**on** preOpenStack

**-- grab local libraries**

**put** the filename of me into tMyPlace

**set** itemdelimiter to slash

**put** "" into item -1 tMyPlace

**set** defaultFolder to tMyPlace

**start** using stack "/easyJSON.livecode"

**-- setup interface**

**put** "labelEmail labelApiKey fieldEmail fieldApiKey" into tFields

**repeat** for each word tField in tFields

**put** empty into field tField of me

**end** **repeat**

**repeat** for each word tField in tFields

**put** "c" & tField into tParameter

**if** the tParameter of me is not empty **then** **put** the tParameter of me into field tField of me

**end** **repeat**

**end** preOpenStack

**on** closeStack

**-- this will keep the authentication information between sessions**

**save** this stack

**pass** closeStack

**end** closeStack

**on** uploadPet **-- this will upload the name and image of a pet to the web app**

**-- establish authentication**

**put** field "fieldEmail" into tEmail

**put** field "fieldApiKey" into tApiKey

**if** tEmail is empty or tApiKey is empty **then** **exit** uploadPet

**put** the cfieldEmail of me into tEmailParam

**put** the cfieldApiKey of me into tApiKeyParam

**put** the cToken of me into tToken

**put** false into tReAuth

**if** (tEmail is not tEmailParam) or (tApiKey is not tApiKeyParam) or tToken is empty **then**

**put** true into tReAuth

**end** **if**

**if** tReAuth is true **then**

**set** the cToken of me to empty

**set** the cfieldEmail of me to tEmail

**set** the cfieldApiKey of me to tApiKey

**put** tEmail into tSendA["email"]

**put** tApiKey into tSendA["apikey"]

**put** contactApi("signin",tSendA) into tReturnA

**set** the cToken of me to tReturnA["response"]["token"]

**end** **if**

**-- get pet image and name**

**put** specialfolderpath("pictures") into tStart

**answer** file "choose a picture of your pet" with tStart

**if** the result is not "cancel" **then**

**put** it into tImgPath

**ask** "what is this pet's name?"

**if** the result is not "cancel" **then**

**put** it into tSendA["name"]

**put** URL ("binfile:" & tImgPath) into tImg

**-- setup image so Bubble will accept the upload**

**put** base64encode(tImg) into tSendA["image"]["contents"]

**set** itemdelimiter to "/"

**put** item -1 of tImgPath into tSendA["image"]["filename"]

**put** "false" into tSendA["image"]["private"]

**put** contactApi("upload",tSendA) into tWhatever

**end** **if** **-- pet name is not cancel**

**end** **if** **-- pet picture is not cancel**

**end** uploadPet

**on** refreshPet **-- this will download the name and image of the highest rated pet from the web app**

**-- just to show that you could put some data here if you wanted**

**put** "whatever" into tSendA["whatever"]

**put** contactApi("refresh",tSendA) into tReturnA

**-- download the image (Bubble puts them on AWS)**

**put** "https:" & tReturnA["response"]["image"] into tImgPath

**set** itemdelimiter to slash

**put** the filename of me into tNewPath

**put** item -1 of tImgPath into item -1 of tNewPath

**set** the httpHeaders to empty

**put** URL tImgPath into URL ("binfile:" & tNewPath)

**-- display pet information**

**set** the filename of image "imagePet" stack "bestPet" to tNewPath

**put** tReturnA["response"]["name"] && "votes:" && tReturnA["response"]["votes"] into field "labelName" stack "bestPet"

**end** refreshPet

**function** contactApi pMission,pPayloadA **-- this actually does the data transfer**

**if** the cToken of me is empty **then**

**-- need to authenticate**

**set** the httpHeaders to "Content-Type: application/json"

**else**

**-- send token along with headers to prove you're logged in via API**

**set** the httpHeaders to "Content-Type: application/json" & cr & "Authorization: Bearer" && the cToken of me

**end** **if**

**put** empty into tReturn

**put** jsonfromarray(pPayloadA) into tPayload

**switch** pMission

**case** "signin"

**post** tPayload to URL "https://bestpet.bubbleapps.io/api/1.1/wf/signin"

**put** arrayfromjson(it) into tResponseA

**break**

**case** "upload"

**post** tPayload to URL "https://bestpet.bubbleapps.io/api/1.1/wf/upload"

**break**

**case** "refresh"

**post** tPayload to URL "https://bestpet.bubbleapps.io/api/1.1/wf/refresh"

**put** arrayfromjson(it) into tResponseA

**break**

**end** **switch**

**set** the httpHeaders to empty

**if** tResponseA is not empty **then** **return** tResponseA

**end** contactApi