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| **sailjson** | |
| **Pure Powerbuilder script tool to parse json** | |
|  | sailjson is a none visual user object for powerbuilder. This demo writted in Powerbuilder 9.  You can free download sailjson and use it, but please keep the site address mark in script.  /\*  Sailjson:from www.pblsoft.com  Please reserve this information  Version:2.2  Release date:2016-6-27  Fixed bug of read string which include "\".  Version:2.1  Release date:2016-1-9  Fixed bug to parse pure array like "[1,2,3,4]" json string.  Version:2.0  Release date:2016-1-1  Add function to parse array of string or number,not only the object  \*/  sailjson provide follow functions to parse json data.  //the four function to parse json data and get values  public function string parse (string as\_json)  public function integer getarray (string itemname, ref any va[])  public function boolean isarray (any value)  public function any getattribute (string itemname)  //this function to display json format in treeview  public subroutine buildtree (treeview atree, long handle, integer aobjectpcxidx, integer aarraypcxidx, integer aitempcxidx)  //the four function modify json data structure and get json data  public subroutine setattribute (string as\_name, any aa\_value)  public function any addarrayitem (string arrayname)  public function any addobject (string objname)  public function string getformatjson (string ident) //if ident='', will get packed json data  Please down load the demo to see details using. |

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|  | **Example Scripts**  Example json data:  {  "version": "1001",  "header": {  "count": 3,  "comment": "items count"  },  "data": [  {  "colid": 1,  "colname": "aaaaaa",  "coladdr": ""  },  {  "colid": 2,  "colname": "bbbbbbbb",  "coladdr": null  },  {  "colid": 3,  "colname": "cccccc"  }  ],  "creattime": "20150213.084829"  }  demo powerbuilder script to parse the json data:  //this demo script parse the json data  sailjson json, ljson  string ls\_json, ls  ls\_json = '{"version":"1001","header":{"count":3,"comment":"itemscount"},"data":[{"colid":1,"colname":"aaaaaa","coladdr":""},{"colid":2,"colname":"bbbbbbbb","coladdr":null},{"colid":3,"colname":"cccccc"}],"creattime":"20150213.084829"}'  json = create sailjson  json.parse( ls\_json )  //get version  ls = json.getattribute( 'version')  //get header, header is an object in json data  ljson = json.getattribute('header')  ls = string(ljson.getattribute('count'))  ls = ljson.getattribute('comment')  integer i,li\_count  any larray[]  //get data, data is array of objects  li\_count = json.getarray( 'data', larray)  for i = 1 to li\_count  ljson = larray[i]  ls = string(ljson.getattribute( 'colid'))  ls = ljson.getattribute( 'colname')  if isnull(ljson.getattribute( 'coladdr') ) then  ls = 'null'  else  ls = ljson.getattribute( 'coladdr')  end if  next  ls = json.getattribute( 'createtime')  //to display json format in treeview  integer handle  handle = tv\_1.insertitemfirst(0, 'root', 2)  json.buildtree( tv\_1, handle, 2,3,1)  tv\_1.expanditem( handle)  destroy json |