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stsReadFromPList



Usage

```
stsReadFromPList(filePath, keyPath)
put stsReadFromPList(pList, "NAT/Airport/NetworkName")
>> "PowerMac G4"
put stsReadFromPList(pList, "NAT/SharingDevices") into tDevicesA
>> tDevicesA[1] = "en1"
```

Description

This function lets you read from an OS X plist file (unencoded - Tiger has some plists encoded) using a "path" of keys in the file. If the value of the data is a simple string, integer, etc., the value is returned. If the value is an array (shown by "<array>" directly under the key in the plist), an array is returned. Note: This does not work with embedded arrays (i.e. <array><array>).

- **filePath** is the path to the file being examined.
- **keyPath** is the XML path to the key being examined.

Code

Select the code below and copy it to the clipboard, or retrieve it from [Scripter's Scrapbook Online](#).

```
function stsReadFromPList pFile, pKeyPath
if there is a file pFile then
  put url ("file:" & pFile) into tData
  set the itemDel to "/"
  repeat for each item tItem in pKeyPath
    put offset("'" & tItem & "'", tData) into tOffset
    if tOffset <> 0 then
      delete char 1 to (tOffset + length("'" & tItem & "'")) of tData
    else
      return "STSError: Key not found at path '" & pKeyPath & "'"
    end if
  end repeat
  -- remove preceding chars
  repeat
    if char 1 of tData = "<" then exit repeat
    delete char 1 of tData
  end repeat
  if char 1 to 7 of tData = "" then
    -- return an array
    if matchText(tData, "(?si)(.*)<\/array>", tElements) then
      put "" into tRetValA
      put 0 into tKeyNum
      repeat
        add 1 to tKeyNum
        get matchText(tElements, "(?si)<.*?>(.*?)<\/.*?>", tVal)
        if it is false then exit repeat
      else
        put tVal into tRetValA[tKeyNum]
        get matchChunk(tElements, "(?si)<.*?>(.*?)<\/.*?>", tStart, tEnd)
        delete char 1 to tEnd of tElements
      end if
    end repeat
    return tRetValA
  else
    return "STSError: Could not extract array from key path '" & pKeyPath & "'"
  end if
else
  -- look for (like - this is used in loginwindow.plist)
  if matchText(tData, "(?si)<(.*?)>\/>", tVal) then
    return tVal
  else
    -- look for Val, Val, etc.
    if matchText(tData, "(?si)<.*?>(.*?)<\/.*?>", tVal) then
      return tVal
    end if
  end if
end if
```

```
        return "STSError: Could not extract value from key path '" & pKeyPath & "'"
    end if
else
    return "STSError: File not found."
end if
end stsReadFromPList
```

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