'USA ' 'Canada' 'Ireland' 'UK'
SelectMultipleCheckbox countries
A Use the same ns we created from before, on any function
ns SelectMultipleCheckbox countries
ns←specifyParams 'Title' 'Select a country'
ns.BtnCaption←'Submit countries'
ns.Size ← 40 40
ns.Theme←##.Themes.Dark
ns.Header←'Please select countries you have been to'
ns SelectMultipleCheckbox countries
A JavaScript example
path←FindFile 'Find the countries.csv file'
countries←,□CSV path
                              A Vector of countries
SelectMultipleDropdown countries
A Notifications
NotifyError 'Invalid syntax!'
(specifyParams('Header' 'Easily display data')('Size' 60 60))NotifyInfo 5 4p□A
A Graphics
DisplaySVG ##.Demo.svg
ref←DisplayProgressBar 0 10 A Min Max
ref.setProgress 3
##.Demo.TestProgress
                              A Add some Styling and Program Control
##.Demo.SimpleInterestApp2 '' A Leveraging the underlying class
```

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```
Try this...(DUI Page class)
      )clear
       ]load [SA3]/DUI/DUI
       ]load [SA3]/Demos/I*
      InputDemo
      InputDemo2 ''
Try this...(DUI MiSite)
      )clear
       ]load [SA3]/DUI/DUI
      DUI.Run '[SA3]/Demos/2048/'
Try this... (WebSockets)
      )clear
       ]load [SA3]/Demos/Web*
      WebSocketDemo ''
Try this... (DoPopup)
       )clear
       ]load [SA3]/Demos/DoPop*
      DoPopupDemo ''
      DoPopupDemo2 ''
Try this...(cubeDemo)
      )clear
       ]load [SA3]/Demos/cubeDemo
      cubeDemo '[SA3]'
```