TP2

Generated by Doxygen 1.8.11

Contents

1	Data	a Struct	ure Index		1
	1.1	Data S	Structures		1
2	File	Index			3
	2.1	File Lis	st		3
3	Data	a Struct	ure Docur	mentation	5
	3.1	pulso	Struct Refe	erence	5
		3.1.1	Field Do	cumentation	5
			3.1.1.1	1	5
			3.1.1.2	Q	5
	3.2	tabla_	pulsos Stru	uct Reference	5
		3.2.1	Field Do	cumentation	6
			3.2.1.1	pulsos_iq	6
			3.2.1.2	validSamples	6
4	File	Docum	entation		7
	4.1	html/d	ynsections	.js File Reference	7
		4.1.1	Function	Documentation	7
			4.1.1.1	toggleFolder(id)	7
			4.1.1.2	toggleInherit(id)	7
			4.1.1.3	toggleLevel(level)	7
			4.1.1.4	toggleVisibility(linkObj)	7
			4.1.1.5	updateStripes()	7
	42	html/io	mervis File	- Reference	7

iv CONTENTS

4.2.1	Function	Documentation	8
	4.2.1.1	$b(function()\{if("!b.support.reliableMarginRight)\{b.cssHooks.marginRight=\{get \leftarrow function(bw, bv)\{var e;b.swap(bw,\{display:""inline-block""\}, function()\{if(bv)\{e=\leftarrow Z(bw,""margin-right"",""marginRight"")\}else\{e=bw.style.marginRight\}\});return e\}\}\}\})$	8
	4.2.1.2	$each([""height"",""width""], \ function(bv, \ e)\{b.cssHooks[e]=\{get:function(by, \ bx, \ bw)\{var \ bz;if(bx)\{if(by.offsetWidth"!==0)\{return \ p(by, \ e, \ bw)\}else\{b.swap(by, \ a7, \ function()\{bz=p(by, \ e, \ bw)\})\}return \ bz\}\}, \ set:function(bw, \ bx)\{if(bc.\leftarrow test(bx))\{bx=parseFloat(bx);if(bx>=0)\{return \ bx+""px""\}else\{return \ bx\}\}\}\}) \ . \ . \ .$	8
	4.2.1.3	extend({cssHooks:{opacity:{get:function(bw, bv){if(bv){var e=Z(bw,""opacity"",""opacity e===""""?""1"":e}else{return bw.style.opacity}}}, cssNumber:{fillOpacity:true, fontWeight:true, lineHeight:true, opacity:true, orphans:true, widows:true, zlndex true, zoom:true}, cssProps:{""float"":b.support.cssFloat?""cssFloat"":""style float""}, style:function(bx, bw, bD, by){if("!bx" " bx.nodeType===3" " bx. nodeType===3" " bx. nodeType==3" " bx. nodeType===3" " bx. nodeType==3" bx. nodeType===3" " bx. nodeType==3" bx. nodeType==3" bx. nodeType==3" nodeType==3"	
	4.2.1.4	if(av.documentElement.currentStyle)	9
	4.2.1.5	if(av.defaultView &&av.defaultView.getComputedStyle)	9
	4.2.1.6	if(b.expr &&b.expr.filters)	9
	4.2.1.7	if("!b.support.opacity)	9
	4.2.1.8	p(by, bw, bv)	9
4.2.2	Variable	Documentation	9
	4.2.2.1	aD	9
	4.2.2.2	aM	9
	4.2.2.3	ap	9
	4.2.2.4	aQ	9
	4.2.2.5	au	9
	4.2.2.6	aZ	9
	4.2.2.7	b	9
	4.2.2.8	bb	17
	4.2.2.9	bq	17

CONTENTS

		4.2.2.10	bs	 17
		4.2.2.11	c	 17
		4.2.2.12	css	 18
		4.2.2.13	curCSS	 18
		4.2.2.14	$k \ \dots $	 18
		4.2.2.15	L	 18
		4.2.2.16	Z	 18
4.3	html/se	earch/all_0	js File Reference	 18
	4.3.1	Variable	Documentation	 18
		4.3.1.1	c	 18
		4.3.1.2	Rt	 18
		4.3.1.3	searchData	 18
4.4	html/se	earch/all_1	.js File Reference	 18
	4.4.1	Variable	Documentation	 19
		4.4.1.1	C	 19
		4.4.1.2	gates	 19
		4.4.1.3	searchData	 19
4.5	html/se	earch/all_2	.js File Reference	 19
	4.5.1	Variable	Documentation	 19
		4.5.1.1	searchData	 19
4.6	html/se	earch/all_3	.js File Reference	 19
	4.6.1	Variable	Documentation	 19
		4.6.1.1	c	 19
		4.6.1.2	searchData	 19
4.7	html/se	earch/all_4	.js File Reference	 20
	4.7.1	Variable	Documentation	 20
		4.7.1.1	c	 20
		4.7.1.2	searchData	 20
4.8	html/se	earch/all_5	.js File Reference	 20
	4.8.1	Variable	Documentation	 20

vi

		4.8.1.1	search[Data			 	 	 	 	 	 20
4.9	html/se	earch/all_6	.js File R	eferenc	е		 	 	 	 	 	 20
	4.9.1	Variable	Documer	ntation			 	 	 	 	 	 21
		4.9.1.1	search[Data			 	 	 	 	 	 21
4.10	html/se	earch/all_7	.js File R	eferenc	е		 	 	 	 	 	 21
	4.10.1	Variable	Documer	ntation			 	 	 	 	 	 21
		4.10.1.1	search[Data			 	 	 	 	 	 21
4.11	html/se	earch/class	ses_0.js f	File Refe	erence		 	 	 	 	 	 21
	4.11.1	Variable	Documer	ntation			 	 	 	 	 	 21
		4.11.1.1	search[Data			 	 	 	 	 	 21
4.12	html/se	earch/class	ses_1.js l	File Refe	erence		 	 	 	 	 	 22
	4.12.1	Variable	Documer	ntation			 	 	 	 	 	 22
		4.12.1.1	search[Data			 	 	 	 	 	 22
4.13	html/se	earch/defin	es_0.js F	ile Refe	erence		 	 	 	 	 	 22
	4.13.1	Variable	Documer	ntation			 	 	 	 	 	 22
		4.13.1.1	c				 	 	 	 	 	 22
		4.13.1.2	search[Data			 	 	 	 	 	 22
4.14	html/se	earch/files_	_0.js File	Referer	nce		 	 	 	 	 	 22
	4.14.1	Variable	Documer	ntation			 	 	 	 	 	 23
		4.14.1.1	search[Data			 	 	 	 	 	 23
4.15	html/se	earch/funct	tions_0.js	File Re	eference	е	 	 	 	 	 	 23
	4.15.1	Variable	Documer	ntation			 	 	 	 	 	 23
		4.15.1.1	С				 	 	 	 	 	 23
		4.15.1.2	Rt				 	 	 	 	 	 23
		4.15.1.3	search[Data			 	 	 	 	 	 23
4.16	html/se	earch/funct	tions_1.js	File Re	eference	e	 	 	 	 	 	 23
	4.16.1	Variable	Documer	ntation			 	 	 	 	 	 24
		4.16.1.1	С				 	 	 	 	 	 24
		4.16.1.2	gates .				 	 	 	 	 	 24
		4.16.1.3	search[Data			 	 	 	 	 	 24

CONTENTS vii

4.17	html/se	arch/functions_2.js File Reference	24
	4.17.1	Variable Documentation	24
		4.17.1.1 c	24
		4.17.1.2 searchData	24
4.18	html/se	arch/functions_3.js File Reference	24
	4.18.1	Variable Documentation	25
		4.18.1.1 c	25
		4.18.1.2 searchData	25
4.19	html/se	arch/search.js File Reference	25
	4.19.1	Function Documentation	25
		4.19.1.1 convertTold(search)	25
		4.19.1.2 createResults()	25
		4.19.1.3 getXPos(item)	25
		4.19.1.4 getYPos(item)	25
		4.19.1.5 init_search()	25
		4.19.1.6 SearchBox(name, resultsPath, inFrame, label)	25
		4.19.1.7 SearchResults(name)	25
		4.19.1.8 setClassAttr(elem, attr)	25
		4.19.1.9 setKeyActions(elem, action)	25
4.20	html/se	arch/searchdata.js File Reference	25
	4.20.1	Variable Documentation	26
		4.20.1.1 indexSectionLabels	26
		4.20.1.2 indexSectionNames	26
		4.20.1.3 indexSectionsWithContent	26
4.21	html/se	arch/variables_0.js File Reference	26
	4.21.1	Variable Documentation	27
		4.21.1.1 searchData	27
4.22	html/se	arch/variables_1.js File Reference	27
	4.22.1	Variable Documentation	27
		4.22.1.1 searchData	27

viii **CONTENTS**

4.23	html/se	arch/varia	bles_2.js File Reference	27
	4.23.1	Variable I	Documentation	27
		4.23.1.1	searchData	27
4.24	html/se	arch/varia	bles_3.js File Reference	28
	4.24.1	Variable [Documentation	28
		4.24.1.1	searchData	28
4.25	openm	p/main.c F	ile Reference	28
	4.25.1	Macro De	efinition Documentation	29
		4.25.1.1	CANT_PULSOS	29
	4.25.2	Function	Documentation	29
		4.25.2.1	autocorrelacionar(float gates[2][CANT_PULSOS][500][2], float Rt[2][500])	29
		4.25.2.2	calcularmedia(tabla_pulsos *tablas[], float gates[2][CANT_PULSOS][500][2])	29
		4.25.2.3	main(void)	29
		4.25.2.4	parsearpulsos(int fd, tabla_pulsos *tablas[])	29
4.26	proced	ural/main.d	c File Reference	30
	4.26.1	Macro De	efinition Documentation	30
		4.26.1.1	CANT_PULSOS	30
	4.26.2	Function	Documentation	30
		4.26.2.1	autocorrelacionar(float gates[2][CANT_PULSOS][500][2], float Rt[2][500])	30
		4.26.2.2	calcularmedia(tabla_pulsos *tablas[], float gates[2][CANT_PULSOS][500][2])	31
		4.26.2.3	main(void)	31
		4.26.2.4	parsearpulsos(int fd, tabla_pulsos *tablas[])	31
dex				33

Index

Chapter 1

Data Structure Index

1	.1	Data	Stru	ictu	res

Here are the data structures with brief descriptions:

pulso				 	 																Ę
tabla_	pulsos			 	 		 														Ę

2 Data Structure Index

Chapter 2

File Index

2.1 File List

Here is a list of all files with brief descriptions:

ntml/dynsections.js	. 7
ntml/ jquery.js	. 7
ntml/search/all_0.js	. 18
ntml/search/all_1.js	. 18
ntml/search/all_2.js	. 19
ntml/search/all_3.js	. 19
ntml/search/all_4.js	. 20
ntml/search/ all_5.js	. 20
ntml/search/all_6.js	. 20
ntml/search/all_7.js	. 21
ntml/search/classes_0.js	. 21
ntml/search/classes_1.js	. 22
ntml/search/defines_0.js	. 22
ntml/search/files_0.js	. 22
ntml/search/functions_0.js	. 23
ntml/search/functions_1.js	. 23
ntml/search/ functions_2.js	. 24
ntml/search/ functions_3.js	. 24
ntml/search/ search.js	. 25
ntml/search/ searchdata.js	. 25
ntml/search/variables_0.js	. 26
ntml/search/variables_1.js	. 27
ntml/search/ variables_2.js	. 27
ntml/search/ variables_3.js	. 28
ppenmp/ main.c	. 28
procedural/main c	30

File Index

Chapter 3

Data Structure Documentation

3.1 pulso Struct Reference

Data Fields

- float I
- float Q

3.1.1 Field Documentation

3.1.1.1 float I

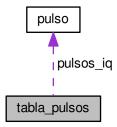
3.1.1.2 float Q

The documentation for this struct was generated from the following file:

• openmp/main.c

3.2 tabla_pulsos Struct Reference

Collaboration diagram for tabla_pulsos:



Data Fields

- uint16_t validSamples
- struct pulso pulsos_iq []
- 3.2.1 Field Documentation
- 3.2.1.1 struct pulso pulsos_iq
- 3.2.1.2 uint16_t validSamples

The documentation for this struct was generated from the following file:

• openmp/main.c

Chapter 4

File Documentation

4.1 html/dynsections.js File Reference

Functions

- function toggleVisibility (linkObj)
- function updateStripes ()
- function toggleLevel (level)
- function toggleFolder (id)
- function toggleInherit (id)

4.1.1 Function Documentation

- 4.1.1.1 function toggleFolder (id)
- 4.1.1.2 function toggleInherit (id)
- 4.1.1.3 function toggleLevel (level)
- 4.1.1.4 function toggleVisibility (linkObj)
- 4.1.1.5 function updateStripes ()

4.2 html/jquery.js File Reference

Functions

• b extend ({cssHooks:{opacity:{get:function(bw, bv){if(bv){var e=Z(bw,"opacity","opacity");return e===""?"1" ← :e}else{return bw.style.opacity}}}, cssNumber:{fillOpacity:true, fontWeight:true, lineHeight:true, opacity ← :true, orphans:true, widows:true, zIndex:true, zoom:true}, cssProps:{"float":b.support.cssFloat?"css ← Float":"styleFloat"}, style:function(bx, bw, bD, by){if(!bx||bx.nodeType===3||bx.nodeType===8||!bx. ← style){return}var bB, bC, bz=b.camelCase(bw), bv=bx.style, bE=b.cssHooks[bz];bw=b.cssProps[bz]||bz;if(b ← D!==L){bC=typeof} bD;if(bC==="string"&&(bB=I.exec(bD))){bD=(+(bB[1]+1)*+bB[2])+parseFloat(b. ← css(bx, bw));bC="number"}if(bD==null||bC==="number"&&isNaN(bD)){return}if(bC==="number"&&ib.css ← Number[bz]){bD+="px"}if(!bE||!("set"in bE)||(bD=bE.set(bx, bD))!==L){try{bv[bw]=bD}catch(bA){}}}else{if(bE &&"get"in bE &&(bB=bE.get(bx, false, by))!==L){return bB}return bv[bw]}}, css:function(by, bx, bv){var bw, e;bx=b.camelCase(bx);e=b.cssHooks[bx];bx=b.cssProps[bx]||bx;if(bx==="cssFloat"){bx="float"}if(e &&"get"in e &&(bw=e.get(by, true, bv))!==L){return bw}else{if(Z){return Z(by, bx)}}}, swap:function(bx, bw, by){var e={};for(var bv in bw){e[bv]=bx.style[bv]=bw[bv]}by.call(bx);for(bv in bw){bx.style[bv]=e[bv]}}})

• **b each** (["height","width"], function(bv, e){b.cssHooks[e]={get:function(by, bx, bw){var bz;if(bx){if(by.offset Width!==0){return **p**(by, e, bw)}else{b.swap(by, a7, function(){bz=**p**(by, e, bw)})}return bz}}, set:function(bw, bx){if(bc.test(bx)){bx=parseFloat(bx);if(bx >=0){return bx+"px"}else{return bx}}})

- **if** (!b.support.opacity)
- **b** (function(){**if**(!b.support.reliableMarginRight){b.cssHooks.marginRight={get:function(bw, bv){var e;b. ← swap(bw,{display:"inline-block"}, function(){**if**(bv){e=**Z**(bw,"margin-right","marginRight")}else{e=bw.style. ← marginRight}});return e}}})
- if (av.defaultView &&av.defaultView.getComputedStyle)
- if (av.documentElement.currentStyle)
- function p (by, bw, bv)
- if (b.expr &&b.expr.filters)

Variables

- · function bb
- function L {var av=bb.document,bu=bb.navigator,bl=bb.location
- var **b**
- var \mathbf{au} =/opacity=([^\)]*)/,z=/([A- \mathbf{Z}]|^ms)/g,bc=/^--?\d+(?:px)?\$/i,bn=/^--?\d/,l=/^([\-+])=([\-+.\de]+)/,a7={position} \leftarrow :"absolute",visibility:"hidden",display:"block"},an=["Left","Right"],a1=["Top","Bottom"],Z,a1,aX
- b fn css =function(e,bv){if(arguments.length===2&&bv===L){return this}return b.access(this,e,bv,true,function(bx,bw,by){return by!==L?b.style(bx,bw,by):b.css(bx,bw)})}
- b curCSS =b.css
- **Z** =al||aX
- var $k = \frac{\%20}{g}$
- var **ap** =/\[\]\$/
- var **bs** =/\r?\n/g
- var bq =/#.*\$/
- var **aD** =/ $^(.*?):[\t]*([^\r\n]*)\r?$/mg$
- var **aZ** =/^(?:color|date|datetime|datetime|datetime|url|week)\$/i
- var aM =/^(?:about|app|app\-storage|.+\-extension|file|res|widget):\$/
- var aQ =/^(?:GET|HEAD)\$/
- var c

4.2.1 Function Documentation

- 4.2.1.1 b (function(){if(!b.support.reliableMarginRight){b.cssHooks.marginRight={get:function(bw, bv){var} e;b.swap(bw,{display:"inline-block"}, function(){if(bv){e=Z(bw,"margin-right","marginRight")}else{e=bw.style.margin←Right}});return e}}}})
- 4.2.1.2 b each (function(bv, e){b.cssHooks[e]={get:function(by, bx, bw){var bz;if(bx){if(by.offsetWidth!==0){return p(by, e, bw)}else{b.swap(by, a7, function(){bz=p(by, e, bw)})}return bz}}, set:function(bw, bx){if(bc.test(bx)){bx=parseFloat(bx);if(bx >=0){return bx+"px"}}else{return bx}}})
- $\label{thm:bestend} 4.2.1.3 \quad b \; extend (\; \{cssHooks: \{opacity: \{get: function(bw, bv) \{if(bv) \{var \; e=Z(bw, "opacity", "opacity"); return \; e===""?"1":e\}else \{return \; bw.style.opacity}\}\}\}, \; cssNumber: \{fillOpacity: true, fontWeight: true, lineHeight: true, opacity: true, orphans: true, widows: true, zlndex: true, zoom: true, cssProps: {"float":b.support.cssFloat?"cssFloat": "styleFloat"}, style: function(bx, bw, bD, by) \{if(!bx||bx.nodeType===3||bx.nodeType===8||!bx.style) \{return\}var \; bB, bC, bz=b.camelCase(bw), bv=bx.style, bE=b.cssHooks[bz]; bw=b.cssProps[bz]||bz; if(b \leftarrow D!==L) \{bC=typeof \; bD; if(bC==="string"&&(bB=l.exec(bD))) \{bD=(+(bB[1]+1)*+bB[2]) + parseFloat(b.css(bx, bw)); bC="number"} if(bD==null||bC==="number"&&isNaN(bD)) \{return\} if(bC==="number"&&!b.css \leftarrow Number[bz]) \{bD+="px"} if(!bE||!("set"in bE)||(bD=bE.set(bx, bD))!==L) \{try\{bv[bw]=bD\} catch(bA) \{\}\} \} else \{if(bE &&"get"in bE &&(bB=bE.get(bx, false, by))!==L) \{return bB\} return bv[bw] \}, \; css: function(by, bx, bv) \{var bw, e;bx=b.camelCase(bx);e=b.cssHooks[bx];bx=b.cssProps[bx]||bx;if(bx==="cssFloat") \{bx="float"} if(e &&"get"in e &&(bw=e.get(by, true, bv))!==L) \{return bw\} else \{if(Z) \{return Z(by, bx)\} \}, \; swap: function(bx, bw, by) \{var e= \{\}; for(var bv in bw) \{e[bv]=bx.style[bv];bx.style[bv]=bw[bv] \} by.call(bx); for(bv in bw) \{bx.style[bv]=e[bv]\} \})$

```
4.2.1.4 if ( av.documentElement. currentStyle )
4.2.1.5 if ( av.defaultView &&av.defaultView. getComputedStyle )
4.2.1.6 if (b.expr &&b.expr. filters)
4.2.1.7 if (!b.support. opacity)
4.2.1.8
        function p ( by, bw, bv )
4.2.2
        Variable Documentation
4.2.2.1 var aD =/^(.*?):[\t]*([^{r}]*)\r?$/mg
4.2.2.2 var aM =/^(?:about|app|app)-storage|.+\\-extension|file|res|widget):$/
4.2.2.3 var ap =\Lambda[\]$/
4.2.2.4 var aQ =/^(?:GET|HEAD)$/
4.2.2.5 var au =/opacity=([^)]*)/,z=/([A-Z]|^ms)/g,bc=/^-?\d+(?:px)?$/i,bn=/^-?\d/,l=/^([\-+])=([\-+.\de]+)/,a7={position} \leftarrow
        :"absolute",visibility:"hidden",display:"block"},an=["Left","Right"],a1=["Top","Bottom"],Z,al,aX
4.2.2.6 var aZ =/^{(?)}(?:color|date|datetime|datetime|
        local email hidden month number password range search tel text time url week)$/i
4.2.2.7 var b
```

Initial value:

 $= (\texttt{function()} \\ \{\texttt{var bF} = \texttt{function(b0,b1)} \\ \{\texttt{return new bF.fn.init(b0,b1,bD)} \\ \}, \\ \texttt{bU} = \texttt{bb.jQuery,bH} = \texttt{bH.init(b0,b1,bD)} \\ \}, \\ \texttt{bU} = \texttt{bH.init(b0,b$ $bb.\$,bD,bY=/^{?:[^*4<([w\W]+>)[^>]*\$|\#([w\-]+)\$)/,bM=/S/,bI=/^\s+/,bE=/\s+\$/,bA=/^<(\w+)\s*\/?>(?:<//1>)?\$/,bN=/[],:{}\s]*\$/,bW=/\(?:["\\\/bfnrt]|u[0-9a-fA-F]{4})/g,bP=/"[^"\\\\n\r]*"|true|false|null|-?\d+(?:\\\d*)?(?:[eE][+\-]?\d+)?/g,bJ=/(?:^|:|,)(?:\s*\[]+/g,by=/(webkit)[\/]([\w.]+)/,bR=/(opera)(?:.*version)?[\\]\([\w.]+)/,bQ=/(msie)([\w.]+)/,bS=/(mozilla)(?:.*? rv:([\w.]+))?/,bB=/-([a-z]|[0-9])/ig,bZ=/^-ms-/,bT=function(b0,b1){return(b1+"").toUpperCase()},bX=bu.userAgent,bV,bC,e,bL=Object.prototype.toString,bG=Object.$ $\verb|prototype.hasOwnProperty,bz=Array.prototype.push,bK=Array.prototype.slice,bO=String.prototype.trim,bv=Array.prototype.slice,bO=String.prototype.trim,bv=Array.prototype.slice,bO=String.prototype.trim,bv=Array.prototype.slice,bO=String.prototype.trim,bv=Array.prototype.slice,bO=String.prototype.slice,$ prototype.indexOf,bx={}};bf.fn=bf.prototype={constructor:bf,init:function(b0,b4,b3){var b2,b5,b1,b6;if(!b0){ return this}if(b0.nodeType){this.context=this[0]=b0;this.length=1;return this}if(b0==="body"&&!b4&&av.body){this.context=av;this[0]=av.body;this.selector=b0;this.length=1;return this}if(typeof b0==="string"){if(b0.charAt(b0.length-1)===">"&&b0.length>=3){b2=[null,b0,null]}else{b2=bY.exec(b0)}if(b2&&(b2[1]) ||!b4)) {if (b2[1]) {b4=b4 instanceof bF?b4[0]:b4;b6=(b4?b4.ownerDocument||b4:av);b1=bA.exec(b0); if (b1) {if (bF.av) | b4=bA.exec(b0); if (b1) {if (b5-av) | b4=bA.exec(b0); if (b1) {if (b1) {if (b1) | b4=bA.exec(b0); if (b1) {if (b1) | b4=bA.exec(b0); if (b1) {if (b1) {if (b1) | b4=bA.exec(b0); if (b1) {if (b1) {if (b1) | b4=bA.exec(b0); if (b1) {if $isPlainObject (b4)) \\ \{b0 = [av.createElement (b1[1])]; bF.fn.attr.call (b0,b4,true) \\ \} \\ else \\ \{b0 = [b6.createElement (b1[1])]\} \\ isPlainObject (b4)) \\ \{b0 = [av.createElement (b4)]\} \\ isPlainObject (b4)) \\ isPlainObject (b$ else(b1=bF.buildFragment([b2[1]],[b6]);b0=(b1.cacheable?bF.clone(b1.fragment):b1.fragment).childNodes)return bF.merge(this,b0)}else{b5=av.getElementById(b2[2]);if(b5&&b5.parentNode){if(b5.id!==b2[2]){return b3.find(b0)}this.length=1;this[0]=b5}this.context=av;this.selector=b0;return this}}else{if(!b4||b4.jquery){return (b4 ||b3).find(b0)}else{return this.constructor(b4).find(b0)}}}else{if(bF.isFunction(b0))}return b3.ready(b0)}} f(b0.selector!==L){this.selector=b0.selector; this.context=b0.context}return bF.makeArray(b0,this)}, selector: "", jquery:"1.7.1",length:0,size:function(){return this.length},toArray:function(){return bK.call(this,0)}, get:function(b0){return b0==null?this.toArray():(b0<0?this[this.length+b0]:this[b0])},pushStack:function(b1,b3 ,b0) (var b2=this.constructor();if(bF.isArray(b1)) (b2.apply(b2,b1)}else(bF.merge(b2,b1)) b2.prev0bject=this;b2 .context=this.context;if(b3==="find") (b2.selector=this.selector+(this.selector?" ":"")+b0}else(if(b3)(b2.selector=this.selector+"."+b3+"("+b0+")"}}return b2}, each:function(b1)(p0)(return bF.each(this,b1,b0)), ready:function(b0)(bF.bindReady();bC.add(b0);return this},eq:function(b0)(b0=+b0;return b0===-1?this.slice(b0):this. slice(b0,b0+1)}, first:function(){return this.eq(0)}, last:function(){return this.eq(-1)}, slice:function(){ urn this.pushStack(bK.apply(this,arguments), "slice",bK.call(arguments).join(","))}, map:function(b0){return this.pushStack(bF.map(this,function(b2,b1){return b0.call(b2,b1,b2)}))},end:function(){return this.prevObject| |this.constructor(null)},push:bz,sort:[].sort,splice:[].splice};bF.fn.init.prototype=bF.fn;bF.extend=bF.fn. extend=function(){var b9,b2,b0,b1,b6,b7,b5=arguments[0]||{},b4=1,b3=arguments.length,b8=false;if(typeof b5==="boolean"){b8=b5;b5=arguments[1]||{},b4=2}if(typeof b5!=="object"&&!bF.isFunction(b5)){b5={}}if(b3===b4){b5=} this; --b4) for (; b4<b3; b4++) {if ((b9=arguments[b4])!=null) {for (b2 in b9) {b0=b5[b2]; b1=b9[b2]; if (b5===b1) {

```
continue}if(b8&&b1&&(bf.isPlainObject(b1)||(b6=bf.isArray(b1)))){if(b6){b6=false;b7=b0&&bf.isArray(b0)?b0:[]}else{
b7=b0&bF.isPlainObject(b0)?b0:{}}b5[b2]=bF.extend(b8,b7,b1)}else(if(b1!==L){b5[b2]=b1}}}}preturn b5);bF.extend({noConflict:function(b0)}{if(bb.$===bF)}{bb.$=bH}if(b0&&bb.jQuery===bF){bb.jQuery=bU}return bF},isReady:
 false, readyWait:1, holdReady:function(b0){if(b0){bF.readyWait++}else(bF.ready(true)}}, ready:function(b0){if((b0)
 ===true&&!--bF.readyWait)||(b0!==true&&!bF.isReady)){if(!av.body){return setTimeout(bF.ready,1)}bF.isReady=
 true; if (b0!==true&&--bF.readyWait>0) {return}bC.fireWith(av,[bF]); if (bF.fn.trigger) {bF(av).trigger("ready").
off("ready")}}},bindReady:function(){if(bC){return}bC=bF.Callbacks("once memory");if(av.readyState==="complete
 ") {return setTimeout (bF.ready, 1) } if (av.addEventListener) {av.addEventListener("DOMContentLoaded", e, false);
bb.addEventListener("load",bf.ready,false)}else{if(av.attachEvent){av.attachEvent("onreadystatechange",e);
bb.attachEvent("onload",bF.ready); var b0=false; try{b0=bb.frameElement==null}catch(b1){} if(av. documentElement.doScroll&&b0){bw()}}}, isFunction:function(b0){return bF.type(b0)==="function"}, isArray:Array.isArray||
 function(b0){return bF.type(b0)==="array"},isWindow:function(b0){return b0&&typeof b0==="object"&&"setInterval"
     in b0}, isNumeric:function(b0){return !isNaN(parseFloat(b0))&&isFinite(b0)}, type:function(b0){return b0=
 null?String(b0):bx[bL.call(b0)]||"object"},isPlainObject:function(b2){if(!b2)|bF.type(b2)!=="object"||b2.
 nodeType||bF.isWindow(b2)){return false}try{if(b2.constructor&&!bG.call(b2,"constructor")&&!bG.all(b2.constructor
prototype, "isPrototype0f") {return false}catch(bl) {return false}var b0; for (b0 in b2) {}return b0==

L||bG.call(b2,b0)}, isEmptyObject:function(b1) {for (var b0 in b1) {return false}return true}, error:function(b0) {throw new Error(b0)}, parseJSON:function(b0) {if (typeof b0!=="string"||!b0) {return null}b0=bF.trim(b0); if (bb.JSON&&bb.JSON.parse) {return bb.JSON.parse(b0)}if (bN.test(b0.replace(bW, "@").replace(bP,"]").replace(bJ,"
  "))){return(new Function("return "+b0))()}bF.error("Invalid JSON: "+b0)},parseXML:function(b2){var b0,b1;try
  {if(bb.DOMParser){b1=new DOMParser();b0=b1.parseFromString(b2,"text/xml")}else{b0=new ActiveXObject("
Microsoft.XMLDOM");b0.async="false";b0.loadXML(b2)}}catch(b3){b0=L}if(!b0||!b0.documentElement||b0.getElementsByTagName("parsererror").length){bF.error("Invalid XML: "+b2)}return b0},noop:function(){},globalEval:function(b1){if(b0&&bM.test(b0))}(bb.execScript||function(b1){bb["eval"].call(bb,b1)})(b0)}},camelCase:function(b0){
  return b0.replace(bZ, "ms-").replace(bB,bT)}, nodeName:function(b1,b0){    return b1.nodeName&&b1.nodeName.
 toUpperCase() ===b0.toUpperCase()},each:function(b3,b6,b2){var b1,b4=0,b5=b3.length,b0=b5===
  L | | bF. isFunction(b3); \\  if(b2) \{ if(b0) \{ for(b1 in b3) \{ if(b6.apply(b3[b1], b2) = = false) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break \} \} \\  else \{ for(; b4 < b5;) \{ break
 if (b6.apply(b3[b4++],b2) ===false) {break}}}}else{if(b0){for(b1 in b3){if(b6.call(b3[b1],b1,b3[b1]) ===false)}
"function"||b2==="regexp"||bF.isWindow(b3)) {bz.call(b0,b3)}else{bF.merge(b0,b3)}}return b0}, inArray:
 function(b2,b3,b1) {var b0; if(b3) {if(bv) {return bv.call(b3,b2,b1)}b0=b3.length;b1=b1?b1<0?Math.max(0,b0+b1):b1:0;
  for(;b1<b0;b1++){if(b1 in b3&&b3[b1]===b2){return b1}}}return -1}, merge:function(b4,b2){var b3=b4.length,b1=0
  ;if(typeof b2.length==="number"){for(var b0=b2.length;b1<b0;b1++){b4[b3++]=b2[b1]}}else{while(b2[b1]!==
L) {b4[b3++]=b2[b1++]} b4.length=b3;return b4], grep;function(b1,b6,b0) {var b2=[1,b5;b0=!!b0;for(var b3=0,b4=b1.length;b3<b4;b3++) {b5=!!b6(b1[b3],b3);if(b0!==b5) {b2.push(b1[b3])}}return b2}, map:function(b0,b7,b8) {var b5,b6,b4=[1,b2=0,b1=b0.length,b3=b0 instanceof bF||b1!==L&&typeof b1==="number"&&((b1>0&&b0[0]&&b0[b1-1])||
 b1===0||bF.isArray(b0));if(b3){for(;b2<b1;b2++){b5=b7(b0[b2],b2,b8);if(b5!=null){b4[b4.length]=b5}}}else{for(
 b6 in b0) {b5=b7(b0[b6],b6,b8); if(b5!=null) {b4[b4.length]=b5}}}return b4.concat.apply([],b4)},guid:1,proxy:
 function(b4,b3){if(typeof b3==="string"){var b2=b4[b3];b3=b4;b4=b2}if(!bF.isFunction(b4)){re
L}var b0=bK.call(arguments,2),b1=function(){return b4.apply(b3,b0.concat(bK.call(arguments)))};b1.guid=b4.
guid=b4.guid||bf.guid||bf.guid+;return b1},access:function(b0,b8,b6,b2,b5,b7){var b1=b0.length;if(typeof b8 ==="object"){for(var b3 in b8){bf.access(b0,b3,b8[b3],b2,b5,b6)}return b0}if(b6!==
 L) {b2=!b7&&b2&&bF.isFunction(b6); for(var b4=0; b4<b1; b4++) {b5(b0[b4], b8, b2?b6.call(b0[b4], b4, b5(b0[b4], b8)):
b6,b7)}return b0}return b1?b5(b0[0],b8):L},now:function(){return(new Date()).getTime()},uaMatch:function(b1)
   \{b1=b1.toLowerCase(); var\ b0=by.exec(b1) \mid |bR.exec(b1)| |bQ.exec(b1)| |b1.indexOf("compatible") < 0 \% bS.exec(b1)| | []; return \{browser:b0[1]||"", version:b0[2]||"0"\}\}, sub:function() \{function\ b0(b3,b4) \{return\ new\ b0.fn.init(b3,b4)\}, sub:function() \{function\ b0(b3,b4)\}, sub:function()
b4) }bF.extend(true,b0,this);b0.superclass=this;b0.fn=b0.prototype=this();b0.fn.constructor=b0;b0.sub=this.
 sub; b0.fn.init=function b2(b3,b4){if(b4&&b4 instanceof bF&&!(b4 instanceof b0)){b4=b0(b4)}return bF.fn.init.
Standard Distriction Body, 11 (Braud Instanced Brain B
 ); bV=bF.uaMatch(bX); if (bV.browser) {bF.browser[bV.browser]=true; bF.browser.version=bV.version} if (bF.browser.bv.browser) {bF.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.browser.bv.b
 \label{lem:webkit} $$ \browser.safari=true$ if (bM.test("\xA0")) $$ bI=/^[\s\xA0]+/;bE=/[\s\xA0]+$, $$ bD=bF(av); if (av. addEventListener) $$ e=function() {av.removeEventListener("DOMContentLoaded",e,false); bF.ready()} e=function() {if (av.readyState==="complete") {av.detachEvent("onreadystatechange",e); bF.ready()}} $$ function bw
  () {if (bF.isReady) {return}try{av.documentElement.doScrol1("left")}catch(b0) {setTimeout(bw,1);return}bF.ready(
 ) return bF}) (); var a2={}; function X(e) \{ var bv=a2[e]={}, bw, bx; e=e.split(/\s+/); for (bw=0, bx=e.length; bw < bx; bw < b
  ++) {bv[e[bw]]=true}return bv}b.Callbacks=function(bw) {bw=bw?(a2[bw]||X(bw)):{};var bB=[],bC=[],bx,by,bv,bz,
bA,bE=function(bF) {var bG,bJ,bI,bH,bK; for(bG=0,bJ=bF.length;bG<bJ;bG++) {bI=bF[bG];bH=b.type(bI); if(bH==="array") {bE(bI)}else{if(bH==="function") {if(!bw.unique||!bD.has(bI)) {bB.push(bI)}}}},e=
 function (bG, bF) {bF=bF||[];bx=!bw.memory||[bG,bF];by=true;bA=bv||0;bv=0;bz=bB.length;for(;bB&&bA<bz;bA++){if(
 bB[bA].apply(bG,bF)===false&&bw.stopOnFalse){bx=true;break}}by=false;if(bB){if(!bw.once){if(bC&&bC.length){
 bx=bC.shift(); bD.fireWith(bx[0],bx[1])\}\\ else\{if(bx===true)\{bD.disable()\}\\ else\{bB=[]\}\}\}, bD=\{add:function()\{if(base=bB=bB)\}\\ else\{bB=bB)\}\\ else\{bB)\}\\ else\{bB)\}\\ else\{bB=bB)\}\\ else\{bB)\}\\ else(bB)\}\\ else\{bB)\}\\ else\{bB)\}\\ else\{bB)\}\\ else(bB)\}\\ else\{bB)\}\\ else\{bB)\}\\ else(bB)\}\\ else(bB)\}\\
bB) {var bF=bB.length;bE(arguments);if(by) {bz=bB.length}else{if(bx&&bx!==true) {bv=bF;e(bx[0],bx[1])}}}return
 this\}, remove: function() \\ \{if(bB) \\ \{var bF=arguments, bH=0, bI=bF.length; \\ for(; bH<bI; bH++) \\ \{for(var bG=0; bG<bB.length, bH=0, bI=bF.length, bH=0, bI=bF.len
;bG++) {if (bF[bH]===bB[bG]) {if (by) {if (bG<=bz) {bz--; if (bG<=bA) {bA--}}}bB.splice (bG--,1); if (bw.unique) {break}}}}return this}, has:function (bG) {if (bB) {var bF=0,bH=bB.length; for (;bF<bH;bF++) {if (bG===bB[bF]) {return true}}}}
 return false},empty:function(){bB=[];return this},disable:function(){bB=bC=bx=L;return this},disabled:
  function(){return!bB},lock:function(){bC=L;if(!bx||bx===true){bD.disable()}return this},locked:function(){return
  !bC\}, fireWith: function(bG,bF) \\ \{ if(bC) \\ \{ if(by) \\ \{ if(!bw.once) \\ \{ bC.push([bG,bF]) \\ \} \\ else \\ \{ if(!(bw.once\& bx)) \\ \{ e(bG,bF) \\ \} \\ \} \\ else \\ \{ if(!(bw.once\& bx)) \\ \{ e(bG,bF) \\ \} \\ \} \\ else \\ \{ if(!(bw.once\& bx)) \\ \{ e(bG,bF) \\ \} \\ \} \\ else \\ \{ if(!(bw.once\& bx)) \\ \{ e(bG,bF) \\ \} \\ \} \\ else \\ \{ if(!(bw.once\& bx)) \\ \{ e(bG,bF) \\ \} \\ \} \\ else \\ \{ if(!(bw.once\& bx)) \\ \{ e(bG,bF) \\ \} \\ \} \\ else \\ \{ if(!(bw.once\& bx)) \\ \} \\ \{ e(bG,bF) \\ \} \\ \} \\ \{ e(bG,bF) \\ \} \\ \{ e(
  }}return this},fire:function(){bD.fireWith(this,arguments);return this},fired:function(){return !!bx}};
return bD}; var aJ=[].slice; b.extend({Deferred:function(by) {var bx=b.Callbacks("once memory"), bw=b.Callbacks("once memory"), bv=b.Callbacks("memory"), e="pending", bA={resolve:bx,reject:bw,notify:bv},bC={
    done:bx.add,fail:bw.add,progress:bv.add,state:function() {return e},isResolved:bx.fired,isRejected:bw.fired,then
 :function(bE, bD, bF) {bB.done(bE).fail(bD).progress(bF); return this}, always:function() {bB.done.apply(bB,
 arguments).fail.apply(bB,arguments);return this},pipe:function(bF,bE,bD){return b.Deferred(function(bG)}
 b.each({done:[bF, resolve"], fail:[bE, reject"], progress:[bD, "notify"]}, function(bI,bL){var bH=bL[0],bK=bL[1
],bJ;if(b.isFunction(bH)){bB[bI](function(){bJ=bH.apply(this,arguments);if(bJ&&b.isFunction(bJ.promise)}bJ.promise().then(bG.resolve,bG.reject,bG.notify)}else(bG[bK+"With"](this===bB?bG:this,[bJ])})}else{bB[bI](bG[bK])}})}promise()},promise:function(bE){if(bE==null){bE=bC}else{for(var bD in bC){bE[bD]=bC[bD]}}return bE}},bB=bC.promise({}}),bz;for(bz in bA){bB[bz]=bA[bz].fire;bB[bz+"With"]=bA[bz].fireWith}bB.done(function(){e="resolved"},bw.disable,bv.lock);if(by){by.call(bB,bB)}
  return bB}, when: function(bA) {var bx=aJ.call(arguments,0),bv=0,e=bx.length,bB=new Array(e),bw=e,by=e,bC=e<=1&&bA&
 &b.isFunction(bA.promise)?bA:b.Deferred(),bE=bC.promise();function bD(bF){return function(bG){bx[bF]=
 arguments.length > 1?aJ.call(arguments, 0): bG; \\ if(!(--bw)) \\ \{bC.resolveWith(bC,bx)\} \\ \} \\ function bz(bF) \\ \{return function(bG) \\ 
 bB[bF]=arguments.length>1?aJ.call(arguments,0):bG;bC.notifyWith(bE,bB)}}if(e>1){for(;bv<e;bv++){if(bx[bv]&&
```

```
bx[bv].promise&&b.isFunction(bx[bv].promise)){bx[bv].promise().then(bD(bv),bC.reject,bz(bv))}else{--bw}}if(!
 bw) {bC.resolveWith(bC,bx)}}else{if(bC!==bA){bC.resolveWith(bC,e?[bA]:[])}}return bE}});
tbody:!bv.getElementsByTagName("tbody").length,htmlSerialize:!!bv.getElementsByTagName("link").length,style:/
top/.test(bF.getAttribute("style")), hrefNormalized:(bF.getAttribute("href")==="/a"), opacity:/^0.55/.test(bF.style.opacity), cssFloat:!!bF.style.cssFloat, checkOn: (bE.value==="on"), optSelected:bx.selected, getSetAttribute:bv.className!=="t", enctype:!!av.createElement("form").enctype, html5Clone:av.createElement("nav").cloneNode(true).outerHTML!=="<:nav></:nav>", submitBubbles:true, changeBubbles:true, focusinBubbles:false, deleteExpando:
 true, noCloneEvent:true, inlineBlockNeedsLayout:false, shrinkWrapBlocks:false, reliableMarginRight:true}; bE.
 checked=true; bJ.noCloneChecked=bE.cloneNode(true).checked; bG.disabled=true; bJ.optDisabled=!bx.disabled; try{delete
    bv.test\} \\ \underbrace{catch}_{(bC)} \\ \\ \{bJ.deleteExpando=false\} \\ \underbrace{if}_{(!bv.addEventListener\&\&bv.attachEvent\&\&bv.fireEvent)} \\ \{bv.test\} \\ \underbrace{catch}_{(bC)} \\ \{bJ.deleteExpando=false\} \\ \underbrace{if}_{(!bv.addEventListener\&\&bv.attachEvent\&\&bv.fireEvent)} \\ \{bv.test\} \\ \underbrace{catch}_{(bC)} \\ \{bJ.deleteExpando=false\} \\ \underbrace{if}_{(!bv.addEventListener\&\&bv.attachEvent\&\&bv.fireEvent)} \\ \{bv.test\} \\ \underbrace{catch}_{(bC)} \\ \{bJ.deleteExpando=false\} \\ \underbrace{if}_{(bC)} \\ \underbrace{catch}_{(bC)} \\ \underbrace{catch}_
attachEvent("onclick",function(){bJ.noCloneEvent=false});bv.cloneNode(true).fireEvent("onclick")}bE=av.createElement("input");bE.value="t";bE.setAttribute("type","radio");bJ.radioValue=bE.value==="t";bE.setAttribute("checked")
  ", "checked"); bv.appendChild(bE); bD=av.createDocumentFragment(); bD.appendChild(bv.lastChild); bJ.checkClone=bD
 .cloneNode(true).cloneNode(true).lastChild.checked;bJ.appendChecked=bE.checked;bD.removeChild(bE);bD.
 appendChild(bv); bv.innerHTML=""; if(bb.getComputedStyle) {bA=av.createElement("div"); bA.style.width="0"; bA.style.
 marginRight="0";bv.style.width="2px";bv.appendChild(bA);bJ.reliableMarginRight=(parseInt((
bb.getComputedStyle(bA,null) \mid \mid \{marginRight:0\}\}). \\ marginRight, 10) \mid \mid 0 \} = = 0 \\ \} \\ if(bv.attachEvent) \\ \{for(by in \{submit all bases and bases are all bases are
  :1,change:1,focusin:1}){bB="on"+by;bw=(bB in bv); if(!bw){bv.setAttribute(bB,"return;");bw=(typeof bv[bB]===
 function") }bJ[by+"Bubbles"]=bw}}bD.removeChild(bv);bD=bG=bx=bA=bv=bE=null;b(function(){var bM,bU,bV,bT,bN,bO,bB,bR,e,bP,bQ=av.getElementsByTagName("body")[0];if(!bQ){return}bL=1;bS="
 position:absolute;top:0;left:0;width:1px;height:1px;margin:0;";bR="visibility:hidden;border:0;";e="style='"+bS+"border:
      #000;padding:0;'";bP="<div "+e+"><div></div></div><table "+e+" cellpadding='0'
     \texttt{cellspacing='0'><} \texttt{tr}><\texttt{td}></\texttt{td}></\texttt{tr}><\texttt{td}>=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{voishe}=\texttt{vois
"px";bQ.insertBefore(bM,bQ.firstChild);bv=av.createElement("div");bM.appendChild(bv);bv.innerHTML="
table>table>tdstple='padding:0;border:0;display:none'>td>td>tb=(bz[0].offsetHeight===0);bz[0].style.display="";bz[1].style.display="none";bJ.reliableHiddenOffsets=bw&&
(bz[0].offsetHeight===0);bv.innerHTML="";bv.style.width=bv.style.paddingLeft="lpx";
 b.boxModel=bJ.boxModel=bv.offsetWidth===2; if (typeof bv.style.zoom!=="undefined") {bv.style.display="inline";
\verb|bv.style.zoom=1;bJ.inlineBlockNeedsLayout=(bv.offsetWidth===2);bv.style.display="";bv.innerHTML="<divolution of the content of the conten
 style='width:4px;'></div>";bJ.shrinkWrapBlocks=(bv.offsetWidth!==2)}bv.style.cssText=bS+bR;bv.innerHTML=bP;bU=bv.firstChild;bV=bU.firstChild;bN=bU.nextSibling.firstChild.firstChild;bO={doesNotAddBorder:(bV.offsetTop!==5),
doesAddBorderForTableAndCells: (bN.offsetTop===5));bV.style.position="fixed";bV.style.top="720px";b0.
fixedPosition=(bV.offsetTop===20||bV.offsetTop===15);bV.style.position=bV.style.top="";bU.style.overflow="hidden";bU.
 style.position="relative"; b0.subtractsBorderForOverflowNotVisible=(bV.offsetTop===-5); b0.
function(e) {e=e.nodeType?b.cache[e[b.expando]]:e[b.expando];return !!e&&!S(e)},data:function(bx,bv,bz,by) {if(!b.acceptData(bx)) {return}var bG,bA,bD,bE=b.expando,bC=typeof bv==="string",bF=bx.nodeType,e=bF?bx.cache:bx,bw=bF?bx[bE]:bx[bE]&&bE=bv==="events";if((!bw||!e[bw]||(!bB&&!by&&!e[bw].data))&&bC&&bz===
L) {return}if(!bw) {if(bF) {bx[bE]=bw=++b.uuid}else{bw=bE}}if(!e[bw]) {e[bw]={};if(!bF) {e[bw].toJSON=b.noop}}if(typeof bv==="object"||typeof bv==="function") {if(by) {e[bw]=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}else{e[bw].data=b.extend(e[bw],bv)]}el
b.extend(e[bw].data,bv)}}bG=bA=e[bw];if(!by){if(!bA.data){bA.data={}}bA=bA.data}if(bz!=
 L) {bA[b.camelCase(bv)]=bz}if(bB&&!bA[bv]){return bG.events}if(bC){bD=bA[bv];if(bD==null){bD=bA[bv]};
b.camelCase(bv)]}}else{bb=bA}return bD}, removeData:function(bx,bv,by){if(!b.acceptData(bx)){return}var bB, bA,bz,bC=b.expando,bD=bx.nodeType,e=bD?b.cache:bx,bw=bD?bx[bC]:bC;if(!e[bw]){return}if(bv){bB=by?e[bw]:e[bw].
data;if(bB){if(!b.isArray(bv)){if(bv in bB){bv=[bv]}else{bv=b.camelCase(bv);if(bv in bB){bv=[bv]}else{bv=bv.split(" ")}}for(bA=0,bz=bv.length;bA<bz;bA++){delete bB[bv[bA]]}if(!(by?S:b.isEmptyObject)(bB)){return}}}if</pre>
(!by) {delete e[bw].data;if(!S(e[bw])) {return}} if (b.support.deleteExpando||!e.setInterval) {delete e[bw]}else {e[bw]=null}if(bD) {if(b.support.deleteExpando) {delete bx[bC]}else {if(bx.removeAttribute) {bx.removeAttribute(bC)}else {bx[bC]=null}}}},_data:function(bv,e,bw) {return b.data(bv,e,bw,true)},acceptData:function(bv) {if(bv.bw,bw,true)}}
nodeName) {var e=b.noData[bv.nodeName.toLowerCase()]; if (e) {return ! (e===true | bv.getAttribute("classid")!==e) }
   }return true}});b.fn.extend({data:function(by,bA){var bB,e,bw,bz=null;if(typeof by==="undefined"){if(this.
 length) {bz=b.data(this[0]); if(this[0].nodeType===1&&!b._data(this[0],"parsedAttrs")) {e=this[0].attributes; for(
reign; (bz=b.data(this[0]), if (this[0].hoder)pe---lawib._data(this[0]), parsedattris ) (return bx=0, bv=e.length; bx<by; bx++) {bw=e [bx].name; if (bw:n.indexOf("data-")===0) {bw=b.camelCase(bw.substring(5)); a5(this[0], bw, bz[bw])}}}._data(this[0], "parsedAttrs", true))}return bz}else{if (typeof by==="object") {return bx:each(function() {b.data(this,by)})}}bB=by.split("."); bB[1]=bB[1]?"."+bB[1]:""; if (bA=== L) {bz=this.triggerHandler("getData"+bB[1]+"!", [bB[0]]); if (bz===L&&this.length) {bz=b.data(this[0],by); bz=a5(this[0],by,bz)}return bz===L&&bB[1]?this.data(bB[0]):bz}else{return this.}
 each(function(){var bC=b(this),bD=[bB[0],bA];bC.triggerHandler("setData"+bB[1]+"!",bD);
\verb|b.data(this,by,bA); bC.triggerHandler("changeData"+bB[1]+"!",bD)|)|, removeData:function(e) \\ \{return this.equal this
by==="false"?false:by==="null"?null:b.isNumeric(by);parseFloat (by):aS.test(by):by=astIng (by):by}catch(bz){} b.data(bx,bw,by)}else{by=L}}return by}function S(bv){for(var e in bv){if(e==="data"&&
b.isEmptyObject(bv[e])){continue}if(e!=="toJSON"){return false}}return true}function bi(by,bx,bA){var bw=bx +"defer",bv=bx+"queue",e=bx+"mark",bz=b._data(by,bw);if(bz&&(bA==="queue"||!b._data(by,bv))&&(bA==="mark"||!
(bx,e)||1)-1);if(bw){b._data(bx,e,bw)}else{b.removeData(bx,e,true);bi(bx,bv,"mark")}}},queue:function(bv,e,
 bx) {var bw; if (bv) {e=(e||"fx")+"queue";bw=b._data(bv,e);if(bx) {if(!bw||b.isArray(bx)) {bw=b._data(bv,e);if(bx) {bw=b._data(bv
b__data(by,e,b.makeArray(bx))}else(bw.push(bx)}frum bw||[]}, dequeue:function(by,bx){bx=bx||"fx";var bv=b.queue(by,bx),bw=bv.shift(),e={};if(bw==="inprogress"){bw=bv.shift()}if(bw){if(bx==="fx"){bv.unshift("inprogress")}b._data(by,bx+".run",e);bw.call(by,function(){b.dequeue(by,bx)},e)}if(!bv.length){b.removeData(by,bx+"queue "+bx+".run",true);bi(by,bx,"queue")}}});b.fn.extend({queue:function(e,bv){if(
typeof e!=="string"|{bv=e;e="fx"}if(bv===L){return b.queue(this[0],e)}return this.
each(function(){var bw=b.queue(this,e,bv);if(e==="fx"&&bw[0]!=="inprogress"){b.dequeue(this,e)}})},dequeue:
 function(e) {return this.each(function() {b.dequeue(this,e)})},delay:function(bv,e) {bv=
b.fx?b.fx.speeds[bv]||bv:bv;e=e||"fx";return this.queue(e, function(bx, bw) {var by=setTimeout(bx, bv);bw.stop=function() {clearTimeout(by)}}),clearQueue:function(e) {return this.queue(e||"fx",[])},promise:function(bD, bw)}(if(typeof bD!=="string") {bw=bD;bD=L}bD=bD||"fx";var e=b.Deferred(),bv=this,by=bv.length,bB=1,bz=bD+"defer"
```

```
\label{eq:basic_point} $$ bA=bD^* = -bD^* = 
 b.data(bv[by],bz,L,true)||(b.data(bv[by],bA,L,true)||b.data(bv[by],bC,L,true))&&
b. data(bv[by], bz, b. Callbacks("once memory"), true))) \\ \{bB++; bx. add(bE)\} \} bE(); return e.promise()\}); var aP=/[ \\ \\ \{cht^{g}, af=/\\s+/, aU=/\\r/g, g=/^(?:button|input)\} / (?:button|input|object|select|textarea)\} / (approximate of the property of 
 )?\$/i, ao = /^(?: autofocus | autoplay | async| checked | controls | defer| disabled | hidden | loop | multiple | open| readonly | ope
 required|scoped|selected)$/i,F=b.support.getSetAttribute,be,aY,aF;b.fn.extend({attr:function(e,bv){return b.ac
 cess(this,e,bv,true,b.attr)},removeAttr:function(e){return this.each(function(){b.removeAttr(this,e)})},prop
  :function(e,bv){return b.access(this,e,bv,true,b.prop)},removeProp:function(e){e=
 b.propFix[e]||e;return this.each(function(){try{this[e]=L;delete this[e]}catch(bv){}})},addClass:function(
b.py {var bA, bw, bz, bz, bB, e; if (b.isFunction(by)) {return this.each(function(bC) {b(this).addClass(by.call(this, bC, this.className))}) } if (by&&typeof by=="string") {bA=by.split(af); for (bw=0, bv=this.length; bw<by; bw++) {bx=this[bw]; if (bx.nodeType===1) {if (!bx.className&&bA.length===1) {bx.className=by}else{bz=" "+bx.className+" "; for (bB=0, e=bA.length; bB<e; bB++) {if (!~bz.indexOf(" "+bA[bB]+" ")) {bz+=bA[bB]+" "}}bx.className=
 b.trim(bz)}}}return this},removeClass:function(bz){var bA,bw,bv,by,bx,bB,e;if(b.isFunction(bz)){return
 ===L\{bA=(bz||"").split(af); for (bw=0, bv=this.length; bw<by; bw++) {by=this[bw]; if (by.nodeType===1&&by.className=) } if (bz) {bx=(" "+by.className+" ").replace(aP, " "); for (bB=0, e=bA.length; bB<e; bB++) {bx=bx.replace(" "+bA[bB]+" "," ")} by.className=b.trim(bx)} else{by.className=""}}}}return this, toggleClass:function(bx,bv) {var bw=typeof bx,e=typeof bv==="boolean"; if (b.isFunction(bx)) {return this.each(function(by))}
 b(this).toggleClass(bx.call(this,by,this.className,bv),bv)})}return this.each(function(){if(bw==="string"){
 var bA,bz=0,by=b(this),bB=bv,bC=bx.split(af);while((bA=bC[bz++])){bB=e?bB:!by.hasClass(bA);by[bB?"addClass":
"removeClass"](bA)}}else{if(bw==="undefined"||bw==="boolean"){if(this.className)}
b_data(this,"__className__",this.className)}this.className=this.className||bx===false?"":
b_data(this,"__className__")||""}})},hasClass:function(e){var bx=" "+e+" ",bw=0,bv=this.length;for(;bw<by;bw++){if(this[bw].nodeType===1&&(" "+this[bw].className+" ").replace(aP," ").indexOf(bx)>-1){return true}}
  return false},val:function(bx){var e,bv,by,bw=this[0];if(!arguments.length){if(bw){e=
b.valHooks[bw.nodeName.toLowerCase()]||b.valHooks[bw.type];if(e&&"get" in e&&(bv=e.get(bw,"value"))!==L){return bv}bv=bw.value;return typeof bv==="string"?bv.replace(aU,""):bv==null?"":bv}return}by=
b.isFunction(bx); return this.each (function(bA) {var bz=b(this),bB;if(this.nodeType!==1) {return|if(by) {bB=bx.call(this,bA,bz.val())}else{bB=bx}if(bB==null) {bB=""}else{if(typeof bB==="number") {bB+=""}else{if(bb.isArray(bB)) {bB=b.map(bB,function(bC) {return bC==null?"":bC+""})}}e=b.valHooks[this.nodeName.toLowerCase]
  b.extend({valHooks:{option:{get:function(e){var bv=e.attributes.value;return !bv||bv.specified?e.value:e.
 text}},select:{get:function(e){var bA,bv,bz,bx,by=e.selectedIndex,bB=[],bC=e.options,bw=e.type==="select-one";
if (by<0) {return null}bv=bw?by:0;bz=bw?by+1:bC.length;for(;bv<bz;bv++) {bx=bC[bv];if(bx.selecte&&&(b.support.optDisabled?!bx.disabled:bx.getAttribute("disabled")===null)&&(!bx.parentNode.disabled||!b.nodeName(bx.parentNode, "optgroup"))) {bA=b(bx).val();if(bw) {return bA}bB.push(bA)}}if(bw&&!bB.length&&bC.length) {return b(bC[by]).val()}return bB},set:function(bv,bw) {var e=b.makeArray(bw);
 b(bv).find("option").each(function(){this.selected=b.inArray(b(this).val(),e)>=0});if(!e.length){bv.
 selectedIndex=-1}return e}}},attrFn:{val:true,css:true,html:true,text:true,data:true,width:true,height:true,offset:
 true},attr:function(bA,bx,bB,bz){var bw,e,by,bv=bA.nodeType;if(!bA||bv===3||bv===8||bv===2){return}if(bz&&bx
in b.attrFn) {return b(bA) [bX] (bB) } if (typeof bA.getAttribute==="undefined") {return
b.prop(bA,bx,bB) } by=bv!==1||!b.isXMLDoc(bA); if (by) {bx=bx.toLowerCase(); e=b.attrHooks[bx]|| (ao.test(bx)?aY:
L) {return bw}else{bA.setAttribute(bx,""+bB);return bB}}}else{if(e&&"get" in e&&by&&(bw=e.get(bA,bx))!==null)}
 ) {return bw}else{bw=bA.getAttribute(bx);return bw===null?L:bw}}},removeAttr:function(bx,bz){var by,bA,bv,e,
bw=0;if(bz&&bx.nodeType===1){bA=bz.toLowerCase().split(af);e=bA.length;for(;bw<e;bw++){bv=bA[bw];if(bv){by=b.propFix[bv]||bv;b.attr(bx,bv,"");bx.removeAttribute(F?bv:by);if(ao.test(bv)&&by in bx){bx[by]=false)}}},
attrHooks:{type:{set:function(e,bv){if(g.test(e.nodeName)&&e.parentNode){b.error("type property can't be changed")}else{if(!b.support.radioValue&&bv==="radio"&&b.nodeName(e,"input")){var bw=e.value;e.setAttribute("type",bv);if(bw){e.value=bw}return bv}}},value:{get:function(bv,e){if(be&&b.nodeName(bv,"button")){return be.</pre>
 get(bv,e)}return e in bv?bv.value:null},set:function(bv,bw,e){if(be&&b.nodeName(bv,"button")){return be.set(
bz[bx]}}}},propHooks:{tabIndex:{get:function(bv){var e=bv.getAttributeNode("tabindex");return e&&e.specified
 ?parseInt(e.value,10):D.test(bv.nodeName)||l.test(bv.nodeName)&&bv.href?0:L}}}});
 b.attrHooks.tabindex=b.propHooks.tabIndex;aY={get:function(bv,e){var bx,bw=b.prop(bv,e);return bw===true||
 typeof bw!=="boolean"&&(bx=bv.getAttributeNode(e))&&bx.nodeValue!==false?e.toLowerCase():
 L}, set:function(bv,bx,e) {var bw; if(bx===false) {b.removeAttr(bv,e)}else {bw=b.propFix[e]||e; if(bw in bv) {bv[
 bw]=true}bv.setAttribute(e,e.toLowerCase())}return e}};if(!F){aF={name:true,id:true};be=
 b.valHooks.button={get:function(bw,bv){var e;e=bw.getAttributeNode(bv);return e&&(aF[bv]?e.nodeValue!=="":e
 .specified) ?e.nodeValue:L), set:function(bw,bx,bv) {var e=bw.getAttributeNode(bv); if(!e) {e=av.createAttribute(bv); bw.setAttributeNode(e)} return(e.nodeValue=bx+"")}}; b.attrHooks.tabindex.set=be.set;
b.each(["width", "height"], function(bv,e) {b.attrHooks[e]=b.extend(b.attrHooks[e], {set:function(bw,bx) {if (bx==="") {bw.setAttribute(e, "auto"); return bx}}})); b.attrHooks.contenteditable={get:be.get, set:function(bv,bw,e)}
 ) {if (bw==="") {bw="false"}be.set(bv,bw,e)}}if(!b.support.hrefNormalized) {b.each(["href","src","width",
 height"], function(bv,e) {b.attrHooks[e]=b.extend(b.attrHooks[e], {get:function(bx) {var bw=bx.getAttribute(e,2); retu
  \begin{tabular}{ll} rn \begin{tabular}{ll} bw===null?L:bw\})))if(!b.support.style) $\{b.attrHooks.style=\{get:function(e) \{return e.style.cssText-toLowerCase() | |L}, set:function(e, bv) \{return(e.style.cssText=""+bv) \}\}if(!b.support.optSelected) $\{b.attrHooks.style=\{get:function(e) \{return e.style.cssText=""+bv) \}\}if(!b.support.optSelected) $\{b.attrHooks.style=\{get:function(e) \{return e.style.cssText=""+bv) \}\}if(!b.support.optSelected) $\{b.attrHooks.style=\{get:function(e) \{return e.style.cssText=""+bv) \}\}if(!b.support.optSelected) $\{b.attrHooks.style=\{get:function(e) \{return e.style.cssText=""+bv] \}\}if(!b.support.optSelected) $\{b.attrHooks.style=\{get:function(e) \{return e.style=get:function(e) \{return e.style=get
 b.propHooks.selected=b.extend(b.propHooks.selected,{get:function(bv){var e=bv.parentNode;if(e){e.selectedIn
 dex,if(e.parentNode) {e.parentNode.selectedIndex}}return null}))}if(!b.support.enctype) {
b.propFix.enctype="encoding"}if(!b.support.checkOn) {b.each(["radio", "checkbox"], function() {
 b.valHooks[this]={get:function(e){return e.getAttribute("value")===null?"on":e.value}}})}
b.valHooks[this]={get:Function(e){return e.getAttribute("Value")===null?"on":e.Value}}}} 
b.each(["radio", "checkbox"], function() {b.valHooks[this]=b.extend(b.valHooks[this], {set:function(e,bv) {if(b.isArray(bv)) {return(e.checked=b.inArray(b(e).val(),bv)>=0)}})); var bd=/^(?:textarea|input|select)$/i,n=/^([^\.]*)?(?:\.(.+))?$,/J=/\bhover(\.\s+)?/,ao=/^key/,bf=/^(?:mouse|contextmenu||click/,T=/^(?:focusinfocus|focusoutblur)$/,U=/^(\w*)(?:#([\w\-]+))?(?:\.([\w\-]+))?$/,Y=function(e) {var bv=U.exec(e);if(bv) {bv[1]=(bv[1]||"").toLowerCase();bv[3]=bv[3]&&new RegExp("(?:^\|\s")"+bv[3]+"(?:\\s|$)")}return bv},j=function(bw,e) {var bv=bw.attributes||{};return((!e[1]||bw.nodeName.toLowerCase()===e[1])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value==e[2])&&(!e[2]||(bv.id||{}}).value===e[2])&&(!e[2]||(bv.id||{}}).value==e[2])&&(!e[2]||(bv.id||{}}).value==e[2])&&(!e[2]||(bv.id||{}}).value==e[2])&&(!e[2]||(bv.id||{}}).value==e[2])&&(!e[2]||(bv.id||{}}).value==e[2])&&(!e[2]||(bv.id||{}}).value==e[2])&&(!e[2]||(bv.id||{}}).value==e[2])&&(!e[2]||(bv.id||{}}).value==e[2])&&(!e[2]||(bv.id||{}}).value==e[2])&&(!e[2]||(bv.id||{}}).value==e[2])&&(!e[2]||(bv.id||{}}).value==e[2])&&(!e[2]||(bv.id||{}}
 e[3]||e[3].test((bv["class"]||{}).value)))},bt=function(e){return b.event.special.hover?e:e.replace(J,"
 mouseenter$1 mouseleave$1")};b.event={add:function(bx,bC,bJ,bA,by)(var bD,bB,bK,bI,bH,bF,e,bG,bv,bz,bw,bE;if(bx.
nodeType===3||bx.nodeType===8||!bC||!bJ||!(bD=b._data(bx))){return}if(bJ.handler){by=bJ;bJ=bv.handler}if(!bJ.
guid){bJ.guid=b.guid++}bK=bD.events;if(!bK){bD.events=bK={}}bB=bD.handle;if(!bB){bD.handle=bB=function(bL){
```

```
return typeof b!=="undefined"&&(!bL||b.event.triggered!==bL.type)?b.event.dispatch.apply(bB.elem,arguments):
 L};bB.elem=bx}bC=b.trim(bt(bC)).split(" ");for(bI=0;bI<bc.length;bI++){bH=n.exec(bC[bI])||[];bF=bH[1];e=(bH
large between the continuous continuous
 bx.attachEvent("on"+bF,bB)}}}}if(bE.add){bE.add.call(bx,bG);if(!bG.handler.guid){bG.handler.guid=bJ.guid}}id
  (by) {bw.splice(bw.delegateCount++,0,bg)}else(bw.push(bG)}b.event.global[bF]=true}bx=null},global:{},remo
 ** \&e.selector) \\ \{bD.splice(bG--,1); \\ if (e.selector) \\ \{bD.delegateCount--\} \\ if (by.remove) \\ \{by.remove.call(bJ,e)\} \} \} \\ \{bd.splice(bG--,1); \\ if (e.selector) \\ \{bd.delegateCount--\} \\ if (by.remove) \\ \{bd.splice(bJ-e)\} \\ \{bd.splice(bJ-e)\}
if (bD.length===0&&bA!==bD.length) {if (!by.teardown|by.teardown.call(bJ,bC)==false) {
b.removeEvent(bJ,bZ,bI.handle)} delete bw[bz]} if (b isEmptyObject(bw)) {bK=bI.handle; if (bK) {bK.elem=null}
b.removeData(bJ,["events", "handle"],true)}}, customEvent: {getData:true, setData:true, changeData:true}, trigger
:function(by,bD,bA,bJ) {if (bA&& (bA.nodeType==3|bA.nodeType==8)) {return|var bG=bv.type||bv,bx=[],e,bw,bC,bH
 ,bz,by,bF,bE,bB,bI; if (T.test(bG+b.event.triggered)) {return}if(bG.indexOf("!")>=0) {bG=bG.slice(0,-1);bw=true}
  if (bG.indexOf(".")>=0) {bx=bG.split(".");bG=bx.shift();bx.sort()}if((!bA||b.event.customEvent[bG])&&!
b.event.global[bG]){return}bv=typeof bv==="object"?bv[b.expando]?bv:new b.Event(bG,bv):new
b.Event(bG); bv.type=bG; bv.isTrigger=true; bv.exclusive=bw; bv.namespace=bx.join("."); bv.namespace_re=bv. namespace?new RegExp("(^\\\)"+bx.join("\\((?:.*\\.)?")+"(\\.|$)"):null; by=bG.indexOf(":")<0?"on"+bG:""; if(!bA) {e=b.cache; for(bC in e) {if(e[bC].events&&e[bC].events[bG]) {b.event.trigger(bv,bD,e[bC].handle.elem,true)}}
 return}bv.result=L;if(!bv.target) {bv.target=bA}bD=bD!=null?b.makeArray(bD):[];bD.unshift(bv);bF=
b. event. special [bG] || \{\}; if (bF.trigger\&\&bF.trigger.apply (bA,bD) ===false) \\ \{return\}bB = [[bA,bF.bindType||bG]]; if (bF.trigger.apply (bA,bD) ==false) \\ \{return\}bB = [[bA,bF.bindType||bB]]; if (bF.trigger.apply (bA,bD) ==false) \\ \{return\}bB = [[bA,bF.bindType]]; if (bF.trigger.apply (bA,bD) ==false) \\ \{return\}bB = [[bA,bF.bindType]]; if (bF.trigger.apply (bA,bD) ==false) \\ \{return\}bB = [[bA,bF.bindType]]; if (bF.trigger.apply (bB,bD) ==false) \\ \{return\}bB = [[bA,bB]]; if (bF.trigger.apply (bB,bD) ==false) \\ \{return\}bB = [[bA,bB]]; if (bF.trigger.apply (bB,bD) ==false) \\ \{return\}bB = [[bB,bB]]; if (bF.trigger.apply (bB,bD) ==false) \\ \{return\}bB = [[bB,bB]]; if (bF.trigger.apply (bB,bB) ==false) \\ \{return apply (bB,bB) ==false) \\ \{return apply
  (!bJ&&!bF.noBubble&&!b.isWindow(bA)){bI=bF.delegateType||bG;bH=T.test(bI+bG)?bA:bA.parentNode;bz=null;for(;
bH;bH=bH.parentNode) {bB.push([bH,bT]);bz=bH}if(bz&&bz===bA.ownerDocument) {bB.push([bz.defaultView||bz.parentWindow||bb,bI])}}for(bC=0;bC<bB.length&&!bv.isPropagationStopped();bC++) {bH=bB[bC][0];bv.type=bB[bC][1];bE=(b._data(bH,"events")||{})[bv.type]&&b._data(bH,"handle");if(bE){bE.apply(bH,bD)}bE=by&&bH[by];if(bE&&
b.acceptData(bH)&&bE.apply(bH,bD)===false)&v.preventDefault()}bv.type=bc;if(!bJ&&!bv.isDefaultPrevented())
{if((!bF._default.lpbf,_default.apply(bA.ownerDocument,bD)===false)&&!(bG==="click"&&
=0)&&!b.isWindow(bA)){bz=bA[by]; if (bz) {bA[by]=null}b.event.triggered=bG;bA[bG]();
b.event.triggered=L;if(bz){bA|by]=bz}}}}return bv.result}, dispatch:function(e){e=
b.event.fix(e||bb.event);var bz=((b._data(this,"events")||{})[e.type]||[]),bA=bz.delegateCount,bG=[].slice.
call(arguments,0),by=!e.exclusive&&!e.namespace,bH=[],bC,bB,bK,bx,bF,bE,bv,bD,bI,bw,bJ;bG[0]=e;e.
 delegateTarget=this; if (bA&&!e.target.disabled&&! (e.button&&e.type==="click")) {bx=b(this);bx.context=this.ownerDocument|
 |this; for (bK=e.target; bK!=this; bK=bK.parentNode||this) {bE={}; bD=[]; bx[0]=bK; for (bC=0; bC<bA; bC++) {bI=bz[bC];
length&&!e.isPropagationStopped();bC++){bv=bH[bC];e.currentTarget=bv.elem;for(bB=0;bB<bv.matches.length&&!e.
 isImmediatePropagationStopped();bB++){bI=bv.matches[bB];if(by||(!e.namespace&&!bI.namespace)||e.namespace_re
 &&e.namespace_re.test(bI.namespace)){e.data=bI.data;e.handleObj=bI;bF=((b.event.special[bI.origType]||{})).
handle||bI.handler).apply(bv.elem,bG); if(bF!==L){e.result=bF; if(bF===false){e.preventDefault(); e. stopPropagation()}}}}return e.result}, props: "attrChange attrName relatedNode srcElement altKey bubbles cancelable
ctrlKey currentTarget eventPhase metaKey relatedTarget shiftKey target timeStamp view which".split(" "),fixHooks:{},keyHooks:{props:"char charCode key keyCode".split(" "),filter:function(bv,e){if(bv.which==null){bv.which==}.charCode:e.keyCode}return bv}},mouseHooks:{props:"button buttons clientX clientY fromElement offsetX offsetY pageX pageY screenX screenY toElement".split(" "),filter:function(bx,bw){var by,bz,e,bv=
bw.button,bA=bw.fromElement; if (bx.pageX==null&&bw.clientX!=null) {by=bx.target.ownerDocument||av;bz=by.
 \label{lem:documentElement} documentElement; e=by.body; bx.pageX=bw.clientX+(bz\&\&bz.scrollLeft||e\&\&e.scrollLeft||0)-(bz\&\&bz.clientLeft||e\&\&e.scrollLeft||o|)-(bz&\&bz.clientLeft||e&\&e.scrollLeft||o|)-(bz&\&bz.clientLeft||e&&e.scrollLeft||o|)-(bz&\&bz.clientLeft||e&&e.scrollLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clientLeft||o|)-(bz&\&bz.clie
  \texttt{clientLeft||0);} \\ \texttt{bx.pageY=bw.clientY+(bz\&\&bz.scrollTop||e\&\&e.scrollTop||0)-(bz\&\&bz.clientTop||e\&\&e.clientTop||0))} \\ \texttt{clientLop||0);} \\ \texttt{bx.pageY=bw.clientY+(bz\&\&bz.scrollTop||e\&\&e.scrollTop||0)-(bz\&\&bz.clientTop||e\&\&e.clientTop||0))} \\ \texttt{clientLeft||0);} \\ \texttt{bx.pageY=bw.clientY+(bz\&\&bz.scrollTop||e\&\&e.scrollTop||0)-(bz\&\&bz.clientTop||e\&\&e.clientTop||0))} \\ \texttt{clientLeft||0);} \\ \texttt{bx.pageY=bw.clientY+(bz\&\&bz.scrollTop||e\&\&e.scrollTop||0)-(bz\&\&bz.scrollTop||e\&&e.scrollTop||0))} \\ \texttt{clientLeft||0);} \\ \texttt{bx.pageY=bw.clientY+(bz\&\&bz.scrollTop||e\&\&e.scrollTop||0)-(bz\&\&bz.scrollTop||e\&&e.scrollTop||0))} \\ \texttt{clientLeft||0);} \\ \texttt{bx.pageY=bw.clientY+(bz\&\&bz.scrollTop||e\&\&e.scrollTop||0)-(bz\&\&bz.scrollTop||0))} \\ \texttt{clientLeft||0);} \\
 if(!bx.relatedTarget&&bA) {bx.relatedTarget=bA===bx.target?bw.toElement:bA}if(!bx.which&&bv!==
L) {bx.which=(bv&1?1:(bv&2?3:(bv&4?2:0)))}return bx}},fix:function(bw){if(bw[b.expando]){return bw}var bv,bz
 ,e=bw,bx=b.event.fixHooks[bw.type]||{},by=bx.props?this.props.concat(bx.props):this.props;bw=
 b.Event(e); for(bv=by.length; bv;) {bz=by[--bv]; bw[bz]=e[bz]}if(!bw.target) {bw.target=e.srcElement||av}if(bw.
 target.nodeType===3){bw.target=bw.target.parentNode}if(bw.metaKey===L){bw.metaKey=bw.ctrlKey}return bx.filter
 ?bx.filter(bw,e):bw}, special:{ready:{setup:b.bindReady},load:{noBubble:true},focus:{delegateType:"focusin"},
blur: {delegateType: focusout"}, beforeunload: {setup:function(bw,bv,e) {if(b.isWindow(this)) {this.onbeforeunload=e}}, teardown:function(bv,e) {if(this.onbeforeunload===e) {this.onbeforeunload=null}}}}, simulate:function(bv,e) {if(this.onbeforeunload===e) {this.onbeforeunload=null}}}}}
 by,bx,bv) {var bz=b.extend(new b.Event(),bx,{type:bw,isSimulated:true,originalEvent:{}}); if(bv){
 b.event.trigger(bz,null,by)}else{b.event.dispatch.call(by,bz)}if(bz.isDefaultPrevented()){bx.preventDefault
  () }}};b.event.handle=b.event.dispatch;b.removeEvent=av.removeEventListener?function(bv,e,bw){if(bv.e,bw)}
 removeEventListener) {bv.removeEventListener(e,bw,false)}}:function(bv,e,bw){if(bv.detachEvent){bv.detachEvent("on"+e,
\label{lem:bw} bw)\}; b. \texttt{Event} = \texttt{function(bv,e)} \\ \{ \texttt{if(!(this\ instanceof\ b.Event))} \\ \{ \texttt{return\ new\ b.Event(bv,e)} \} \\ \texttt{if(bv\&\&bv.type)} \\ \{ \texttt{this.acceof\ b.Event(bv,e)} \} \\ \text{if(bv\&\&bv.type)} \\ \text{if(bv\&\&bv.ty
originalEvent=bv; this.type=bv.type; this.isDefaultPrevented=(bv.defaultPrevented||bv.returnValue===false||bv.
getPreventDefault&&bv.getPreventDefault())?i:bk}else{this.type=bv}if(e){b.extend(this,e)}this.timeStamp=bv&&bv
    timeStamp||b.now();this[b.expando]=true};function bk(){return false}function i(){return true}
 b.Event.prototype={preventDefault:function(){this.isDefaultPrevented=i;var bv=this.originalEvent; if(!bv){
                rn}if(bv.preventDefault){bv.preventDefault()}else{bv.returnValue=false}},stopPropagation:function(){this.
 isPropagationStopped=i;var bv=this.originalEvent; if(!bv) {return}if(bv.stopPropagation) {bv.stopPropagation()}
bv.cancel Bubble=\texttt{true}\}, \texttt{stopImmediatePropagation:function()} \{this.isImmediatePropagationStopped=i; this.isImmediatePropagationStopped=i; t
 stopPropagation()},isDefaultPrevented:bk,isPropagationStopped:bk,isImmediatePropagationStopped:bk};
 b.each({mouseenter:"mouseover",mouseleave:"mouseout"},function(bv,e){b.event.special[bv]={delegateType:e,
 bindType:e,handle:function(bz){var bB=this,bA=bz.relatedTarget,by=bz.handleObj,bw=by.selector,bx;if(!bA||(bA!=
bBtaltype.chains(bB,bA))) (bz.type=by.origType;bx=by.handler.apply(this,arguments);bz.type=e}return bx}});if (!b.support.submitBubbles) {b.event.special.submit={setup:function() {if(b.nodeName(this, "form")) {return false}}b.event.add(this, "click._submit keypress._submit", function(bx) {var bw=bx.target,bv=b.nodeName(bw, "input")||b.nodeName(bw, "button")?bw.form:L;if(bv&&!bv._submit_attached) {
 b.event.add(bv, "submit_submit", function(e) {if(this.parentNode&&!e.isTrigger) {b.event.simulate("submit",thi
 s.parentNode,e,true)});bv._submit__attached=true}}),teardown:function(){if(b.nodeName(this,"form")){return false}b.event.remove(this,"._submit")}}if(!b.support.changeBubbles){b.event.special.change={setup:function(
) {if (bd.test(this.nodeName)) {if (this.type==="checkbox"||this.type==="radio") {b.event.add(this," propertychange._change", function(e) {if (e.originalEvent.propertyName==="checked") {this._just_changed=true}}); b.event.add(this, "click._change", function(e) {if (this._just_changed&&!e.isTrigger) {this._just_changed=false;}
```

```
b.event.simulate("change",this,e,true)}})}return false}b.event.add(this,"beforeactivate._change",function(bw
                   ) {var bv=bw.target;if(bd.test(bv.nodeName)&&!bv._change_attached) {b.event.add(bv,"change._change",function(e
                   ) {if (this.parentNode&&!e.isSimulated&&!e.isTrigger) {b.event.simulate("change",this.parentNode,e,true)}});bv.
                  change_attached=true}})}, handle:function(bv){var e=bv.target;if(this!==e||bv.isSimulated||bv.isTrigger||(e.
type!=="radio"&&e.type!=="checkbox")){return bv.handleObj.handler.apply(this,arguments)}}, teardown:function()
}b.event.remove(this,"._change");return bd.test(this.nodeName)}}if(!b.support.focusinBubbles){
b.each({focus:"focusin",blur:"focusout"},function(bx,e){var bv=0,bw=function(by)}
                   b.event.simulate(e,by.target,b.event.fix(by),true)};b.event.special[e]={setup:function(){if(bv++===0){av.
                  addEventListener(bx,bw,true)}},teardown:function(){if(--bv===0){av.removeEventListener(bx,bw,true)}}}})}
b.fn.extend({on:function(bw,e,bz,by,bv){var bA,bx;if(typeof bw==="object"){if(typeof e!=="string"){bz=e;e=L
                   }for (bx in bw) {this.on(bx,e,bz,bw[bx],bv)}return this}if (bz==null&&by==null) {by=e;bz=e=L}else{if(by==null) {if (typeof e==="string") {by=bz;bz=L}else{by=bz;bz=e;e=L}}}if (by===false) {by=bk}else{if(!by)} {return this}if (bv===false) {by=bk}else{if(!by)} {return this}}if (bv===false) {by=bk}else{if(!by)} {return this}}if (bv==false) {by=bk}e
                          =1){bA=by;by=function(bB){b().off(bB);return bA.apply(this,arguments)},by.guid=bA.guid||(bA.guid=b.guid++)
                   }return this.each(function() {b.event.add(this,bw,by,bz,e)})},one:function(bv,e,bx,bw) {return this.on.call(th
                   is,bv,e,bx,bw,1)},off:function(bw,e,by){if(bw&&bw.preventDefault&&bw.handleObj){var bv=bw.handleObj;b(bw.del
                  egateTarget).off(bv.namespace?bv.type+"."+bv.namespace:bv.type,bv.selector,bv.handlero);return this}if(typeof bw==="object"){for(var bx in bw){this.off(bx,e,bw[bx])}return this}if(e===false||typeof e==="function"){by=e;e=L}if(by===false){by=bk}return this.each(function(){b.event.remove(this,bw,by,e)})},bind:function(e,bw,bv){return this.on(e,null,bw,bv)},unbind:function(e,bv){return this.off(e,null,bv)},live:function(e,bw,bv)}
                   b(this.context).on(e,this.selector,bw,bv); return this}, die:function(e,bv) {b(this.context).off(e,this.
                   selector||"**",bv); return this},delegate:function(e,bv,bx,bw){return this.on(bv,e,bx,bw)},undelegate:function(e,bv
                   ,bw) {return arguments.length==1?this.off(e,"**"):this.off(bv,e,bw)},trigger:function(e,bv){return this.
                   each(function(){b.event.trigger(e,bv,this)})},triggerHandler:function(e,bv){if(this[0]){return
                  b.event.trigger(e,bv,this[0],true)\}\}, toggle:function(bx)\{var\ bv=arguments,e=bx.guid||\ b.guid++,bw=0,by=function(bz)\{var\ bA=(b.\_data(this,"lastToggle"+bx.guid)||0)\%bw;
                   b._data(this,"lastToggle"+bx.guid,bA+1);bz.preventDefault();return bv[bA].apply(this,arguments)||false};by.
                   guid=e;while(bw<bv.length){bv[bw++].guid=e}return this.click(by)},hover:function(e,bv){return this.</pre>
                   mouseenter(e).mouseleave(bv||e)}});b.each(("blur focus focusin focusout load resize scroll unload click dblclick
                      mousedown mouseup mousemove mouseover mouseout mouseenter mouseleave change select submit keydown keypress keyup error contextmenu").split(" "),function(bv,e){b.fn[e]=function(bx,bw){if(bw==null){bw=bx;bx=null}return}
                   arguments.length>0?this.on(e,null,bx,bw):this.trigger(e)); if(b.attrFn){b.attrFn[e]=true}if(a0.test(e)){
                   b.event.fixHooks[e]=b.event.keyHooks]if(bf.test(e)) {b.event.fixHooks[e]=b.event.mouseHooks}});
>+~,(\[\\]+)|[>+~])(\s*,\s*)?((?:.|\r|\n
)*)/g,bC="sizcache"+(Math.random()+"").replace(".",""),bI=0,bL=0bject.prototype.toString,bB=false,bA=true,bK=/\\/g,bO=/
                      0}); var by=function(bV,e,bY,bZ){bY=bY||[];e=e||av;var
                      bl=e;if(e.nodeType!==1&&e.nodeType!==9){return[]}if(!bV||typeof bV!=="string"){return bY}var
                      bS,b3,b6,bR,b2,b5,b4,bX,bU=true,bT=by.isXML(e),bW=[],b0=bV;do{bH.exec("");
                   bS=bH.exec(b0);if(bS){b0=bS[3];bW.push(bS[1]);if(bS[2]){bR=bS[3];break}}}while(bS);if(bW.length>1&&bD.exec(b
                   pr,b2.set):b2.set;if(bW.length>0){b6=bF(b3)}else{bU=false}while(bW.length){b5=bW.pop();b4=b5;if(!bE.relative
                    Array]"){if(!bU){bY.push.apply(bY,b6)}else{if(e&&e.nodeType=
                   1) {for(bX=0;b6[bX]!=null;bX++) {if(b6[bX]&&(b6[bX]===true||b6[bX].nodeType===1&&by.contains(e,b6[bX]))) {bY.pu
                    sh (b3[bX]) \} \} \\ else \\ for (bX=0;b6[bX]!=null;bX++) \\ \{if (b6[bX] \& b6[bX] .nodeType===1) \\ \{bY.push (b3[bX]) \} \} \} \\ \} \\ else \\ \{bF (b6,bY) \} \\ if (bR) \\ for (
                      bY}; by.uniqueSort=function(bR){if(bJ){bB=bA;bR.sort(bJ);if(bB){for(var e=1;e<bR.length;e++){if(bR[e]===bR[e-1]){bR.spl
                      bR); by.matches=function(e,bR){return by(e,null,null,bR)}; by.matchesSelector=function(e,bR){return
                      by (bR, null, null, [e]).length>0); by.find=function(bX, e, bY) {var
                      b \texttt{W}, b \texttt{S}, b \texttt{U}, b \texttt{T}, b \texttt{V}, b \texttt{R}; i \texttt{f(!bX)} \\ \{ \texttt{return[]} \} \\ for (b \texttt{S} = \texttt{0}, b \texttt{U} = b \texttt{E}. order. length; b \texttt{S} < b \texttt{U}; b \texttt{S} + \texttt{+}) \\ \{ \texttt{b} \texttt{V} = b \texttt{E}. order[b \texttt{S}]; i \texttt{f((b \texttt{T} = b \texttt{E}. left \texttt{M} atch[b \texttt{V}]. execond \texttt{E}) } \} \\ \{ \texttt{b} \texttt{V} = b \texttt{E}. order[b \texttt{S}]; i \texttt{f((b \texttt{T} = b \texttt{E}. left \texttt{M} atch[b \texttt{V}]. execond \texttt{E}) } \} \\ \{ \texttt{b} \texttt{V} = b \texttt{E}. order[b \texttt{S}]; i \texttt{f((b \texttt{T} = b \texttt{E}. left \texttt{M} atch[b \texttt{V}]. execond \texttt{E}) } \} \\ \{ \texttt{b} \texttt{V} = b \texttt{E}. order[b \texttt{S}]; i \texttt{f((b \texttt{T} = b \texttt{E}. left \texttt{M} atch[b \texttt{V}]. execond \texttt{E}) } \} \\ \{ \texttt{b} \texttt{V} = b \texttt{E}. order[b \texttt{S}]; i \texttt{f((b \texttt{T} = b \texttt{E}. left \texttt{M} atch[b \texttt{V}]. execond \texttt{E}) } \} \\ \{ \texttt{b} \texttt{V} = b \texttt{E}. order[b \texttt{S}]; i \texttt{f((b \texttt{T} = b \texttt{E}. left \texttt{M} atch[b \texttt{V}]. execond \texttt{E}) } \} \\ \{ \texttt{b} \texttt{V} = b \texttt{E}. order[b \texttt{S}]; i \texttt{f((b \texttt{S} = b \texttt{E}. left \texttt{M} atch[b \texttt{V}]. execond \texttt{E}) } \} \\ \{ \texttt{b} \texttt{V} = b \texttt{E}. order[b \texttt{S}]; i \texttt{f((b \texttt{E} = b \texttt{E}. left \texttt{M} atch[b \texttt{V}]. execond \texttt{E}) } \} \\ \{ \texttt{b} \texttt{V} = b \texttt{E}. order[b \texttt{S}]; i \texttt{f((b \texttt{E} = b \texttt{E}. left \texttt{M} atch[b \texttt{V}]. execond \texttt{E}) } \} \\ \{ \texttt{b} \texttt{V} = b \texttt{E}. order[b \texttt{S}]; i \texttt{f((b \texttt{E} = b \texttt{E}. left \texttt{M} atch[b \texttt{V}]. execond \texttt{E}) } \} \\ \{ \texttt{b} \texttt{V} = b \texttt{E}. order[b \texttt{E}. order[b \texttt{E}]; i \texttt{E}. order[b \texttt{
                   =(bT[]||"").replace(bK,"");bW=bE.find[bV](bT,e,bY);if(bW!=null){bX=bX.replace(bE.match[bV],"");break}}}}if(!bW){bW=typ}
                      e.getElementsByTagName!=="undefined"?e.getElementsByTagName("*"):[]}return{set:bW,expr:bX}};by.filter=function(b1,b0,b
                      bW,e,bZ,b6,b3,bR,bT,bV,b2,bS=b1,b5=[],bY=b0,bX=b0&&b0[0]&&by.isXML(b0[0]);while(b1&&b0.length){for(bZ in
                      bE.filter) {if((bW=bE.leftMatch[bZ].exec(b1))!=null&&bW[2]) {bR=bE.filter[bZ];bT=bW[1];e=false;bW.splice(1,1);if(bT.subs)}
                    ") {continue}if(bY===b5) {b5=[]}if(bE.preFilter
                    [bZ]) \\ \{bW=bE.preFilter[bZ] \\ (bW,bY,b4,b5,bU,bX); if (!bW) \\ \{e=b6=true\}else\\ \{if (bW===true) \\ \{continue\}\} \\ \} if (bW) \\ \{for (bV=0) \\ \{continue\}\} \\ \{if (bW), for (bW), for (bW), for (bW) \\ \{continue\}\} \\ \{if (bW), for (b
                  [bZ] (bW=bE.Prefilef[bZ] (bW,bf,b4,b5,b0,bX);if(:bW) {e=be=true}etse{if(bW==true)etse{bY[bV]};if(bW=bE;bY[bV])!=null;bV++) {if(b3) {b6=bR(b3,bW,bV,bY);b2=bU^b6;if(b4&&b6!=null) {if(b2) {e=true}etse{bY[bV]=false}}}etse{if(b2) {b5.push(b3);e=true}}}}if(b6!=L) {if(!b4) {bY=b5}b1=b1.replace(bE.match[bZ],"");if(!e) {return[]}break}}if(b5,bT,e=bU.nodeType,bR="";if(e) {if(e===1||e===9) {if(typeof bU.textContent==="string") {return bU.textContent}etse{if(typeof bU.textContent==="string")}}
                      bU.innerText.==="string") {return bo.textcontent; erse(if(c)) bu.innerText.replace(bO, "")} else(for(bU=bU.firstChild; bU; bU=bU.nextSibling) {bR+=bw(bU)}}}}else(if(c==3||c==4) {return bo.textContent; erse(if(c))}}
                  ,bV=bT&&!bQ.test(bR),bX=bT&&!bV;if(bV){bR=bR.toLowerCase()}for(var
                      bS=0,e=bW.length,bU;bS<e;bS++){if((bU=bW[bS])){while(
                    (bU=bU.previousSibling) \&\&bU.nodeType!==1) \{ bW[bS]=bX | |bU\&\&bU.nodeName.toLowerCase() ===bR?bU | |false:bU===bR \} \\ if (bX) \{ by.final (bull of the bull of th
                   , bS=0, e=bW. length; if (bU\&\&!bQ.test(bR)) \\ \{bR=bR.toLowerCase(); for(;bS<e;bS++) \\ \{bV=bW[bS]; if(bV) \\ \{vared base(bR), 
                      bT=bV.parentNode; bW[bS]=bT.nodeName.toL
                   &&!bQ.test(bR)) {bR=bR.toLowerCase();bU=bR;e=bv}e("parentNode",bR,bS,bT,bU,bV)},"~":function(bT,bR,bV) {var
                      bU,bS=bI++,e=bN;if(typeof bR==="string"&&!bQ.test(bR)){bR=bR.toLowerCase();bU=bR;e=bv}e("previousSibling"
                    ,bR,bS,bT,bU,bV)}},find:{ID:function(bR,bS,bT){if(typeof bS.getElementById!=="undefined"&&!bT){var
                   e=bS.getElementById(bR[1]);return e&&e.parentNode?[e]:[]}}, NAME:function(bS,bV){if(typeof bV.getElementsByName!=="unde
bR=[],bU=bV.getElementsByName(bS[1]);for(var bT=0,e=bU.length;bT<e;bT++){if(bU[bT].getAttribute("name")
)===bS[1]){bR.push(bU[bT])}}return bR.length===0?null:bR}}, TAG:function(e,bR){if(typeof bR.getElementsByTagName!=="
```

```
undefined") {return bR.getElementsByTagName(e[1])}}},preFilter:{CLASS:function(bT,bR,bS,e,bW,bX){bT=" "
    + bT[1] \cdot replace(bK, "") + ""; if(bX) \{return bT\} for(var bU=0, bV; (bV=bR[bU]) != null; bU++) \{if(bV) \{if(bW^(bV.className&&(""+bV.className+"").replace(/[\t\n\r]/g, "") | "+bV.className+"").replace(/[\t\n\r]/g, "") | "+bV.className+"").replace(/[\t\n\n]/g, "") | "+bV.className+"").replace(/[\t\n]/g, "") | "+bV.className+"" | "+bV.className+"" | "+bV.className+"" | "+bV.className+"" | "+bV.className+"" | "+bV.className+" | "+bV.clas
e}, ATTR: function(bU, bR, bS, e, bV, bW) {var bT=bU[1]=bU[1].replace(bK, ""
 e},AIR::tunction(bU,bR,bS,e,bV,bW){Var b1=bU[1]=bU[1]:replace(bK,"");if(bU[2]==="~="){bU[4]=" "+bU[4]=bU}, yif(!bW&&bE.attrMap[bT]){bU[4]=(bU[4]=(bU[4]||bU[5]||"").replace(bK,"");if(bU[2]==="~="){bU[4]=" "+bU[4]=bU}, PSEUDO:function(bU,bR,bS,e,bV){if(bU[1]==="not"){if((bH.exec(bU[3])||"").length>1||/^\w /.test(bU[3])}{bU[3]=by(bU[3],null,null,bR)}else{var bT=by.filter(bU[3],bR,bS,true^bV);if(!bS){e.push.apply(e,bT)}returnfalse}}else{if(bE.match.POS.test(bU[0])||bE.match.CHILD.test(bU[0])){return true}}return bU}, POS:function(e){e.unshifter(bU[3],bB,bS)}else{if(bE.match.POS.test(bU[0])||bE.match.CHILD.test(bU[0]))}else**[enabled:function(e){return e.disabled===false&&e.type!=="hidden"}, disabled:function(e){return}
          e.disabled===true}, checked:function(e) {return
          e.checked===true},selected:function(e){if(e.parentNode){e.parentNode.selectedIndex}return e.selected===true},parent:function(e)
   !e.firstChild), has:function(bS,bR,e) {return !!by(e[3],bS).length}, header:function(e) {return(/h\d /i).test(e.nodeName)}, text:function(bS) {var e=bS.getAttribute("type"),bR=bS.type;return bS.nodeName.toLowerCase()==="injut"&&"radio" ===e.type},checkbox:function(e) {return e.nodeName.toLowerCase()==="input"&&"checkbox"
     ==e.type}, file:function(e){return e.nodeName.toLowerCase()==="input"&&"file"==e.type},password:function(e){return
  e.nodeName.toLowerCase() ==="input"&&"password"===e.type}, submit:function(bR) {var e=bR.nodeName.toLowerCase(); return(e=||e=="button")&&"submit"===bR.type}, image:function(b) {return e.nodeName.toLowerCase() ==="input"&&"image" ===e.type}, reset:function(bR) {var e=bR.nodeName.toLowerCase(); return(e==="input"||e==="button")&&"reset" ===bR.type}, button:function(bR) {var e=bR.nodeName.toLowerCase(); return e==="input"|&&"button"===bR.type||e==="button")}, input:function(e) {return(/input|select|textarea|button/i).test(e.nodeName)}, focus:function(e) {return(|var|abstarea|button/i).test(e.nodeName)}, focus:function(e) {return(|var|abstarea|button/i).test(e.
           e==-e.ownerDocument.activeElement}},setFilters:{first:function(bR,e){return e===0},last:function(bS,bR,e,bT){return
          \texttt{bR} = = \texttt{bT.length-1}, \texttt{even:function(bR,e)} \\ \{\texttt{return e} \\ \texttt{e} \\ \texttt{2} = = \texttt{0} \\ \texttt{,odd:function(bR,e)} \\ \{\texttt{return e} \\ \texttt{d} \\ \texttt{e} \\ \texttt{d} \\ \texttt{d}
          e\$2 = = 1\}, \\ 1t: \\ function (bS, bR, e) \\ \{return bR < e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0\}, \\ gt: \\ function (bS, bR, e) \\ \{return bR > e[3] - 0
  e[3]-0===bR}, eq:function(bS,bR,e){return e[3]-0===bR}}, filter:{PSEUDO:function(bS,bX,bW,bY)}{var e=bX[1],bR=bE.filters[e];if(bR){return bR(bS,bW,bX,bY)}else{if(e==="contains"){return(bS.textContent||bS.innerText||bw).indexOf(bX[3])>=0}else{if(e==="not"){var bT=bX[3];for(var bV=0,bU=bT.length;bV<bU;bV++){if(bT[bV]===bS){return}}
   false}}return true}else(by.error(e)}}}),CHILD:function(bS,bU){var}
bT,b0,bW,bZ,e,bV,bY,bX=bU[1],bR=bS;switch(bX){case"only":case"first":while((bR=bR.previousSibling)){if(bR.nodeType===1)}{return true}bR=bS;case"last":while((bR=bR.nextSibling)){if(bR.nodeType===1){return false}}return true;case"nth"
     :bT=bU[2];b0=bU[3];if(bT===1&&b0===0){return
             true}bW=bU[0];bZ=bS.parentNode;if(bZ&&(bZ[bC]!==bW||!bS.nodeIndex)
   ) {bV=0; for (bR=bZ.firstChild; bR; bR=bR.nextSibling) {if (bR.nodeType===1) {bR.nodeIndex=++bV} }bZ[bC]=bW}bY=bS.nodeIndex=-b0; i
         bR.nodeType===1&&bR.getAttribute("id")===e}, TAG:function(bR,e) {return(e==="*"
   &&bR.nodeType===1)||!!bR.nodeName&&bR.nodeName.toLowerCase()===e},CLASS:function(bR,e){return(" "+(bR.className||bR.get.
   ).indexOf(e)>-1},ATTR:function(bV,bT) {var
   bS=bT[1],e=by.attr?by.attr(bV,bS):bE.attrHandle[bS]?bE.attrHandle[bS](bV):bV[bS]!=null?bV[bS]:bV.getAttribute(bS),bW=e:!bU&&by.attr?e!=null:bU==="="?bW===bR:bU==="*="?bW.indexOf(bR)>=0:bU==="~="?(" "+bW+" ").indexOf(bR)>=0:!bR?bW&&e!==false:bU==="!="?bW!==bR:bU==="^="?bW.indexOf(bR)===0:bU==="$="?bW.substr(bW.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.length-bR.lengt
   ?bW===bR||bW.substr(0,bR.length+1)===bR+"-":false},POS:function(bU,bR,bS,bV){var
         e=bR[2],bT=bE.setFilters[e];if(bT) \{return bT(bU,bS,bR,bV)\}\}\}; var bD=bE.match.POS,bx=function(bR,e) \{return"\"+(e-0+1)bE.match) \{bE.match[bz]=new RegExp(bE.match[bz].source+(/(?![^\[]*\])(?![^\(]*\))/.source));bE.leftMatch[bz]=new RegExp(/(^(?:.|r|\n)*?)/.source+bE.match[bz].source.replace(/\(\(d+)/g,bx))\}var
 bF=function(bR,e){bR=Array.prototype.slice.call(bR,0);if(e){e.push.apply(e,bR);return e}return
bR);try(Array.prototype.slice.call(av.documentElement.childNodes,0)[0].nodeType)catch(bP){bF=function(bU,bT){var bS=0,1}
Array]"){Array.prototype.push.apply(bR,bU)}else{if(typeof bU.length==="number"){for(var
e=bU.length;bS<e;bS++){bR.push(bU[bS])}}else{for(;bU[bS];bS++){bR.push(bU[bS])}}return bR}}var
          bJ,bG;if(av.documentElement.compareDocumentPosition){bJ=function(bR,e){if(bR===e){bB=true;return}}
          0 \} \\ if (!bR.compareDocumentPosition||!e.compareDocumentPosition) \\ \{return\ bR.compareDocumentPosition?-1:1\} \\ return\ bR.compareDocumentPosition?-1:1
         \texttt{bR.compareDocumentPosition} \ (\texttt{e}) \ \texttt{\&4?-1:1} \} \\ \texttt{else} \\ \texttt{\&bJ-function} \ (\texttt{bY},\texttt{bX}) \ \\ \texttt{\&if} \ (\texttt{bY===bX)} \ \\ \texttt{\&bB-true}; \\ \texttt{return} \ \ 0 \\ \texttt{\ensuremath{$\mid$}} \\ \texttt{else} \\ \texttt{\&if} \ (\texttt{bY}.\texttt{sourceIndex\&\&bX}.) \\ \texttt{\ensuremath{$\mid$}} \\ \texttt{\ensur
         bY.sourceIndex-bX.sourceIndex} var bV,bR,bS=[],e=[],bU=bY.parentNode,bW=bX.parentNode,bZ=bU;if(bU===bW) {return bG(bY,bX)}else{if(!bU) {return -1}else{if(!bW) {return }
          1}}}while(bZ){bS.unshift(bZ);bZ=bZ.parentNode}bZ=bW;while(bZ){e.unshift(bZ);bZ=bZ.parentNode}bV=bS.length;bR=e.length;
         bT=0;bT<br/>bV&&bT<br/>bT=+){if(bS[bT]!==e[bT]){return bG(bS[bT],e[bT])}}return bT===bV?bG(bY,e[bT],-1):bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bS[bT],bX,1)};bG(bY[bX],bX,1)};bG(bY[bX],bX,1)};bG(bY[bX],bX,1)};bG(bY[bX],bX,1)};bG(bY[bX],bX,1)};bG(bY[bX],bX,1)};bG(bY[bX],bX,1)};bG(bY[bX],bX,1)};bG(bY[bX],bX,1)};bG(bY[bX],bX,1)};bG(bY[bX],bX,1)};bG(bY[bX],bX,1)};bG(bY[bX],bX,1)};bG(bY[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(bX[bX],bX,1)};bG(b
 bS}var bT=bR.nextSibling;while(bT){if(bT==e){return bG(bS[bT],Fetutn bI==-bV:bo(bT,e[bT],-T):bG(bS[bT],bX,T)};bS=bS}var bT=bR.nextSibling;while(bT){if(bT==e){return -1}bT=bT.nextSibling}return 1}}(function(){var bR=av.createElement("div"),bS="script"+(new Date()).getTime(),e=av.documentElement;bR.innerHTML="<a name='"+bS+"'/>";e.insertBefore(bR,e.firstChild);if(av.getElementById(bS)){bE.find.ID=function(bU,bV,bW){if(typeof bV.getElementById!=="undefined"&&!bW){var bT=bV.getElementById(bU[1]);return bT?bT.id===bU[1]||typeof bT.getAttributeNode!=="undefined"&&bT.getAttributeNode("id").nodeValue===bU[1]?[bT]:L:[]}};bE.filter.ID=function(bV,bT)
          bU=typeof bV.getAttributeNode!=="undefined"&&bV.getAttributeNode("id");return
 bV.nodeType===1&&bU&&bU.nodeValue===bT}}e.removeChild(bR);e=bR=null})();(function(){var e=av.createElement("div"});e.appendChild(av.createComment("""));if(e.getElementsByTagName("*").length>0){bE.find.TAG=function(bR,bV){var bU=bV.getElementsByTagName(bR[1]);if(bR[1]==="*"){var bT=[];for(var bS=0;bU[bS];bS++){if(bU[bS].nodeType===1){bT.push(bU[bS])}}bU=bT}return bU}}e.innerHTML="<a href='#'></a>";if(e.firstCle.firstChild.getAttribute("href")!=="#"){bE.attrHandle.href=function(bR){return bR.getAttribute("href")
   ;bT.innerHTML="";if(bT.querySelectorAll) {(function() {var e=by,bT=av.createElement("div"),bS="__sizzle_'
;bT.innerHTML="";if(bT.querySelectorAll&&bT.querySelectorAll(".TEST")
     ).length===0){return}by=function(b4,bv,b2,b3){bV=bV||av;if(!b3&&!by.isXML(bV))}{var b2=/^(\w+$)|^\.([\w\-]+$)|^#([\w\-]+$)|^#([\w\-]+$)|^\.([\w\-]+$)|^#([\w\-]+$)|^\.
   | 1+$\]/.exec(b4);if(b2&&(bV.nodeType===1\|bV.nodeType===9\)\{if(b2[1]\}\return bF(bV.getElementsByTagName(b4),bZ\)\}else\{if(b2[2]&&bE.find.CLASS&&bV.getElementsByClassName)\{return bF(bV.getElementsByClassName(b2[2]),bZ\)\}\}if(bV.nodeType===9)\{if(b4===\body=\&\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=\body=
  bf(bV.querySelectorAll(b4),bZ)}catch(b0){}else{if(bV.nodeType===1&&bV.nodeName.toLowerCase()!=="object"){var bW=bV,bX=bV.getAttribute("id"),bU=bX||bS,b6=bV.parentNode,b5=/^\s*[+-]/.test(b4);if(!bX)(bV.setAttribute("id",bU)}else{bU=bU.replace(/'/g, "\\$\epsilon")}if(b5\epsilon \epsilon \epsi
         e) {bv[bR]=e[bR]}bT=null})()}(function(){var
  e=av.documentElement,b5=e.matchesSelector||e.mozMatchesSelector||e.webkitMatchesSelector||e.msMatchesSelector;if(bS){v.}),bR=false;try{bS.call(av.documentElement,"[test!='']:sizzle"
   )} catch (bT) {bR=true} by.matchesSelector=function(bW,bY) {bY=bY.replace(/\=\s*([^'"\]]*)\s*\]/g,"='$1']"); if(!by.isXML(bW)) if(!bw.isXML(bW)) if(!bw.isX
     (bY)) {var bV=bS.call(bW,bY); if(bV||!bU||bW.document&bW.document.nodeType!==11) {return bV}}}catch(bX) {}} return by(bY,null,null,[bW]).length>0}}))); (function() {var e=av.createElement("div"); e.innerHTML="<div class='test e'></div><div class='test'></div>"; if(!e.getElementsByClassName||e.getElementsByClassName("e").length===
```

```
0) {return}e.lastChild.className="e"; if (e.getElementsByClassName("e").length===1) {return}bE.order.splice(1,0,
 "CLASS"); bE.find.CLASS=function(bR,bS,bT) { if (typeof bS.getElementsByClassName!=="undefined"&&!bT) { return bS.
 getElementsByClassName(bR[1])}};e=null})();function bv(bR,bW,bV,bZ,bX,bY){for(var bT=0,bS=bZ.length;bT<bS;bT</pre>
 ++) {var e=bZ[bT]; if(e) {var bU=false;e=e[bR]; while(e) {if(e[bC]===bV) {bU=bZ[e.sizset]; break}if(e.nodeType===1
&&!bY) {e[bC]=bV;e.sizset=bT}if(e.nodeName.toLowerCase()===bW) {bU=e;break}e=e[bR]}bZ[bT]=bU}}}function bN(bR,bW,bV,bZ,bX,bY) {for(var bT=0,bS=bZ.length;bT<bs;bT++) {var e=bZ[bT];if(e) {var bU=false;e=e[bR];while(e) {if(e[
bC]===bV) {bU=bZ[e.sizset]; break}if(e.nodeType===1) {if(!bY) {e[bC]=bV; e.sizset=bT}if(typeof bW!=="string") {if(e
   ===bW){bU=true;break}}else{if(by.filter(bW,[e]).length>0){bU=e;break}}}e=e[bR]}bZ[bT]=bU}}}if(av.
 documentElement.contains) {by.contains=function(bR,e){return bR!==e&&(bR.contains?bR.contains(e):true)}}else{if(av.
documentElement.compareDocumentPosition) {by.contains=function(bR,e){return !!(bR.compareDocumentPosition(e) &16)}} else{by.contains=function() {return false}}} by.isXML=function(e) {var bR=(e?e.ownerDocument||e:0).} documentElement;return bR?bR.nodeName!=="HTML":false};var bM=function(bS,e,bW) {var bV,bX=[],bU="",bY=e.nodeType?[e]:e; while((bV=bE.match.PSEUDO.exec(bS))) {bU+=bV[0];bS=bS.replace(bE.match.PSEUDO,"")}bS=bE.relative[bS]?bS+"*":bS;
 for(var bT=0,bR=bY.length;bT<bR;bT++){by(bS,bY[bT],bX,bW)}return by.filter(bU,bX)};by.attr=</pre>
b.attr;by.selectors.attrMap={};b.find=by;b.expr=by.selectors;b.expr[":"]=b.expr.filters;
b.unique=by.uniqueSort;b.text=by.getText;b.isXMLDoc=by.isXML;b.contains=by.contains))();var ab=/Until$/,aq=
  \label{eq:continuous} $$ /^(::parents|prevUntil|prevAll)/, a9=/,/, bp=/^.[^:#\\[\].] *$/,P=Array.prototype.slice,H=0.15] $$ /^(::parents|prevUntil|prevAll)/, a9=/,/, bp=/^.[^:#\\[\].] $$
hexpr.match.POS, ay={children:true, contents:true, next-true, prev:true}; b.fn.extend({find:function(e) {var bw=this,by,by; if(typeof e!=="string") {return b(e).filter(function() {for(by=0,bv=bw.length; by<by; by++) {if(b.cont) } {total contents | total content
 ains(bw[by],this)){return true}}})}var bx=this.pushStack("", "find",e),bA,bB,bz;for(by=0,bv=this.length;by<bv
 bz]===bx[bB]) {bx.splice(bB--,1);break}}}}return bx}, has:function(bv) {var e=b(bv);return this.filter(function
 () {for(var bx=0,bw=e.length;bx<bw;bx++) {if(b.contains(this,e[bx])) {return true}}})),not:function(e) {return
this.pushStack(aG(this,e,false),"not",e)},filter:function(e){return this.pushStack(aG(this,e,true),"filter",e)},is:function(e){return !!e&&(typeof e==="string"?H.test(e)?b(e,this.context).index(this[0])>=0:
 b.filter(e,this).length>0:this.filter(e).length>0)},closest:function(by,bx){var bv=[],bw,e,bz=this[0];if(
b.isArray(by)){var bB=1; while(bz&&bz.ownerDocument&&bz!==bx){for(bw=0; bw<by.length; bw++){if(</pre>
b(bz).is(by[bw])){bv.push({selector:by[bw],elem:bz,level:bB})}}bz=bz.parentNode;bB++}return bv}var bA=H.
 test(by)||typeof by!=="string"?b(by,bx||this.context):0;for(bw=0,e=this.length;bw<e;bw++){bz=this[bw];while(bz)
 {if (bA?bA.index(bz)>-1:b.find.matchesSelector(bz,by)) {bv.push(bz);break}else{bz=bz.parentNode;if(!bz||!bz.
ownerDocument||bz===bx||bz.nodeType===11) {break}}}}bv=bv.length>1?b.unique(bv):bv;return this.pushStack(bv,"
 closest", by) }, index: function (e) { if (!e) { return (this[0] & & this[0] .parentNode) ? this.prevAll() .length: -1} if (typeof
 e==="string"){return b.inArray(this[0],b(e))}return b.inArray(e.jquery?e[0]:e,this)},add:function(e,bv)(var
bx=typeof e==="string"?b(e,bv):b.makeArray(e&&e.nodeType?[e]:e),bw=b.merge(this.get(),bx);return this.
 pushStack (C(bx[0])||C(bw[0])?bw:b.unique(bw))\}, and Self:function() \\ \{return\ this.add(this.prevObject)\}\}); function\ C(extit{equation}) \\ \{return\ this.add(this.prevObject)\}); function\ C(extit{equation}) \\ \{return\ this.add(this.prevObject)\}\}); function\ C(extit{equation}) \\ \{return\ this.add(this.prevObject)\}\}
 ) {return !e||!e.parentNode||e.parentNode.nodeType===11}b.each({parent:function(bv){var e=bv.parentNode;
return e&&e.nodeType!==117e:null}, parents: function(e) {return b.dir(e, "parentNode")}, parentsUntil: function(bv,e,bw) {return b.dir(bv, "parentNode",bw)}, next: function(e) {return b.nth(e,2, "nextSibling")}, prev: function(e) {return b.nth(e,2, "previousSibling")}, nextAll: function(e) {return b.dir(e, "nextSibling")}, prevAll: function(e) {
 return b.dir(e, "previousSibling") }, nextUntil:function(bv,e,bw) {return b.dir(bv, "nextSibling",bw)}, prevUntil:function(bv,e,bw) {return b.dir(bv, "previousSibling",bw)}, siblings:function(e) {return b.sibling(e.parentNode.
 firstChild,e)},children:function(e){return b.sibling(e.firstChild)},contents:function(e){return
b.nodeName(e, "iframe")?e.contentDocument||e.contentWindow.document:b.makeArray(e.childNodes)}},function(e,
bv) {b.fn[e]=function(by,bw) {var bx=b.map(this,bv,by); if(!ab.test(e)) {bw=by}if(bw&&typeof bw==="string") {bx=by}if(bw&&typeof bw==="string") {bx=by}if(bwa&typeof bw==="str
 b.filter(bw,bx)}bx=this.length>1&&!ay[e]?b.unique(bx):bx;if((this.length>1||a9.test(bw))&&aq.test(e)){bx=bx
  .reverse()}return this.pushStack(bx,e,P.call(arguments).join(","))}});b.extend({filter:function(bw,e,bv){if(
\texttt{b.find.matches(bw,e)}, \texttt{dir:function(bw,bv,by)} \\ \{\texttt{var e=[],bx=bw[bv];} \\ \texttt{while(bx\&\&bx.nodeType!==9\&\&(by===0.1,bx=bw[bv];} \\ \texttt{while(bx\&\&bx.nodeType!==9\&\&(by==0.1,bx=bw[bv];} \\ \texttt{while(bx\&\&bx.nodeType!==9\&\&(by==0.1,bx=bw[bv];} \\ \texttt{while(bx\&\&bx.nodeType!==9\&\&(by==0.1,bx=bw[bv];} \\ \texttt{while(bx\&\&bx.nodeType!==9\&\&(by==0.1,bx=bw[bv];} \\ \texttt{while(bx\&\&bx.nodeType!==9\&\&(by==0.1,bx=bw[bv];} \\ \texttt{while(bx\&\&bx.nodeType!==0.1,bx=bw[bv];} \\ \texttt{while(bx\&\&bx.nodeType!==0.1,bx=bw[bv];} \\ \texttt{while(bx\&\&bx.nodeType!==0.1,bx=bw[bv];} \\ \texttt{while(bx\&\&bx.nodeType!=0.1,bx=bw[bv];} 
  L \mid | bx.nodeType! == 1 \mid | !b(bx).is(by))) \\ \{ if(bx.nodeType === 1) \\ \{ e.push(bx) \} bx = bx[bv] \\ \} return(e), nth: function(by, e, bw) \\ \{ if(bx.nodeType == 1) \\ \{ e.push(bx) \} bx = bx[bv] \\ \} return(e), nth: function(by, e, bw) \\ \{ if(bx.nodeType == 1) \\ \{ e.push(bx) \} bx = bx[bv] \\ \} return(e), nth: function(by, e, bw) \\ \{ if(bx.nodeType == 1) \\ \{ e.push(bx) \} bx = bx[bv] \\ \} return(e), nth: function(by, e, bw) \\ \{ if(bx.nodeType == 1) \\ \{ e.push(bx) \} bx = bx[bv] \\ \} return(e), nth: function(by, e, bw) \\ \{ if(bx.nodeType == 1) \\ \{ e.push(bx) \} bx = bx[bv] \\ \{ if(bx.nodeType == 1) \\ \{ e.push(bx) \} bx = bx[bv] \\ \{ if(bx.nodeType == 1) \\ \{ e.push(bx) \} bx = bx[bv] \\ \{ if(bx.nodeType == 1) \\ \{ e.push(bx) \} bx = bx[bv] \\ \{ if(bx.nodeType == 1) \\ \{ e.push(bx) \} bx = bx[bv] \\ \{ if(bx.nodeType == 1) \\ \{ e.push(bx) \} bx = bx[bv] \\ \{ if(bx.nodeType == 1) \\ \{ e.push(bx) \} bx = bx[bv] \\ \{ if(bx.nodeType == 1) \\ \{ e.push(bx) \} bx = bx[bv] \\ \{ if(bx.nodeType == 1) \\ \{ e.push(bx) \} bx = bx[bv] \\ \{ if(bx) \} bx =
 ,bx) {e=e||1;var bv=0;for(;by;by=by[bw]) {if(by.nodeType===1&&++bv===e) {break}}return by}, sibling:function(bw,
 bv) {var e=[]; for(; bw; bw=bw.nextSibling) {if (bw.nodeType===1&&bw!==bv) {e.push(bw)}}return e}}); function aG(bx,
 bw,e) {bw=bw||0;if(b.isFunction(bw)) {return b.grep(bx,function(bz,by) {var bA=!!bw.call(bz,by,bz);return bA==
e})}else{if(bw.nodeType){return b.grep(bx,function(bz,by){return(bz===bw)===e})}else{if(typeof bw==="string"){var bv=b.grep(bx,function(by){return by.nodeType===1});if(bp.test(bw)){return b.filter(bw,bv,!e)}else{bw=b.filter(bw,bv)}}}return b.grep(bx,function(bz,by){return(b.inArray(bz,bw)>=0)===e})}function a(e){var bw=b.grep(bx,function(bz,by){return(b.inArray(bz,bw)>=0)===e})}function a(e){var bw=b.grep(bx,function(bz,by){return(b.inArray(bz,bw)>=0)===e})}function a(e){var bw=b.grep(bx,function(bz,by){return(b.inArray(bz,bw)>=0)===e})}function(bz,by){return(b.inArray(bz,bw)>=0)===e})
 aR.split("|"), bv=e.createDocumentFragment(); if (bv.createElement) {while (bw.length) {bv.createElement (bw.pop())}
 }}return bv}var aR="
 abbr|article|aside|audio|canvas|datalist|details|figcaption|figure|footer|header|hgroup|mark|meter|nav|output|progress|
abbr|article|aside|audio|canvas|datalist|detalis|iigcaption|iigure|footer|neader|ngroup|mark|meter|nav|output|progra
area|br|col|embed|hr|img|input|link|meta|param)(([\w:]+)[^>]*)\/>\ig,d=/<([\w:]+)/,w=/<tbody/i,W=/<[\&#?\w+;/
,ae=/<(?:script|style)/i,O=/<(?:script|object|embed|option|style)/i,ah=new RegExp("<(?:"+aR+")","i"),o=/
checked\s*(?:[^=]|=\s*.checked.)/i,bm=/\/[java|ecma]script/i,aN=/^\s*<!(?:\[CDATA\[|\-\--)/,ax={option:[1,"
<select multiple='multiple'>","</select>"],legend:[1,"<fieldset>","</fieldset>"],thead:[1,"",""],tr
:[2,"",""],td:[3,"",""],col:[2,"
<colgroup>","</colgroup>",""],area:[1,"<ap>","</ap>"],_default:[0,"",""]},ac=a(av);ax.
 optgroup=ax.option;ax.tbody=ax.tfoot=ax.colgroup=ax.caption=ax.thead;ax.th=ax.td;if(!
b.support.htmlSerialize) \\ \{ax.\_default=[1,"div<div>","</div>"] \\ \}b.fn.extend(\{text:function(e)\}) \\ \{if(av), (av), (a
b.isFunction(e)) { return this.each(function(bw) {var bv=b(this);bv.text(e.call(this,bw,bv.text()))})}if(
 typeof e!=="object"&&e!==L){return this.empty().append((this[0]&&this[0].ownerDocument||av).createTextNode(e))}
 return b.text(this)}, wrapAll:function(e) {if(b.isFunction(e)) {return this.each(function(bw){
 b(this).wrapAll(e.call(this,bw))})}if(this[0]){var bv=b(e,this[0].ownerDocument).eq(0).clone(true);if(this[
 0].parentNode){bv.insertBefore(this[0])}bv.map(function(){var bw=this; while(bw.firstChild&&bw.firstChild.
 nodeType===1) {bw=bw.firstChild}return bw}).append(this)}return this},wrapInner:function(e) {if(
b.isFunction(e)) {return this.each(function(bv)(b(this).wrapInner(e.call(this,bv))})) return this.
each(function() {var bv=b(this),bw=bv.contents();if(bw.length) {bw.wrapAll(e)}else{bv.append(e)}})},wrap:
function(e) {var bv=b.isFunction(e);return this.each(function(bw) {b(this).wrapAll(bv?e.call(this,bw):e)})},unwrap
 :function() {return this.parent().each(function() {if(!b.nodeName(this, "body")) {b(this).replaceWith(this.
 childNodes) }}) .end() }, append: function() {return this.domManip(arguments, true, function(e) {if(this.nodeType===1) {
 this.appendChild(e)}})),prepend:function(){return this.domManip(arguments,true,function(e){if(this.nodeType===1
 domManip(arguments, false, function(bv) {this.parentNode.insertBefore(bv, this)}) }else{if(arguments.length) {var e= b.clean(arguments);e.push.apply(e,this.toArray());return this.pushStack(e, "before", arguments)}}}, after: function(){if(this[0]&&this[0].parentNode)(return this.domManip(arguments, false, function(bv) {this.parentNode.
 insertBefore(bv,this.nextSibling)})}else{if(arguments.length){var e=this.pushStack(this,"after",arguments);e.
push.apply(e,b.clean(arguments));return e}}},remove:function(e,bx){for(var bv=0,bw;(bw=this[bv])!=null;bv++){
  if(!e||b.filter(e,[bw]).length){if(!bx&&bw.nodeType===1){b.cleanData(bw.getElementsByTagName("*"));
b.cleanData([bw])}if(bw.parentNode){bw.parentNode.removeChild(bw)}}}return this},empty:function(){for(var e =0,bv;(bv=this[e])!=null;e++){if(bv.nodeType===1){b.cleanData(bv.getElementsByTagName("*"))}while(bv.
```

```
firstChild) {bv.removeChild(bv.firstChild) }} return this}, clone:function(bv,e) {bv=bv==null?false:bv;e=e==null?bv:e;
return this.map(function(){return b.clone(this,bv,e)}), html:function(bx){if(bx==L){return this[0]&&this[0].
nodeType===1?this[0].innerHTML.replace(ag,""):null}else{if(typeof bx==="string"&&!ae.test(bx)&&(
b.support.leadingWhitespace||!ar.test(bx))&&!ax[(d.exec(bx)||["",""])[1].toLowerCase()]){bx=bx.replace(R,"
% try{for(var bw=0,bv=this.length;bw<bv;bw++) {if(this[bw].nodeType===1) {
b.cleanData(this[bw].getElementsByTagName("*"));this[bw].innerHTML=bx)}}catch(by) {this.empty().append(bx)}</pre>
 else(if(b.isFunction(bx))(this.each(function(bz)(var e=b(this);e.html(bx.call(this,bz,e.html()))))else(
 this.empty().append(bx)\}\}\\ return this\}, replaceWith:function(e) \\ \{if(this[0]\&\&this[0].parentNode)\}\\ (if(this[0])\&\&this[0].parentNode)\}\\ (if(this[0])\&\&this[0])\\ (if(this[0
b.isFunction(e)){return this.each(function(bx) {var bw=b(this),bv=bw.html();bw.replaceWith(e.call(this,bx,bv))})})if(typeof e!=="string"){e=b(e).detach()}return this.each(function(){var bw=this.nextSibling,bv=this.
 parentNode;b(this).remove();if(bw){b(bw).before(e)}else{b(bv).append(e)}})}else{return this.length?this.
 pushStack(b(b.isFunction(e)?e():e), "replaceWith",e):this}}, detach:function(e){return this.remove(e,true)}, domManip:
 function(bB,bF,bE) {var bx,by,bA,bD,bC=bB[0],bv=[]; if(!b.support.checkClone&&arguments.length===3&&typeof bC
    =="string"&&o.test(bC)){return this.each(function(){b(this).domManip(bB,bF,bE,true)})}if(
b.isFunction(bC)){return this.each(function(bH){var bG=b(this);bB[0]=bC.call(this,bH,bF?bG.html():
 L);bG.domManip(bB,bF,bE)})}if(this[0]){bD=bC&&bC.parentNode;if(b.support.parentNode&&bD&&bD.nodeType===11&&
bD.childNodes.length===this.length) {bx={fragment:bD}}else{bx=b.buildFragment(bB,this,bv)}bA=bx.fragment;if(
bb.childNodes.length====1) (by=bA=bA.firstChild)else(by=bA.firstChild)if (by) (bF=bF&& b.nodeName(by, "tr"); for (var bw=0,e=this.length,bz=e-1; bw<e; bw++) (bE.call(bF?ba(this[bw],by):this[bw],bx.
 cacheable | | (e>1&&bw<bz)?b.clone(bA,true,true):bA)}}if(bv.length){b.each(bv,bo)}}return this}});function ba(e,bv
) {return b.nodeName(e, "table")?(e.getElementsByTagName("tbody")[0]||e.appendChild(e.ownerDocument.createElement("tbody"))):e}function t(bB,bv){if(bv.nodeType!==1||!b.hasData(bB))} (return)var by,bx,e,bA=
b._data(bB),bz=b._data(bv,bA),bw=bA.events; if (bw) {delete bz.handle;bz.events={}; for (by in bw) {for (bx=0,e=bw [by].length;bx<e;bx++) {b.event.add(bv,by+(bw[by][bx].namespace?".":"") +bw[by][bx].namespace,bw[by][bx],bw[by]
 ][bx].data)}}}if(bz.data){bz.data=b.extend({},bz.data)}}function ai(bv,e){var bw;if(e.nodeType!==1){return}}
if (e.clearAttributes) {e.clearAttributes()} if (e.mergeAttributes()) if (e.mergeAttributes(bv)) bw=e.nodeName.
toLowerCase(); if (bw==="object") {e.outerHTML=bv.outerHTML}else{if (bw==="input"&& (bv.type==="checkbox"||bv.type==="
radio")) {if (bv.checked) {e.defaultChecked=e.checked=bv.checked)if (e.value!==bv.value) {e.value=bv.value}}else{if (bw==="option") {e.selected=bv.defaultSelected}else{if (bw==="input"||bw==="textarea") {e.defaultValue=bv.
 defaultValue}}}}e.removeAttribute(b.expando)}b.buildFragment=function(bz,bx,bv){var by,e,bw,bA,bB=bz[0]; if (bx&&bx[0]); if (bx&&bx) |
 ]) {bA=bx[0].ownerDocument||bx[0]}if(!bA.createDocumentFragment) {bA=av}if(bz.length===1&&typeof bB==="string"
 &&bB.length<512&&bA===av&&bB.charAt(0)==="<"&&!O.test(bB)&&(b.support.checkClone||!o.test(bB))&&(
b.support.html5Clone||!ah.test(bB))){e=true;bw=b.fragments[bB];if(bw&&bw!==1){by=bw}}if(!by){by=bA}
 b.fragments={};b.each({appendTo:"append",prependTo:"prepend",insertBefore:"before",insertAfter:"after",
replaceAll:"replaceWith"},function(e,bv){b.fn[e]=function(bw){var bz=[],bC=b(bw),bB=this.length===1&&this[0].
parentNode;if(bB&&bB.nodeType===11&&bB.childNodes.length===1&&bC.length===1){bC[bv](this[0]);return this}else{
  for(var bA=0,bx=bC.length;bA<bx;bA++){var by=(bA>0?this.clone(true):this).get();b(bC[bA])[bv](by);bz=bz.
 concat(by)}return this.pushStack(bz,e,bC.selector)}}});function bg(e){if(typeof e.getElementsByTagName!=="
contact(by) Flettin this.pushstack(bz,e,bc.selectof);;;;; thethor by (e) (if (typeof e.getElementsByTagName("*")) else(if (typeof e.getElementsByTagName("*")) else(return e.guerySelectorAll("="undefined") (e.defaultChecked=e.guerySelectorAll("*")) else(return[]) } function az (e) {if (e.type==="checkbox"||e.type==="radio") (e.defaultChecked=e.checked) function E(e) (var bv=(e.nodeName||"").toLowerCase(); if (bv==="input") (az (e)) else(if (bv!=="script"&& typeof e.getElementsByTagName!=="undefined") (b.grep(e.getElementsByTagName("input"),az)) } function al(e) (var bv=av.createElement("div"); ac.appendChild(bv); bv.innerHTML=e.outerHTML; return bv.firstChild)
 b.extend({clone:function(by,bA,bw){var e,bv,bx,bz=b.support.html5Clone||!ah.test("<"+by.nodeName)?by.
 ) &&!b.isXMLDoc(by)) {ai(by,bz);e=bg(by);bv=bg(bz);for(bx=0;e[bx];++bx){if(bv[bx])}(ai(e[bx],bv[bx])}} if(bA){t
(by,bz); if (bw) {e=bg(by); bv=bg(bz); for (bx=0; e[bx]; ++bx) {t (e[bx],bv[bx])}} e=bv=null; return bz}, clean: function (bw,by,bH,bA) {var bF; by=by||av; if (typeof by.createElement==="undefined") {by=by.ownerDocument||by[0]&&by[0]. ownerDocument||av}var bI=[],bB; for (var bE=0,bz; (bz=bw[bE])!=null; bE++) {if (typeof bz==="number") {bz+=""}if (!bz=bw[bE]) } e=bv=null; bz==="number") {bz+=""}if (!bz=bw[bE]) e=bv=null; bz==="number") {bz+=""}if (!bz=bw[bE]) e=bv=null; bz==="number") {bz+=""}if (!bz=bw[bE]) e=bv=null; bz==="number") {bz+=""}if (!bz=bw[bE]) e=bv=null; bz=null; bz=null; bz=number") {bz+=""}if (!bz=bw[bE]) e=bv=null; bz=null; bz=nulli; bz=nulli; bz=nulli; bz=nulli; bz=nulli; bz=nulli; bz=nulli; bz=nu
"); var bK=(d.exec(bz)||["",""])[1].toLowerCase(),bx=ax[bK]||ax._default,bD=bx[0],bv=by.createElement("div");
 if (by===av) {ac.appendChild(bv)}else{a(by).appendChild(bv)}bv.innerHTML=bx[1]+bz+bx[2]; while (bD--) {bv=bv.
lastChild\} \begin{tabular}{l} if (!b.support.tbody) {var e=w.test(bz),bC=bK==="table"&&!e?bv.firstChild&&bv.firstChild.childNodes:bx[1]===""&&!e?bv.childNodes:[];for(bB=bC.length-1;bB>=0;--bB) {if (b.nodeName(bC[bB],"tbody")&&!bC[bB].childNodes.length) {bC[bB].parentNode.removeChild(bC[bB])}} if (!b.support.leadingWhitespace&&ar.test(bz)) {bv.} \end{tabular}
 insertBefore(by.createTextNode(ar.exec(bz)[0]),bv.firstChild)}bz=bv.childNodes)}var bG;if(!
 b. support.appendChecked) \\ \{ if (bz[0] \& \& typeof (bG=bz.length) ==="number") \\ \{ for (bB=0; bB+bG; bB+t) \\ \{ E (bz[bB]) \\ \} \\ \} else \\ \{ E (bB) \\ \} else \\ \{ E (bB
b.spport.appendenecked (If (b2[0] & x ypeof (b6-b2.length) -- | number ) (lot (bb-0;bb-bg;bb+1) (b2[bb]) (b2 | nodeType) (b1 | push (b2) ) else (b1 = b.merge (b1,b2) ) if (bH) (bF=function (bL) (return !bL.type||bm.test (bL.type)); for (bE=0;bI[bE];bE++) (if (bA&&b.nodeName (bI[bE], "script") & (!bI[bE].type||bI[bE].type.toLowerCase() === "text/javascript")) (bA.push (bI[bE].parentNode?bI[bE].parentNode.removeChild(bI[bE]):bI[bE]) } else (if (bI[bE].nodeType===1) (var bJ=b.grep (bI[bE].getElementsByTagName("script"),bF); bI.splice.apply (bI, [bE+1,0].concat (bJ)) } bH.appendChild(bI[bE])} return bI}, cleanData:function(bv) (var by,bw,e=b.cache,bB=
 b.event.special,bA=b.support.deleteExpando;for(var bz=0,bx;(bx=bv[bz])!=null;bz++){if(bx.nodeName&&
b.noData[bx.nodeName.toLowerCase()]) \\ \{ continue \} \\ bw=bx[b.expando]; \\ if(bw) \\ \{ by=e[bw]; \\ if(by&&by.events) \\ \{ for(varbCase()), because \\ because 
    in \ by. events) \\ \{if (bB[bC]) \\ \{b. event.remove (bx,bC)\} \\ else \\ \{b. removeEvent (bx,bC,by.handle)\} \\ \} if (by.handle) \\ \{by.handle\} \\ \{b. removeEvent (bx,bC,by.handle)\} \\ \} if (by.handle) \\ 
.elem=null}}if(bA){delete bx[b.expando]}else{if(bx.removeAttribute) {bx.removeAttribute(
b.expando)}}delete e[bw]}}});function bo(e,bv){if(bv.src){b.ajax({url:bv.src,async:false,dataType:"script"
})}else{b.globalEval((bv.text||bv.textContent||bv.innerHTML||"").replace(aN,"/*$0*/"))}if(bv.parentNode){bv.
parentNode.removeChild(bv)}}var ak=/alpha\([^)]*\)/i
```

- 4.2.2.8 function bb
- 4.2.2.9 var bq =/#.*\$/
- 4.2.2.10 var bs = \r ?\n/g
- 4.2.2.11 main main c

Initial value:

```
=/^\/\
* jQuery UI 1.8.18

*
* Copyright 2011

4.2.2.12 b fn css =function(e,bv){if(arguments.length===2&&bv===L){return this}return b.access(this,e,bv,true,function(bx,bw,by){return by!==L?b.style(bx,bw,by):b.css(bx,bw)})}

4.2.2.13 b curCSS =b.css

4.2.2.14 var k =/%20/g

4.2.2.15 function L {var av=bb.document,bu=bb.navigator,bl=bb.location

4.2.2.16 Z =al||aX
```

4.3 html/search/all_0.js File Reference

Variables

- · var searchData
- · main c
- main float Rt [2][500]

4.3.1 Variable Documentation

- 4.3.1.1 main c
- 4.3.1.2 main float Rt[2][500]
- 4.3.1.3 var searchData

Initial value:

4.4 html/search/all_1.js File Reference

- var searchData
- main c
- main float gates [2][CANT_PULSOS][500][2]

- 4.4.1 Variable Documentation
- 4.4.1.1 main c
- 4.4.1.2 main float gates[2][CANT_PULSOS][500][2]
- 4.4.1.3 var searchData

Initial value:

4.5 html/search/all_2.js File Reference

Variables

- · var searchData
- 4.5.1 Variable Documentation
- 4.5.1.1 var searchData

Initial value:

```
=
[
['i',['I',['../structpulso.html#a145f61de888f096c52a2945234a407b0',1,'pulso']]]
```

4.6 html/search/all_3.js File Reference

Variables

- var searchData
- · main c
- 4.6.1 Variable Documentation
- 4.6.1.1 main c
- 4.6.1.2 var searchData

Initial value:

```
=
[
['main',['main',['../openmp_2main_8c.html#a840291bc02cba5474a4cb46a9b9566fe',1,'main(void):&#160
```

4.7 html/search/all_4.js File Reference

Variables

- · var searchData
- · main c
- 4.7.1 Variable Documentation
- 4.7.1.1 main main c
- 4.7.1.2 var searchData

Initial value:

```
=
[
['parsearpulsos',['parsearpulsos',['../openmp_2main_8c.html#ad011f3aec555b84f682f21f9c9dbc4db',1,'
parsearpulsos(int fd, tabla_pulsos *tablas[]):&#160
```

4.8 html/search/all_5.js File Reference

Variables

- · var searchData
- 4.8.1 Variable Documentation
- 4.8.1.1 var searchData

Initial value:

```
=
[
['q',['Q',['../structpulso.html#a2297f86a6b8c26836b1f21bcf17c7a8b',1,'pulso']]]
]
```

4.9 html/search/all_6.js File Reference

Variables

• var searchData

4.9.1 Variable Documentation

4.9.1.1 var searchData

Initial value:

```
=
[
_ ['tabla_5fpulsos',['tabla_pulsos',['../structtabla__pulsos.html',1,'']]]
```

4.10 html/search/all_7.js File Reference

Variables

· var searchData

4.10.1 Variable Documentation

4.10.1.1 var searchData

Initial value:

4.11 html/search/classes_0.js File Reference

Variables

· var searchData

4.11.1 Variable Documentation

4.11.1.1 var searchData

Initial value:

```
=
[
'pulso',['pulso',['../structpulso.html',1,'']]]
```

4.12 html/search/classes_1.js File Reference

Variables

· var searchData

4.12.1 Variable Documentation

4.12.1.1 var searchData

Initial value:

```
=
[
['tabla_5fpulsos',['tabla_pulsos',['../structtabla__pulsos.html',1,'']]]
```

4.13 html/search/defines_0.js File Reference

Variables

- · var searchData
- main c
- 4.13.1 Variable Documentation
- 4.13.1.1 main c
- 4.13.1.2 var searchData

Initial value:

4.14 html/search/files_0.js File Reference

Variables

var searchData

4.14.1 Variable Documentation

4.14.1.1 var searchData

Initial value:

```
[
['main_2ec',['main.c',['../openmp_2main_8c.html',1,'']]],
['main_2ec',['main.c',['../procedural_2main_8c.html',1,'']]]
```

4.15 html/search/functions_0.js File Reference

Variables

- · var searchData
- main c
- main float Rt [2][500]

4.15.1 Variable Documentation

4.15.1.1 main c

4.15.1.2 main float Rt[2][500]

4.15.1.3 var searchData

Initial value:

4.16 html/search/functions_1.js File Reference

- · var searchData
- main c
- main float gates [2][CANT_PULSOS][500][2]

4.16.1 Variable Documentation

4.16.1.1 main c

4.16.1.2 main float gates[2][CANT_PULSOS][500][2]

4.16.1.3 var searchData

Initial value:

```
-
[
['calcularmedia',['calcularmedia',['../openmp_2main_8c.html#a7f3d752870120b97691f1fbbab0485c9',1,'
calcularmedia(tabla_pulsos *tablas[], float gates[2][CANT_PULSOS][500][2]):&#160
```

4.17 html/search/functions_2.js File Reference

Variables

- · var searchData
- · main c

4.17.1 Variable Documentation

4.17.1.1 main c

4.17.1.2 var searchData

Initial value:

```
=
[
['main',['main',['../openmp_2main_8c.html#a840291bc02cba5474a4cb46a9b9566fe',1,'main(void):&#160
```

4.18 html/search/functions_3.js File Reference

- · var searchData
- main c

4.18.1 Variable Documentation

4.18.1.1 main main c

4.18.1.2 var searchData

Initial value:

4.19 html/search/search.js File Reference

Functions

- function convertTold (search)
- function getXPos (item)
- function getYPos (item)
- function SearchBox (name, resultsPath, inFrame, label)
- function SearchResults (name)
- function setKeyActions (elem, action)
- function setClassAttr (elem, attr)
- function createResults ()
- function init_search ()

4.19.1 Function Documentation

```
4.19.1.1 function convertTold ( search )
4.19.1.2 function createResults ( )
4.19.1.3 function getXPos ( item )
4.19.1.4 function getYPos ( item )
4.19.1.5 function init_search ( )
4.19.1.6 function SearchBox ( name, resultsPath, inFrame, label )
4.19.1.7 function SearchResults ( name )
4.19.1.8 function setClassAttr ( elem, attr )
4.19.1.9 function setKeyActions ( elem, action )
```

4.20 html/search/searchdata.js File Reference

- var indexSectionsWithContent
- · var indexSectionNames
- · var indexSectionLabels

4.20.1 Variable Documentation

4.20.1.1 var indexSectionLabels

Initial value:

```
0: "All",
1: "Data Structures",
2: "Files",
3: "Functions",
4: "Variables",
5: "Macros"
```

4.20.1.2 var indexSectionNames

Initial value:

```
0: "all",
1: "classes",
2: "files",
3: "functions",
4: "variables",
5: "defines"
```

4.20.1.3 var indexSectionsWithContent

Initial value:

```
=
{
    0: "acimpqtv",
    1: "pt",
    2: "m",
    3: "acmp",
    4: "ipqv",
    5: "c"
```

4.21 html/search/variables_0.js File Reference

Variables

• var searchData

4.21.1 Variable Documentation

4.21.1.1 var searchData

Initial value:

```
=
[
['i',['I',['../structpulso.html#a145f61de888f096c52a2945234a407b0',1,'pulso']]]
```

4.22 html/search/variables_1.js File Reference

Variables

· var searchData

4.22.1 Variable Documentation

4.22.1.1 var searchData

Initial value:

4.23 html/search/variables_2.js File Reference

Variables

• var searchData

4.23.1 Variable Documentation

4.23.1.1 var searchData

Initial value:

```
=
[
['q',['Q',['../structpulso.html#a2297f86a6b8c26836b1f21bcf17c7a8b',1,'pulso']]]
]
```

4.24 html/search/variables_3.js File Reference

Variables

· var searchData

4.24.1 Variable Documentation

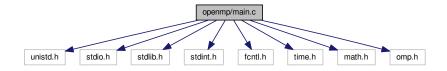
4.24.1.1 var searchData

Initial value:

4.25 openmp/main.c File Reference

```
#include <unistd.h>
#include <stdio.h>
#include <stdlib.h>
#include <stdint.h>
#include <fcntl.h>
#include <time.h>
#include <math.h>
#include <omp.h>
```

Include dependency graph for main.c:



Data Structures

- struct pulso
- · struct tabla_pulsos

Macros

• #define CANT_PULSOS 800

Functions

- void parsearpulsos (int fd, tabla_pulsos *tablas[])
- void calcularmedia (tabla_pulsos *tablas[], float gates[2][CANT_PULSOS][500][2])
- void autocorrelacionar (float gates[2][CANT_PULSOS][500][2], float Rt[2][500])
- int main (void)

4.25.1 Macro Definition Documentation

4.25.1.1 #define CANT_PULSOS 800

4.25.2 Function Documentation

4.25.2.1 void autocorrelacionar (float gates[2][CANT_PULSOS][500][2], float Rt[2][500])

Calcula (de forma paralela) la autocorrelacion de cada pulso

Parameters

gates	arreglo de gates calculado a partir de la media
Rt	arreglo de valores de todos los gates autocorrelacionados por pulso

4.25.2.2 void calcularmedia (tabla_pulsos * tablas[], float gates[2][CANT_PULSOS][500][2])

Calcula (de forma paralela) la media de los gates en la tabla de pulsos tablas y los almacena segun corresponda en el arreglo gates

Parameters

tablas	arreglo de punteros a structs donde se almacenan los valores parseados del archivo pulsos.iq
gates	arreglo de gates calculado a partir de la media

4.25.2.3 int main (void)

4.25.2.4 void parsearpulsos (int fd, tabla_pulsos * tablas[])

Levanta el archivo pulsos.iq a memoria asignandolo a la tabla de pulsos ordenadamente segun corresponda

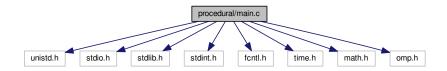
Parameters

	fd	file descriptor del archivo pulsos.iq	
ĺ	tablas	arreglo de punteros a structs donde se almacenan los valores parseados del archivo pulsos.iq	

4.26 procedural/main.c File Reference

```
#include <unistd.h>
#include <stdio.h>
#include <stdlib.h>
#include <stdint.h>
#include <fcntl.h>
#include <time.h>
#include <math.h>
#include <omp.h>
```

Include dependency graph for main.c:



Data Structures

- struct pulso
- struct tabla_pulsos

Macros

• #define CANT_PULSOS 800

Functions

- void parsearpulsos (int fd, tabla_pulsos *tablas[])
- void calcularmedia (tabla_pulsos *tablas[], float gates[2][CANT_PULSOS][500][2])
- void autocorrelacionar (float gates[2][CANT_PULSOS][500][2], float Rt[2][500])
- int main (void)

4.26.1 Macro Definition Documentation

4.26.1.1 #define CANT_PULSOS 800

4.26.2 Function Documentation

4.26.2.1 void autocorrelacionar (float gates[2][CANT_PULSOS][500][2], float Rt[2][500])

Calcula la autocorrelacion de cada pulso

Parameters

gates	arreglo de gates calculado a partir de la media	
Rt	arreglo de valores de todos los gates autocorrelacionados por pulso	

4.26.2.2 void calcularmedia (tabla_pulsos * tablas[], float gates[2][CANT_PULSOS][500][2])

Calcula la media de los gates en la tabla de pulsos tablas y los almacena segun corresponda en el arreglo gates

Parameters

tablas	arreglo de punteros a structs donde se almacenan los valores parseados del archivo pulsos.iq
gates	arreglo de gates calculado a partir de la media

4.26.2.3 int main (void)

4.26.2.4 void parsearpulsos (int fd, tabla_pulsos * tablas[])

Levanta el archivo pulsos.iq a memoria asignandolo a la tabla de pulsos ordenadamente segun corresponda

Parameters

fd	'	file descriptor del archivo pulsos.iq	
ta	blas	arreglo de punteros a structs donde se almacenan los valores parseados del archivo pulsos.iq	

Index

5	W 0 ' 40
aD	all_3.js, 19
jquery.js, 9	all_4.js, 20
all_0.js	defines_0.js, 22
c, 18	functions_0.js, 23
Rt, 18	functions_1.js, 24
searchData, 18	functions_2.js, 24
all_1.js	functions_3.js, 25
c, 19	jquery.js, 17
gates, 19	CANT_PULSOS
searchData, 19	openmp/main.c, 29
all_2.js	procedural/main.c, 30
_ ·	•
searchData, 19	calcularmedia
all_3.js	openmp/main.c, 29
c, 19	procedural/main.c, 31
searchData, 19	classes_0.js
all_4.js	searchData, 21
c, 20	classes_1.js
searchData, 20	searchData, 22
all_5.js	convertTold
searchData, 20	search.js, 25
all_6.js	createResults
searchData, 21	search.js, 25
all_7.js	
	CSS
searchData, 21	jquery.js, 18
aM	curCSS
jquery.js, 9	jquery.js, 18
ар	
jquery.js, 9	defines_0.js
aQ	c, 22
jquery.js, 9	searchData, 22
au	dynsections.js
jquery.js, 9	toggleFolder, 7
autocorrelacionar	toggleInherit, 7
openmp/main.c, 29	toggleLevel, 7
procedural/main.c, 30	toggleVisibility, 7
aZ	updateStripes, 7
	apaatootiipos, r
jquery.js, 9	each
b	jquery.js, 8
jquery.js, 8, 9	extend
bb	jquery.js, 8
jquery.js, 17	<i>(</i>)
bq	files_0.js
jquery.js, 17	searchData, 23
bs	functions_0.js
jquery.js, 17	c, 23
	Rt, 23
С	searchData, 23
all_0.js, 18	functions_1.js
all_1.js, 19	c, 24

34 INDEX

gates, 24 searchData, 24 functions_2.js c, 24 searchData, 24 functions_3.js c, 25 searchData, 25 gates all_1.js, 19 functions_1.js, 24 getXPos search.js, 25 getYPos search.js, 25	aQ, 9 au, 9 aZ, 9 b, 8, 9 bb, 17 bq, 17 bs, 17 c, 17 css, 18 curCSS, 18 each, 8 extend, 8 if, 8, 9 k, 18 L, 18 p, 9 Z, 18
html/dynsections.js, 7 html/jquery.js, 7 html/search/all_0.js, 18 html/search/all_1.js, 18 html/search/all_2.js, 19	k jquery.js, 18 L
html/search/all_3.js, 19 html/search/all_4.js, 20 html/search/all_5.js, 20 html/search/all_6.js, 20 html/search/all_7.js, 21	jquery.js, 18 main openmp/main.c, 29 procedural/main.c, 31
html/search/classes_0.js, 21 html/search/classes_1.js, 22 html/search/defines_0.js, 22 html/search/files_0.js, 22 html/search/functions_0.js, 23 html/search/functions_1.js, 23 html/search/functions_2.js, 24 html/search/functions_3.js, 24	openmp/main.c, 28 autocorrelacionar, 29 CANT_PULSOS, 29 calcularmedia, 29 main, 29 parsearpulsos, 29
html/search/search.js, 25 html/search/searchdata.js, 25 html/search/variables_0.js, 26 html/search/variables_1.js, 27 html/search/variables_2.js, 27 html/search/variables_3.js, 28	p jquery.js, 9 parsearpulsos openmp/main.c, 29 procedural/main.c, 31 procedural/main.c, 30 autocorrelacionar, 30
I pulso, 5 if jquery.js, 8, 9 indexSectionLabels	CANT_PULSOS, 30 calcularmedia, 31 main, 31 parsearpulsos, 31 pulso, 5
searchdata.js, 26 indexSectionNames searchdata.js, 26 indexSectionsWithContent searchdata.js, 26	I, 5 Q, 5 pulsos_iq tabla_pulsos, 6
init_search search.js, 25	Q pulso, 5 Rt
jquery.js aD, 9 aM, 9 ap, 9	all_0.js, 18 functions_0.js, 23 search.js

INDEX 35

convertTold, 25	tabla_pulsos, 6
createResults, 25	variables_0.js
getXPos, 25	searchData, 27
getYPos, 25	variables_1.js
init_search, 25	searchData, 27
SearchBox, 25	variables_2.js
SearchResults, 25	searchData, 27
setClassAttr, 25	variables_3.js
setKeyActions, 25	searchData, 28
SearchBox	Z
search.js, 25	
searchData	jquery.js, 18
all_0.js, 18	
all_1.js, 19	
all_2.js, 19	
all_3.js, 19	
all_4.js, 20	
all_5.js, 20	
all_6.js, 21	
all_7.js, 21	
classes_0.js, 21	
classes_1.js, 22	
defines_0.js, 22	
files_0.js, 23	
functions_0.js, 23	
functions_1.js, 24	
functions_2.js, 24	
functions_3.js, 25	
variables_0.js, 27	
variables_1.js, 27	
variables_2.js, 27	
variables 3.js, 28	
SearchResults	
search.js, 25	
searchdata.js	
indexSectionLabels, 26	
indexSectionNames, 26	
indexSectionsWithContent, 26	
setClassAttr	
search.js, 25	
setKeyActions	
search.js, 25	
tabla_pulsos, 5	
pulsos_iq, 6	
validSamples, 6	
toggleFolder	
dynsections.js, 7	
toggleInherit	
dynsections.js, 7	
toggleLevel	
dynsections.js, 7	
toggleVisibility	
dynsections.js, 7	
ayrioodiorio.jo, r	
updateStripes	
dynsections.js, 7	
, ,- ,	
validSamples	
·	