<pre>/Users/lplopa/Compare/camb_simdata/inif ile.f90, Top line: 1</pre>		<pre>/Users/lplopa/Compare/camb_des/inifile. f90, Top line: 1</pre>		
001 002	!Module to read in name/value !Should correctly interpret FI	001	!Module to read in name/va !Should correctly interpre	
003	!Antony Lewis (http://cosmolog	003	!Antony Lewis (http://cosm	
004	!Apr 11, added support for INC	004	!Apr 11, added support for	
005	!Jun 12, added support for DEF	005	!Jun 12, added support for	
006		006		
007	module IniFile	007	module IniFile	
008 009	implicit none public	008	implicit none public	
010	public	010	public	
011	integer, parameter :: Ini ma	011	integer, parameter :: Ini	
012	_	012	<i>3 , 1</i>	
013	integer, parameter :: Ini_ma	013	integer, parameter :: Ini_	
014	logical :: Ini_fail_on_not_f	014	logical :: Ini_fail_on_not	
015	legical Toi Wake Dood -	015	lowing to I was Book -	
016 017	logical :: Ini_Echo_Read = .	016 017	logical :: Ini_Echo_Read =	
018	logical :: Ini AllowDuplicat	018	logical :: Ini AllowDuplic	
019		019		
020	type TNameValue	020	type TNameValue	
021	!no known way to make chara	021	!no known way to make	
022	character(Ini_max_name_len	022	character(Ini_max_name	
023	character(Ini_max_string_l	023	character(Ini_max_stri	
024 025	end type TNameValue	024 025	end type TNameValue	
026	type TNameValue pointer	026	type TNameValue pointer	
027	Type(TNameValue), pointer	027	Type(TNameValue), poin	
028	end type TNameValue pointer	028	end type TNameValue pointe	
029		029		
030	Type TNameValueList	030	Type TNameValueList	

/Users/	<pre>/lplopa/Compare/camb_simdata/inif</pre>	/Users/lp1d	<pre>opa/Compare/camb_des/inifile.</pre>
ile.f90	O, Top line: 31	f90, Top 1	ine: 31
031	integer Count	031	integer Count
032	integer Delta	032	integer Delta
033	integer Capacity	033	integer Capacity
034	logical ignoreDuplicates	034	logical ignoreDuplicat
035	<pre>type(TNameValue_pointer),</pre>	035	type(TNameValue_pointe
036	end Type TNameValueList	036	end Type TNameValueList
037		037	
038	Type TIniFile	038	Type TIniFile
039	logical SlashComments	039	logical SlashComments
040	Type (TNameValueList) :: L,	040	Type (TNameValueList)
041	end Type TIniFile	041	end Type TIniFile
042		042	
043	Type(TIniFile) :: DefIni	043	Type(TIniFile) :: DefIni
044		044	
045	contains	045	contains
046		046	
047	subroutine TNameValueList_I	047	subroutine TNameValueList_
048	Type (TNameValueList) :: L	i i	Type (TNameValueList) :: L
049	logical, intent(in), optio	049	logical, intent(in), optio
050		050	
051	L%Count = 0	051	L%Count = 0
052	L%Capacity = 0	052	L%Capacity = 0
053	L%Delta = 128	053	L%Delta = 128
054	L%ignoreDuplicates = .fal	054	L%ignoreDuplicates = .fals
055	if (present(ignoreDuplica	055	if (present(ignoreDuplicat
056	nullify(L%Items)	056	nullify(L%Items)
057		057	
058	end subroutine TNameValueLi	058	end subroutine TNameValueL
059		059	
060	subroutine TNameValueList_C	060	subroutine TNameValueList_

/Users/lplopa/Compare/camb_simdata/inif		/Users/lplopa/Compare/camb_des/inifile.			
ile.f	90, Top line: 61	f90,	f90, Top line: 61		
061	Type (TNameValueList) :: L	061	Type (TNameValueList) :: L		
062	integèr i, status	062	integèr i, status		
063		063	•		
064	do i=L%count,1,-1	064	do i=L%count,1,-1		
065	deallocate (L%Items(i)%P,	065	deallocate (L%Items(i)		
066	end do	066	end do		
067	deallocate (L%Items, stat	067	deallocate (L%Items, stat		
068	call TNameValueList_Init(L	068	call TNameValueList_Init(L		
069		069			
070	end subroutine TNameValueLi	070	end subroutine TNameValueL		
071		071			
072	<pre>subroutine TNameValueList_V</pre>	072	subroutine TNameValueList_		
073	Type (TNameValueList), in	073	Type (TNameValueList), int		
074	<pre>character(LEN=*), intent(</pre>	074	<pre>character(LEN=*), intent(i</pre>		
075	<pre>CHARACTER(LEN=*), intent(</pre>	075	<pre>CHARACTER(LEN=*), intent(o</pre>		
076	integer i	076	integer i		
077		077			
078	do i=1, L%Count	078	do i=1, L%Count		
079	<pre>if (L%Items(i)%P%Name =</pre>	079	if (L%Items(i)%P%Name		
080	AValue = L%Items(i)%	080	AValue = L%Items(i		
081	return	081	return		
082	end if	082	end if		
083	end do	083	end do		
084	AValue = ''	084	AValue = ''		
085		085			
086	end subroutine TNameValueLi	086	end subroutine TNameValueL		
087		087			
088		088			
089	function TNameValueList_In	089	function TNameValueList_In		
090	Type (TNameValueList), in	090	Type (TNameValueList), int		

```
/Users/lplopa/Compare/camb simdata/inif
                                         /Users/lplopa/Compare/camb des/inifile.
                                         f90, Top line: 91
ile.f90, Top line: 91
             character(LEN=*), intent(
091
                                         091
                                                     character(LEN=*), intent(i
092
                                         092
             integer :: AValue
                                                     integer :: AValue
093
                                         093
             integer i
                                                     integer i
094
                                         094
                                         095
095
            do i=1, L%Count
                                                     do i=1, L%Count
               if (L%Items(i)%P%Name = 096
096
                                                         if (L%Items(i)%P%Name
097
                                         097
                  AValue = i
                                                             AValue = i
098
                                         098
                  return
                                                             return
099
               end if
                                         099
                                                         end if
100
                                         100
             end do
                                                     end do
101
            AValue = -1
                                         101
                                                     AValue = -1
102
                                         102
          end function TNameValueList
                                         103
                                                     end function TNameValueLis
103
                                         104
104
          function TNameValueList Has
105
                                         105
                                                     function TNameValueList Ha
                                                     Type (TNameValueList), int
106
             Type (TNameValueList), in
                                         106
107
             character(LEN=*), intent(
                                         107
                                                     character(LEN=*), intent(i
108
             logical :: AValue
                                         108
                                                     logical :: AValue
                                         109
109
110
            AValue = TNameValueList I
                                         110
                                                     AValue = TNameValueList In
111
                                         111
          end function TNameValueList
112
                                         112
                                                     end function TNameValueLis
113
                                         113
114
          subroutine TNameValueList A
                                         114
                                                     subroutine TNameValueList
115
            Type (TNameValueList) :: L
                                         115
                                                     Type (TNameValueList) :: L
            character(LEN=*), intent(i
                                                     character(LEN=*), intent(i
116
                                         116
            logical, optional, intent(
                                                     logical, optional, intent(
117
                                         117
                                         118
118
            logical isDefault
                                                     logical isDefault
119
                                         119
120
            if (present(only if undefi
                                         120
                                                     if (present(only if undefi
```

/Users/lplopa/Compare/camb simdata/inif		/Users/lplopa/Compare/camb_des/inifile.		
ile.f	90, Top line: 121	f90, Top line: 121		
121	isDefault = only_if_undef	121	isDefault = only_if_un	
122	else	122	else	
123	isDefault = .true.	123	isDefault = .true.	
124	end if	124	end if	
125	<pre>if ((.not. Ini_AllowDuplic</pre>	125	<pre>if ((.not. Ini_AllowDuplic</pre>	
126	if (L%ignoreDuplicates .	126	if (L%ignoreDuplicates	
127	write (*,*) 'IniFile,TNa	127	write (*,*) 'IniFile,T	
128	stop	128	stop	
129	end if	129	end if	
130	<pre>if (L%Count == L%Capacity)</pre>	130	<pre>if (L%Count == L%Capacity)</pre>	
131	L%Count = L %Count + 1	131	L%Count = L %Count + 1	
132	allocate(L%Items(L%Count)%	132	allocate(L%Items(L%Count)%	
133	L%Items(L%Count)%P%Name =	133	L%Items(L%Count)%P%Name =	
134	L%Items(L%Count)%P%Value =	134	L%Items(L%Count)%P%Value =	
135		135		
136	end subroutine TNameValueLi	136	end subroutine TNameValueL	
137		137		
138	subroutine TNameValueList_S	138	subroutine TNameValueList_	
139	Type (TNameValueList) :: L	139	Type (TNameValueList) :: L	
140	integer C	140	integer C	
141	<pre>type(TNameValue_pointer),</pre>	141	<pre>type(TNameValue_pointer),</pre>	
142		142		
143	if (L%Count > 0) then	143	if (L%Count > 0) then	
144	if (C < L%Count) stop 'T	144	if (C < L%Count) stop	
145	allocate(TmpItems(L%Coun	145	allocate(TmpItems(L%Co	
146	TmpItems = L%Items(1:L%C	146	TmpItems = L%Items(1:L	
147	deallocate(L%Items)	147	deallocate(L%Items)	
148	allocate(L%Items(C))	148	allocate(L%Items(C))	
149	L%Items(1:L%Count) = Tmp	149	L%Items(1:L%Count) = T	
150	deallocate(TmpItems)	150	deallocate(TmpItems)	

<pre>/Users/lplopa/Compare/camb_simdata/inif ile.f90, Top line: 151</pre>		/Users/lplopa/Compare/camb_des/inifile. f90, Top line: 151	
151	else	151	else
152	allocate(L%Items(C))	152	allocate(L%Items(C))
153	end if	153	end if
154	L%Capacity = C	154	L%Capacity = C
155		155	
156	end subroutine TNameValueLi	156	end subroutine TNameValueL
157		157	
158	subroutine TNameValueList D	158	subroutine TNameValueList
159	Type (TNameValueList) :: L	159	Type (TNameValueList) :: \overline{L}
160	<pre>integer, intent(in) :: i</pre>	160	<pre>integer, intent(in) :: i</pre>
161		161	
162	<pre>deallocate(L%Items(i)%P)</pre>	162	deallocate(L%Items(i)%P)
163	if (L%Count > 1) L%Items(163	<pre>if (L%Count > 1) L%Items(i</pre>
164	L%Count = L%Count -1	164	L%Count = L %Count -1
165		165	
166	end subroutine TNameValueLi	166	end subroutine TNameValueL
167		167	
168	subroutine Ini_NameValue_Add	168	subroutine Ini_NameValue_A
169	Type(TIniFile) :: Ini	169	Type(TIniFile) :: Ini
170	<pre>character (LEN=*), intent(</pre>	170	<pre>character (LEN=*), intent(</pre>
171	integer EqPos, slashpos, l	171	integer EqPos, slashpos, l
172	logical, optional, intent(172	logical, optional, intent(
173	logical isDefault	173	logical isDefault
174	character (LEN=len(AInLine	174	character (LEN=len(AInLine
175		175	
176	if (present(only_if_undef	176	if (present(only_if_undefi
177	isDefault = only_if_unde	177	isDefault = only_if_un
178	else	178	else
179	isDefault = .false.	179	isDefault = .false.
180	end if	180	end if

/Users/lplopa/Compare/camb_simdata/inif		/Users/lplopa/Compare/camb_des/inifile.			
ile.f90,	Top line: 181	f90,	f90, Top line: 181		
181	InLine=trim(adjustl(AInL	181	InLine=trim(adjustl(AInLin		
182	EqPos = scan(InLine, '=')	182	<pre>EqPos = scan(InLine, '=')</pre>		
183	if (EqPos/=0 .and. InLin	183	if (EqPos/=0 .and. InLine(
184	` -	184	` -		
185	AName = trim(InLine(1	185	AName = trim(InLine(1:		
186	· ·	186			
187	S = adjustl(InLine(Eq	187	S = adjustl(InLine(EqP))		
188	if (Ini%SlashCommen	188	if (Ini%SlashComments)		
189	slashpos=scan(S,'/'	189	slashpos=scan(S,'/		
190	if (slashpos /= 0)	190	if (slashpos /= 0)		
191	S = S(1:slashpo)	191	S = S(1:slash)		
192	end if	192	end if		
193	end if	193	end if		
194	<pre>lastpos=len_trim(S)</pre>	194	<pre>lastpos=len_trim(S)</pre>		
195	if (lastpos>1) then	195	if (lastpos>1) then		
196	if $(S(1:1)=='''$ an	196	if (S(1:1)=='''' .		
197	S = S(2:lastpos-1)	197	S = S(2:lastpo)		
198	end if	198	end if		
199	end if	199	end if		
200	call TNameValueList_A	200	call TNameValueList_Ad		
201		201			
202	end if	202	end if		
203		203			
204	end subroutine Ini_NameValue	204	end subroutine Ini_NameVal		
205		205			
206	<pre>subroutine Ini_Open(filename</pre>	206	subroutine Ini_Open(filena		
207	<pre>character (LEN=*), intent</pre>	207	character (LEN=*), intent(
208	<pre>integer, intent(IN) :: un</pre>	208	<pre>integer, intent(IN) :: uni</pre>		
209		209	logical, optional, intent(
210	logical, optional, intent	210	logical, optional, intent(

	<pre>Lplopa/Compare/camb_simdata/inif</pre>	_	<pre>opa/Compare/camb_des/inifile.</pre>
	Top line: 211	f90, Top 1	
211	logical aerror	211	logical aerror
212		212	
213	call TNameValueList_Init(213	call TNameValueList_Init(D
214	call TNameValueList Init(214	call TNameValueList Init(D
215	_ `	215	_ `
216	if (present(slash comment	216	<pre>if (present(slash comments</pre>
217	call Ini Open File(DefIn	217	call Ini Open File(Def
218	else	218	else
219	call Ini Open File(DefIn	219	call Ini Open File(Def
220	end if _ ' _ `	220	end if
221		221	
222	<pre>if (present(error)) then</pre>	222	<pre>if (present(error)) then</pre>
223	error = aerror	223	error = aerror
224	else	224	else
225	if (aerror) then	225	if (aerror) then
226	write (*,*) 'Ini Open:	226	write (*,*) 'Ini O
227	stop	227	stop
228	end if	228	end if
229	end if	229	end if
230		230	
231	end subroutine Ini Open	231	end subroutine Ini Open
232		232	.
233	function Ini ExtractFilePath	233	function Ini ExtractFilePa
234	character($\overline{L}EN=*$), intent(I	234	character($LE\overline{N}=*$), intent(I
235	character (LEN=Ini max stri	235	character (LEN=Ini max stri
236	integer len, i	236	integer len, i
237	, –	237	, –
238	<pre>len = len_trim(aname)</pre>	238	<pre>len = len_trim(aname)</pre>
239	do i = len, 1, -1	239	do i = len, 1, -1
240	if (aname(i:i)=='/') th		if (aname(i:i)=='/') t
999991		- 9999991	

/User	s/lplopa/Compare/camb_simdata/inif	/User	s/lplopa/Compare/camb_des/inifile.
ile.f	90, Top line: 241	f90,	Top line: 241
241	Ini ExtractFilePath	241	Ini ExtractFilePat
242	return	242	return
243	end if	243	end if
244	end do	244	end do
245	Ini ExtractFilePath = ''	245	Ini ExtractFilePath = ''
246	_	246	_
247	end function Ini ExtractFile	247	end function Ini ExtractFi
248	_	248	
249	recursive subroutine Ini_Ope	249	recursive subroutine Ini O
250		250	error, slash_comments,
251	Type(TIniFile) :: Ini	251	Type(TIniFile) :: Ini
252		252	
253	character (LEN=*), intent	253	<pre>character (LEN=*), intent(</pre>
254	<pre>integer, intent(IN) :: un</pre>	254	<pre>integer, intent(IN) :: uni</pre>
255	logical, intent(OUT) :: e	255	logical, intent(OUT) :: er
256	logical, optional, intent	256	logical, optional, intent(
257	logical, optional, intent	257	logical, optional, intent(
258	character (LEN=Ini_max_st	258	character (LEN=Ini_max_str
259	integer lastpos, i	259	integer lastpos, i
260	Type (TNameValueList) Inc	260	Type (TNameValueList) Incu
261	logical doappend, FileExi	261	logical doappend, FileExis
262		262	
263	<pre>if (present(append)) then</pre>	263	<pre>if (present(append)) then</pre>
264	doappend=append	264	doappend=append
265	else	265	else
266	doappend=.false.	266	doappend=.false.
267	end if	267	end if
268		268	
269	<pre>if (present(only_if_undef</pre>	269	<pre>if (present(only_if_undefi</pre>
270	isDefault = only_if_un	270	isDefault = only_if_un

/Users/	<pre>lplopa/Compare/camb_simdata/inif</pre>	/Users	<pre>/lplopa/Compare/camb_des/inifile.</pre>
ile.f90	, Top line: 271	f90, T	op line: 271
271	else	271	else
272	<pre>isDefault = .false.</pre>	272	isDefault = .false.
273	end if	273	end if
274		274	
275	if (.not. doappend) then	275	if (.not. doappend) then
276	call TNameValueList_Ini	276	call TNameValueList_In
277	call TNameValueList_Ini	277	call TNameValueList_In
278	end if	278	end if
279		279	
280	call TNameValueList_Init(I	280	call TNameValueList_Init(I
281	call TNameValueList_Init(D	281	call TNameValueList_Init(D
282		282	
283	if (present(slash_comments	283	if (present(slash_comments
284	<pre>Ini%SlashComments = slash</pre>	284	Ini%SlashComments = sl
285	else	285	else
286	Ini%SlashComments = .fals	286	Ini%SlashComments = .f
287	end if	287	end if
288		288	
289	open(unit=unit_id,file=fil	289	open(unit=unit_id,file=fil
290	7.	290	5 -
291	do	291	do
292	read (unit_id, '(a)', end=	292	read (unit_id, '(a)', en
293	<pre>if (InLine == 'END') exi if (InLine == 'END') exi</pre>	293	if (InLine == 'END') e
294	<pre>if (InLine(1:8) == 'INCL</pre>	294	if (InLine(1:8) == 'IN
295	lastpos = scan(InLi	295	lastpos = scan(InL
296 297	if (lastpos/=0) the	296	if (lastpos/=0) th
297	call TNameValueLis	297	call TNameValu
298	else stop 'Ini Open Fil	298	else ston 'Ini Onon
955555	stop 'Ini_Open_Fil	299	stop 'Ini_Open
300	end if	300	end if

/User	s/lplopa/Compare/camb_simdata/inif	/Users	s/lplopa/Compare/camb_des/inifile.
ile.f	90, Top line: 301	f90,	Top line: 301
301	<pre>elseif (InLine(1:8) == '</pre>	301	elseif (InLine(1:8) ==
302	!Settings to read in	302	!Settings to read
303	lastpos = scan(InLin	303	lastpos = scan(InL
304	if (lastpos/=0) the	304	if (lastpos/=0) th
305	call TNameValueLis	305	call TNameValu
306	else	306	else
307	stop 'Ini_Open_Fil	307	stop 'Ini_Open
308	end if	308	end if
309	elseif (InLine /= '') th	309	elseif (InLine /= '')
310	call Ini_NameValue_Add(310	call Ini_NameValue
311	end if	311	end if
312	end do	312	end do
313		313	
314	400 close(unit_id)	314	400 close(unit_id)
315	error=.false.	315	error=.false.
316		316	
317	do i=1, IncudeFiles%Count	317	do i=1, IncudeFiles%Count
318	if (error) exit	318	if (error) exit
319	IncludeFile=IncudeFiles	319	IncludeFile=IncudeFile
320	inquire(file=IncludeFil	320	inquire(file=IncludeFi
321	if (.not. FileExists) t	321	if (.not. FileExists)
322	<pre>IncludeFile=trim(Ini_</pre>	322	IncludeFile=trim(I
323	inquire(file=IncludeF	323	inquire(file=Inclu
324	<pre>if (.not. FileExists)</pre>	324	if (.not. FileExis
325	write(*,*) 'Ini_O	325	write(*,*) 'In
326	stop	326	stop
327	endif	327	end if
328	end if	328	end if
329	call Ini_Open_File(Ini,	329	call Ini_Open_File(Ini
330	erro	330	error, slash_comme

				pa/Compare/camb_des/inifile.
	00, Top line: 331		Top II	ne: 331
331	end do	331		end do
332	<pre>do i=1, DefaultValueFiles%</pre>	332		<pre>do i=1, DefaultValueFiles%</pre>
333	if (error) exit	333		if (error) exit
334	IncludeFile=DefaultValu	334		IncludeFile=DefaultVal
335	inquire(file=IncludeFil	335		inquire(file=IncludeFi
336	<pre>if (.not. FileExists) t</pre>	336		<pre>if (.not. FileExists)</pre>
337	IncludeFile=trim(Ini_	337		<pre>IncludeFile=trim(I</pre>
338	inquire(file=IncludeF	338		inquire(file=Inclu
339	<pre>if (.not. FileExists)</pre>	339		if (.not. FileExis
340	write(*,*) 'Ini_O	340		write(*,*) 'In
341	stop	341		stop
342	end if	342		end if
343	end if	343		end if
344	call Ini Open File(Ini,	344		call Ini Open File(Ini
345	erro	345		error, slash comme
346	end do	346		end do
347		347		
348	call TNameValueList_Clear(348		<pre>call TNameValueList_Clear(</pre>
349	call TNameValueList Clear(349		call TNameValueList Clear(
350		350		– `
351	return	351		return
352		352		
353	500 error=.true.	353	500	error=.true.
354	call TNameValueList_Clear(354		<pre>call TNameValueList_Clear(</pre>
355	call TNameValueList_Clear(355		<pre>call TNameValueList_Clear(</pre>
356		356		_
357	<pre>end subroutine Ini_Open_File</pre>	357		<pre>end subroutine Ini_Open_Fi</pre>
358	— - -	358		
359	subroutine Ini_Open_Fromline	359		<pre>subroutine Ini_Open_Fromli</pre>
360	Type(TIniFile) :: Ini	360		Type(TIniFile) :: Ini

10 10 10 10 10 10 10 10	/User	s/lp1opa/Compare/camb_simdata/inif	/User	s/lplopa/Compare/camb_des/inifile.
integer, intent(IN) :: Num 362 character (LEN=*), dimensi 363 logical, intent(IN) :: sla 364 logical, intent(IN) :: sla 364 integer i 365 366 367 call TNameValueList_Init(I 367 call TNameValueList_Init(I 367 call TNameValueList_Init(I 368 369 370 Ini*SlashComments = slash 370 371 372 do i=1,NumLines 372 call Ini_NameValue_Add(373 send do 374 375 376 end subroutine Ini_Open_Fro 376 377 378 subroutine Ini_Close 378 379 380 call Ini_close_File(DefIni 380 381 382 end subroutine Ini_Close 382 383 384 385 subroutine Ini_Close_File(In 385 387 388 call TNameValueList_Clear(388	ile.f	90, Top line: 361	f90,	Top line: 361
character (LEN=*), dimensi 363 logical, intent(IN) :: sla 364 logical, intent(IN) :: sla 365 366 367 call TNameValueList_Init(I 367 call TNameValueList_Init(I 368 369 370 Ini*SlashComments = slash_ 370 371 372 do i=1,NumLines 372 373 374 375 call Ini_NameValue_Add(374 375 376 end subroutine Ini_Open_Fro 376 377 378 subroutine Ini_Close 378 379 380 call Ini_close_File(DefIni 380 381 382 end subroutine Ini_Close 382 383 384 385 subroutine Ini_Close_File(In 385) 387 388 call TNameValueList_Clear(388 call TNameValueList_Clear(388 call TNameValueList_Clear(388 call TNameValueList_Clear(388	361		361	
character (LEN=*), dimensi 363 logical, intent(IN) :: sla 364 integer i 365 366 367	362	<pre>integer, intent(IN) :: Num</pre>	362	<pre>integer, intent(IN) :: Num</pre>
logical, intent(IN) :: sla 364 integer i 365 366 367 call TNameValueList_Init(I 367 call TNameValueList_Init(I 368 369 370 370 371 372 do i=1,NumLines 371 373 call Ini_NameValue_Add(373 375 376 end subroutine Ini_Open_Fro 376 377 378 380 call Ini_close_File(DefIni 380 381 382 end subroutine Ini_Close 382 383 384 385 subroutine Ini_Close_File(In 386 387 388 call TNameValueList_Clear(388 call TNameVa	363		363	
integer i interelled intered interestal int	364	logical, intent(ÎN) :: sla	364	1
366 367	365		365	· · · · · · · · · · · · · · · · · · ·
368 369 370 371 371 372 373 374 375 376 377 378 379 380 381 381 382 382 384 385 386 387 388call TNameValueList_Init(I 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 384 385 386 387 387call TNameValueList_Init(I 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 387 388call TNameValueList_Init(I 370 371 372 373 373 374 375 376 377 378 380 381 382 383 384 385 386 387 387 388call TNameValueList_Init(I 368 370 372 373 374 375 376 377 378 380 381 382 383 384 385 386 387 387 388call TNameValueList_Init(I 368 370 370 371 372 373 374 374 375 376 377 378 379 370 <td>366</td> <td>3</td> <td>366</td> <td></td>	366	3	366	
368 369 370 371 	367	<pre>call TNameValueList Init(I</pre>	367	call TNameValueList Init(I
369 370 371 371 372 372 373 374 374 375 376 377 378 380 381 382 381 382 383 384 385 387 388 Call Tni_Close_File(Ini_Slash_Sla	368	_ ,	368	·
371 372 do i=1,NumLines call Ini_NameValue_Add(373 end do 374 375 376 377 378 380 381 382 and subroutine Ini_Close 383 384 subroutine Ini_Close 383 384 subroutine Ini_Close 383 384 subroutine Ini_Close 385 386 Type(TIniFile):: Ini 386 387 call TNameValueList_Clear(388 do i=1,NumLines call Ini_NameValue_Add end do 373 end subroutine Ini_Open_F 376 subroutine Ini_Open_F 377 subroutine Ini_Close 378 subroutine Ini_Close 381 subroutine Ini_Close File(In 385 384 subroutine Ini_Close_File(Type(TIniFile):: Ini 386 Type(TIniFile):: Ini 387 call TNameValueList_Clear(369	_ `	369	_ `
371 372	370	<pre>Ini%SlashComments = slash</pre>	370	<pre>Ini%SlashComments = slash</pre>
call Ini_NameValue_Add(373 end do 374 end do 375 end subroutine Ini_Open_Fro 376 377 subroutine Ini_Close 379 379 call Ini_close_File(DefIni 380 381 382 end subroutine Ini_Close 382 subroutine Ini_Close 382 end subroutine Ini_Close 383 384 subroutine Ini_Close_File(In 385 386 Type(TIniFile) :: Ini 386 387 call Ini_mameValueList_Clear(388 call Ini_NameValueList_Clear(388 call Ini_NameValueList_Clear(388 call Ini_NameValueList_Clear(371	_	371	_
call Ini_NameValue_Add(373 end do 374 end do 375 end subroutine Ini_Open_Fro 376 subroutine Ini_Close 378 subroutine Ini_Close 379 call Ini_close_File(DefIni 380 381 end subroutine Ini_Close 382 end subroutine Ini_Close 383 384 subroutine Ini_Close_File(In 385 Type(TIniFile) :: Ini 386 Type(TIniFile) :: Ini 387 call TNameValueList_Clear(388 call TNameValueList_Clear(372	do i=1,NumLines	372	do i=1, NumLines
and do and an arrange and do arrange and do arrange and arrange arrange and arrange arrange and arrange and arrange and arrange arrange arrange and arrange arrange and arrange ar	373	•	373	· ·
end subroutine Ini_Open_Fro 376 377 378 subroutine Ini_Close 378 subroutine Ini_Close 379 380 call Ini_close_File(DefIni 380 381 end subroutine Ini_Close 382 end subroutine Ini_Close 383 384 subroutine Ini_Close_File(In 385 384 subroutine Ini_Close_File(In 385 Type(TIniFile) :: Ini 386 387 call TNameValueList_Clear(388 call TNameValueList_Clear(374	`	00000	
377 378 subroutine Ini_Close 378 379 380 call Ini_close_File(DefIni 380 381 end subroutine Ini_Close 382 end subroutine Ini_Close 382 end subroutine Ini_Close 383 384 subroutine Ini_Close_File(In 385 384 subroutine Ini_Close_File(In 385 Type(TIniFile) :: Ini 386 387 388 call TNameValueList_Clear(388 call TNameValueList_Clear(375		375	
377 378 subroutine Ini_Close 378 379 380 call Ini_close_File(DefIni 380 381 end subroutine Ini_Close 382 end subroutine Ini_Close 382 end subroutine Ini_Close 383 384 subroutine Ini_Close_File(In 385 384 subroutine Ini_Close_File(In 385 Type(TIniFile) :: Ini 386 387 388 call TNameValueList_Clear(388 call TNameValueList_Clear(376	end subroutine Ini Open Fro	376	end subroutine Ini Open F
379 380 381 381 382 end subroutine Ini_Close 383 384 385 subroutine Ini_Close_File(In 385) 386 Type(TIniFile):: Ini 386 387 388 call TNameValueList_Clear(388 call TNameValueList_Clear((XXXX)		377	
379 380	378	subroutine Ini Close	378	subroutine Ini Close
381 382 end subroutine Ini_Close 383 384 385 subroutine Ini_Close_File(In 385 subroutine Ini_Close_File(In 386 Type(TIniFile) :: Ini 386 387 388 call TNameValueList_Clear(388 call TNameValueList_Clear(379	_	379	_
381 382 end subroutine Ini_Close 383 384 385 subroutine Ini_Close_File(In 385 subroutine Ini_Close_File(Type(TIniFile) :: Ini 386 387 388 call TNameValueList_Clear(388 call TNameValueList_Clear(380	call Ini close File(DefIni	380	call Ini close File(DefIni
383 384 385 385 Subroutine Ini_Close_File(In 385) 386 Type(TIniFile):: Ini 386 387 388 call TNameValueList_Clear(388 call TNameValueList_Clear(381	= = `	381	`
383 384 385 385 Subroutine Ini_Close_File(In 385) 386 Type(TIniFile):: Ini 386 387 388 call TNameValueList_Clear(388 383 call TNameValueList_Clear(382	end subroutine Ini Close	382	end subroutine Ini Close
<pre>385 386 387 388 call TNameValueList_Clear(388 subroutine Ini_Close_File(Type(TIniFile) :: Ini 386 Type(TIniFile) :: Ini 387 call TNameValueList_Clear(388</pre> subroutine Ini_Close_File(Type(TIniFile) :: Ini call TNameValueList_Clear(383	_	383	_
Type(TIniFile):: Ini 386 387 388 call TNameValueList_Clear(388 Type(TIniFile):: Ini call TNameValueList_Clear(
Type(TIniFile):: Ini 386 387 388 call TNameValueList_Clear(388 Type(TIniFile):: Ini call TNameValueList_Clear(385	subroutine Ini Close File(In	385	subroutine Ini Close File(
387 387 call TNameValueList_Clear(388 call TNameValueList_Clear(
call TNameValueList_Clear(388 call TNameValueList_Clear(387	,	387	
_ ,	388	call TNameValueList Clear(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	call TNameValueList Clear(
	389	•	389	call TNameValueList Clear (
390	390	_ `	390	

/User	<pre>s/lplopa/Compare/camb_simdata/inif</pre>	/Users	<pre>/lplopa/Compare/camb_des/inifile.</pre>
ile.f	90, Top line: 391	f90, T	op line: 391
391	end subroutine Ini Close Fi	391	end subroutine Ini Close
392		392	
393		393	
394		394	
395	function Ini Read String(Key	395	function Ini Read String(K
396	character (LEN=*), intent(I	396	character (LEN=*), intent(
397	logical, optional, intent(I	397	logical, optional, intent(
398	character(LEN=Ini max strin	398	character(LEN=Ini max stri
399		399	
400	<pre>if (present(NotFoundFail)</pre>	400	<pre>if (present(NotFoundFail))</pre>
401	AValue = Ini Read String	401	ÀValue = Ini Read Stri
402	else	402	else
403	AValue = Ini Read String	403	AValue = Ini Read Stri
404	end if	404	end if
405		405	
406	end function Ini Read String	406	end function Ini Read Stri
407		407	
408	function Ini Read String Def	408	function Ini Read String D
409	<pre>character (LEN=*), intent(I</pre>	409	character (LEN=*), intent(
410	character(LEN=Ini_max_strin	410	character(LEN=Ini_max_stri
411	logical, intent(in), option	411	logical, intent($i\overline{n}$), optio
412		412	
413	<pre>if (present(AllowBlank)) th</pre>	413	<pre>if (present(AllowBlank)) t</pre>
414	AValue = Ini_Read_String	414	AValue = Ini_Read_Stri
415	else	415	else
416	AValue = Ini_Read_String	416	AValue = Ini_Read_Stri
417	end if	417	end if
418		418	
419	<pre>end function Ini_Read_String</pre>	419	end function Ini_Read_Stri
420		420	

/User	s/lplopa/Compare/camb_simdata/inif	/User	s/lplopa/Compare/camb_des/inifile.
ile.f	90, Top line: 421	f90,	Top line: 421
421		421	
422	function Ini Read String Fil	422	function Ini Read String F
423	Type(TIniFi \overline{l} e) :: Ini	423	Type(TIniFile) :: Ini
424	character (LEN=*), intent(I	424	character (LEN=*), intent(
425	logical, optional, intent(I	425	logical, optional, intent(
426	character(LEN=Ini max strin	426	character(LEN=Ini max strì
427	` = =	427	` = =
428	call TNameValueList ValueOf	428	call TNameValueList ValueO
429	-	429	· —
430	if (AValue/='') then	430	if (AValue/='') then
431	· · ·	431	
432	call TNameValueList Add(I	432	call TNameValueList A
433	if (Ini Echo Read) write (433	if (Ini Echo Read) wri
434	return	434	return
435		435	
436	end if	436	end if
437	<pre>if (present(NotFoundFail))</pre>	437	<pre>if (present(NotFoundFail))</pre>
438	if (NotFoundFail) then	438	if (NotFoundFail) then
439	<pre>write(*,*) 'key not f</pre>	439	write(*,*) 'key no
440	stop	440	stop
441	end if	441	end if
442	else if (Ini_fail_on_not_fo	442	else if (Ini_fail_on_not_f
443	<pre>write(*,*) 'key not foun</pre>	443	write(*,*) 'key not fo
444	stop	444	stop
445	end if	445	end if
446		446	
447	<pre>end function Ini_Read_String</pre>	447	end function Ini_Read_Stri
448	_	448	
449	function Ini_Read_String_Def	449	function Ini_Read_String_D
450	Type(TIniFile) :: Ini	450	Type(TIniFile) :: Ini

die.f90, Top line: 451 character (LEN=*), intent(1 452 character (LEN=Ini max strin 453 d54 d55 d55 d56 d57 d57 d58 d58 d58 d59	/Users/lplopa/Compare/camb_simdata/inif		/Users/lplopa/Compare/camb_des/inifile.		
character(LEN=Ini_max_strin 452 logical, intent(in), option 453 454 455 if (Ini_HasKey_File(Ini,Key 455 456 AValue = Ini_Read_String_f 456 457 if (present(AllowBlank)) the 457 if (present(AllowBlank)) the 458 if (AllowBlank) return 458 if (AllowBlank) return 458 if (AValue=='') AValue = D460 461 462 end if 463 end if 464 end if 464 end if 465 end function Ini_Read_String 465 466 end function Ini_Read_String 465 466 end function Ini_HasKey(Key) res 467 character (LEN=*), intent(I 468 logical AValue 469 470 AValue = Ini_HasKey_File(De 471 472 end function Ini_HasKey_File(De 472 473 end function Ini_HasKey_File(Ini 475 type(TIniFile), intent(in) 476 character (LEN=*), intent(I 478 479 4	ile.f90,	Top line: 451	f90, Top line: 451		
character(LEN=Ini_max_strin 452 453 454 455 455 465 466 475 476 477 477 478 478 479 475 475 475 475 475 475 475 475 475 475	451	<pre>character (LEN=*), intent(I</pre>	451	<pre>character (LEN=*), intent(</pre>	
if (Ini_HasKey_File(Ini,Key 455 AValue = Ini_Read_String_f 456 AValue = Ini_Read_String_f 456 AFF (AllowBlank) return 458 AFF (AllowBlank) return 458 AFF (AValue=='') AValue = D 460 AFF (AValue = Default 462 AFF (AFF (AFF (AFF (AFF (AFF (AFF (AFF	452	• • • • • • • • • • • • • • • • • • • •	452	, , ,	
if (Ini_Haskey_File(Ini,Key 455 AValue = Ini_Read_String f 456 AValue = Ini_Read_String f 456 if (present(AllowBlank)) t 457 if (present(AllowBlank)) t 457 if (AllowBlank) return 458 end if (AllowBlank) return 459 if (AValue=='') AValue = D 460 if (AValue=='') AValue = D 461 AValue = Default 462 AValue = Default 463 def 465 end function Ini_Read_String 465 def 6 function Ini_Haskey(Key) res 467 character (LEN=*), intent(I 468 def 9 def 470 AValue = Ini_Haskey_File(De 471 def 471 AValue = Ini_Haskey_File(Ini 475 function Ini_Haskey_File(Ini 475 def 475 function Ini_Haskey_File(Ini 475 def 476 def 477 character (LEN=*), intent(I 477 character (LEN=*), intent(I 477 character (LEN=*), intent(I 478 def 479 def 479 def 479 def 479 def 479 def 470 def 470 def 471 def 472 def 473 def 474 def 475 def 476 def 476 def 476 def 477 def 477 def 478 def 478 def 478 def 478 def 478 def 479 def 479 def 478 def 479 def 478 def 479 def 478 def 479 def 478 def 479 def 478 def 479 def 478 def 479 def 478 def 479 def 478	453	logical, intent(\overline{in}), option	453	· — — — —	
AValue = Ini_Read_String_f 456 457 458 458 458 459 460 461 460 461 462 AValue = Default 463 464 465 466 467 function Ini_Read_String 468 469 469 470 AValue = Ini_Read_String 469 470 AValue = Default 470 AValue = Ini_Read_String 469 470 471 AValue = Ini_Read_String 469 470 471 472 475 function Ini_HasKey_File(De 471 472 475 function Ini_HasKey_File(Ini 475 476 function Ini_HasKey_File(Ini 476 477 character (LEN=*), intent(I 477 dYalue = Ini_HasKey_File(Ini 478 479 479 479 479 479 479 479 479 479 479	454	. ,,, _	454	. ,,, _	
AValue = Ini Read String f 456 457 458 458 458 459 460 461 461 462 AValue = Default 463 464 465 466 467 function Ini_Read_String 465 468 469 470 AValue = Ini_Read_String 465 469 470 AValue = Ini_Read_String 465 469 470 AValue = Ini_Read_String 465 469 470 471 AValue = Ini_Read_String 469 470 AValue = Ini_HasKey(Key) res 467 471 472 475 function Ini_HasKey_File(De 471 472 473 474 475 function Ini_HasKey_File(Ini 475 type(IIniFile), intent(In) 476 477 character (LEN=*), intent(I 478 478 479 479 479 479 479 479 479 479 479 479	455	<pre>if (Ini HasKey File(Ini,Key</pre>	455	if (Ini HasKey File(Ini,Ke	
if (present(AllowBlank)) t 457 if (AllowBlank) return 458 459 end if 460 461 else 461 AValue = Default 462 end if 463 464 465 end function Ini_Read_String 465 466 467 function Ini_HasKey(Key) res 467 character (LEN=*), intent(I 468 logical AValue 469 470 AValue = Ini_HasKey_File(De 471 472 473 474 475 function Ini_HasKey_File(Ini 475 type(TIniFile), intent(I) 476 477 character (LEN=*), intent(I 478 478 479 479 479 479 479 479 479 478 479 479 478 479 478 479 478 479 478 479 478 479 478 479 478 478 479 478 479 478 478 479 478 478 479 478 478 479 478 479 478 478 479 478 478 479 478 478 479 478 478 478 478 478 478 478 478 478 478	456		456		
if (AllowBlank) return 458 end if 459 end if (AValue=='') AValue = D 460 else 461 462 AValue = Default 462 end if 463 464 end if 463 465 end function Ini_Read_String 465 466 function Ini_HasKey(Key) res 467 character (LEN=*), intent(I 468 logical AValue AValue = Ini_HasKey_File(De 471 472 473 end function Ini_HasKey_File(Ini 475 type(TIniFile), intent(I 477 d78 logical AValue if (AllowBlank) re end if if (AValue=='') AValue else AValue = Default end if AValue = Default end if AValue = Default end if function Ini_Read_String 466 function Ini_HasKey(Key) res 467 character (LEN=*), intent(I 468 logical AValue AValue = Ini_HasKey_File(D AValue = Ini_HasKey_File(D AValue = Ini_HasKey_File(I type(TIniFile), intent(in) character (LEN=*), intent(logical AValue 479 if (AllowBlank) re end if if (AValue=='') AValue else AValue = Default end if if (AValue=='') AValue else AValue = Ini_HasKey(Key) res 467 character (LEN=*), intent(logical AValue if (AValue=='') AValue else AValue = Ini_HasKey(Key) res 467 character (LEN=*), intent(logical AValue if (AValue=='') AValue else AValue = Default end if end if if (AValue=='') AValue else AValue = Ini_HasKey(Key) res 467 character (LEN=*), intent(logical AValue if (AValue=='') AValue else AValue = Ini_HasKey(Key) res 467 character (LEN=*), intent(logical AValue if (AValue=='') AValue else AValue = Ini_HasKey(Key) res 467 character (LEN=*), intent(logical AValue if (AValue=='') AValue else AValue = Ini_HasKey(Key) res 467 character (LEN=*), intent(logical AValue if (AValue=='') AValue else AValue = Ini_HasKey(Key) res 467 character (LEN=*), intent(logical AValue if (AValue=='') AValue else AValue = Ini_HasKey(Key) res 467 character (LEN=*), intent(logical AValue if (AValue=='') AValue else AValue = Ini_HasKey(Key) res 467 character (LEN=*), intent(logical AValue if (AValue=='') AValue else AValue = Ini_HasKey(Key) res 467 character (LEN=*), intent(logical AValue if (AValue=='') AValue end function Ini_HasKey character (LEN=*), inte	457		457	if $(present(\overline{A}llow\overline{B}lank))$	
end if if (AValue=='') AValue = D 460 461 else 461 AValue = Default 462 463 end if 463 464 end function Ini_Read_String 465 466 function Ini_HasKey(Key) res 467 character (LEN=*), intent(I 468 logical AValue = Ini_HasKey_File(De 471 472 end function Ini_HasKey_File(De 471 473 end function Ini_HasKey_File(Ini 475 type(TIniFile), intent(In) 476 character (LEN=*), intent(I 477 character (LEN=*), intent(I 478 479 479 479 479 479 479 470 471 478 479 479 478 479 479 479 479 479 470 471 478 479 479 470 471 478 478 479 479 478 479 479 479 470 471 478 478 479 479 479 470 471 478 478 479 479 478 479 479 479 470 470 471 478 478 479 479 478 479 479 479 470 470 471 478 478 479 479 478 479 479 479 470 470 471 478 478 479 479 478 479 479 478 479 479 479 470 471 478 478 479 479 479 470 471 478 478 479 479 478 479 479 479 470 471 478 478 479 479 479 470 470 471 478 478 479 479 479 470 470 471 478 478 479 479 479 479 470 470 470 470 470 470 470 470 470 470	458	`- ` , ,	458	`- `	
d61 d62 d63 d64 d65 end if d65 d66 d67 function Ini_Haskey(Key) res d67 character (LEN=*), intent(I d68 logical AValue d70 d71 AValue = Ini_Haskey_File(De d71 d72 d73 end function Ini_Haskey_File(Ini d75 function Ini_Haskey_File(Ini d75 type(TIniFile), intent(I d77 character (LEN=*), intent(I d77 d78 d78 d79 d79 d71 d78 d79 d71 d78 d79 d78 d79 d79 d70 d71 d77 d78 d78 d79 d79 d70 d70 d71 d70 d70 d71 d70	459	,	459		
d61 d62 d63 d64 d65 end if d65 d66 d67 function Ini_Read_String d68 d69 d70 d71 d71 d72 d73 function Ini_HasKey_File(De d70 d71 d75 function Ini_HasKey_File(Ini d75 d76 d77 d77 d78 d78 d78 d79 d78 d79 d79 d78 d79 d79 d78 d79 d79 d78 d79 d79 d70 d71 d70 d70 d71 d70	460	<pre>if (AValue=='') AValue = D</pre>	460	if (AValue=='') AValue	
end if 463 464 465 465 466 467 function Ini_HasKey(Key) res 467 character (LEN=*), intent(I 468 logical AValue 470 471 472 473 474 475 function Ini_HasKey_File(Ini 475 type(TIniFile), intent(I 478 479 479 478 479 478 479 468 function Ini_HasKey_File(Ini 478 479 478 479 478 479 478 479 478 478 479 478 478 478 478 479 478 478 478 478 478 478 478 478 478 478	461	,	461		
end function Ini_Read_String 465 466 467 function Ini_HasKey(Key) res 467 character (LEN=*), intent(I 468 logical AValue 470 471 AValue = Ini_HasKey_File(De 471 472 473 end function Ini_HasKey_File(Ini 475 type(TIniFile), intent(In) 476 character (LEN=*), intent(I 477 logical AValue 479 end function Ini_HasKey_File(Ini 475 character (LEN=*), intent(I 477 logical AValue 478 479 end function Ini_HasKey_File(Ini 478 type(TIniFile), intent(In) 476 character (LEN=*), intent(I 477 logical AValue 479 end function Ini_HasKey_File(Ini 475 type(TIniFile), intent(in) character (LEN=*), intent(in) character (LEN=*), intent(I 477 logical AValue 479	462	AValue = Default	462	AValue = Default	
end function Ini_Read_String 465 466 467 function Ini_HasKey(Key) res 467 character (LEN=*), intent(I 468 logical AValue	463	end if	463	end if	
function Ini_HasKey(Key) res 467 character (LEN=*), intent(I 468 logical AValue 469 470 AValue = Ini_HasKey_File(De 471 472 end function Ini_HasKey 473 474 function Ini_HasKey_File(Ini 475 type(TIniFile), intent(In) 476 character (LEN=*), intent(I 478 logical AValue 479 466 function Ini_HasKey(Key) res 467 character (LEN=*), intent(I 477 logical AValue 469 470 AValue = Ini_HasKey_File(De 471 AValue = Ini_HasKey_File(De 471 function Ini_HasKey_File(Ini 475 type(TIniFile), intent(in) 476 character (LEN=*), intent(I 477 logical AValue 478 479	464		464		
function Ini_HasKey(Key) res 467 character (LEN=*), intent(I 468 logical AValue 469 470 AValue = Ini_HasKey_File(De 471 472 473 end function Ini_HasKey 474 function Ini_HasKey_File(Ini 475 type(TIniFile), intent(in) 476 character (LEN=*), intent(I 477 logical AValue 479 function Ini_HasKey_File(Ini 478 478 479 function Ini_HasKey_File(Ini 478 logical AValue 478 479 function Ini_HasKey_File(Ini 478 function Ini_HasKey_File(Ini 478 logical AValue function Ini_HasKey_File(De 471 logical AValue logical AValue function Ini_HasKey_File(De 471 logical AValue logical AValue logical AValue logical AValue function Ini_HasKey(Key) r character (LEN=*), intent(logical AValue logical AValue	465	end function Ini Read String	465	end function Ini Read Stri	
character (LEN=*), intent(I 468 logical AValue 469 470 AValue = Ini_HasKey_File(De 471 472 end function Ini_HasKey 473 474 475 function Ini_HasKey_File(Ini 475 type(TIniFile), intent(in) 476 character (LEN=*), intent(I 477 logical AValue 479 character (LEN=*), intent(I 477 logical AValue 479 character (LEN=*), intent(I 477 logical AValue 479 character (LEN=*), intent(I denomination intent(in) character (LEN=*), intent(I logical AValue) character (LEN=*), intent(I logical AValue) character (LEN=*), intent(I logical AValue)	466		466		
character (LEN=*), intent(I 468 logical AValue 469 470 AValue = Ini_HasKey_File(De 471 472 end function Ini_HasKey 473 474 475 function Ini_HasKey_File(Ini 475 type(TIniFile), intent(in) 476 character (LEN=*), intent(I 477 logical AValue 479 character (LEN=*), intent(I 477 logical AValue 479 character (LEN=*), intent(I 477 logical AValue 479 character (LEN=*), intent(I denomination intent(in) character (LEN=*), intent(I logical AValue) character (LEN=*), intent(I logical AValue) character (LEN=*), intent(I logical AValue)	467	function Ini HasKey(Key) res	467	function Ini HasKey(Key) r	
AValue = Ini_HasKey_File(De 471 AValue = Ini_HasKey_File(De 471 A72 A73 A74 A75 function Ini_HasKey_File(Ini 475 type(TIniFile), intent(in) 476 character (LEN=*), intent(I 477 logical AValue A79 A78 A79 A79 A78 A79 A79 A78 A79 A78 A79 A79 A78 A79 A79 A78 A79 A79 A78 A79 A79 A78 A78 A79	468		468	character (LEN=*), intent(
AValue = Ini_HasKey_File(De 471 472 end function Ini_HasKey 473 474 function Ini_HasKey_File(Ini 475 type(TIniFile), intent(in) 476 character (LEN=*), intent(I 477 logical AValue 479 AValue = Ini_HasKey_File(D end function Ini_HasKey_File(I type(TIniFile), intent(I type(TIniFile), intent(in) character (LEN=*), intent(logical AValue 479 AValue = Ini_HasKey_File(D end function Ini_HasKey_File(I type(TIniFile), intent(I type(TIniFile), intent(in) character (LEN=*), intent(logical AValue	469	logical AValue	469	logical AValue	
472 473 end function Ini_HasKey 474 475 function Ini_HasKey_File(Ini 475 type(TIniFile), intent(in) character (LEN=*), intent(I 477 logical AValue 479 end function Ini_HasKey function Ini_HasKey_File(I type(TIniFile), intent(in) character (LEN=*), intent(logical AValue 479 end function Ini_HasKey function Ini_HasKey_File(I type(TIniFile), intent(in) character (LEN=*), intent(logical AValue	470		470		
end function Ini_HasKey 473 474 function Ini_HasKey_File(Ini 475 476 477 478 478 479 end function Ini_HasKey function Ini_HasKey_File(I 475 function Ini_HasKey_File(I 475 function Ini_HasKey_File(I type(TIniFile), intent(in) character (LEN=*), intent(478 479 end function Ini_HasKey 478 function Ini_HasKey function Ini_Ha	471	AValue = Ini HasKey File(De	471	AValue = Ini HasKey File(D	
function Ini_HasKey_File(Ini 475 type(TIniFile), intent(in) 476 character (LEN=*), intent(I 477 logical AValue 478 479 function Ini_HasKey_File(I type(TIniFile), intent(in) character (LEN=*), intent(logical AValue 479	472	`	472	`	
function Ini_HasKey_File(Ini 475 type(TIniFile), intent(in) 476 character (LEN=*), intent(I 477 logical AValue 478 479 function Ini_HasKey_File(I type(TIniFile), intent(in) character (LEN=*), intent(logical AValue 479	473	end function Ini_HasKey	473	<pre>end function Ini_HasKey</pre>	
type(TIniFile), intent(in) 476 character (LEN=*), intent(I 477 logical AValue 479 type(TIniFile), intent(in) character (LEN=*), intent(logical AValue 479		-		_	
type(TIniFile), intent(in) 476 character (LEN=*), intent(I 477 logical AValue 479 type(TIniFile), intent(in) character (LEN=*), intent(logical AValue 479	475	<pre>function Ini_HasKey_File(Ini</pre>	475		
10gical AValue 1478 logical AValue 179 logical AValue 179	476				
479	477	<pre>character (LEN=*), intent(I</pre>	477	<pre>character (LEN=*), intent(</pre>	
20000	478	logical AValue	478	logical AValue	
480 Avalue = TNameValueList_ 480 Avalue = TNameValueList_Ha	479		479		
	480	Avalue = TNameValueList_	480	Avalue = TNameValueList_Ha	

		_	<pre>opa/Compare/camb_des/inifile.</pre>
ile.f9	00, Top line: 481	f90, Top 1	ine: 481
481		481	
482	<pre>end function Ini_HasKey_File</pre>	482	<pre>end function Ini_HasKey_Fi</pre>
483		483	
484	function Ini_Key_To_Arraykey(484	function Ini_Key_To_Arrayk
485	<pre>character (LEN=*), intent(</pre>	485	<pre>character (LEN=*), intent(</pre>
486	<pre>integer, intent(in) :: ind</pre>	486	<pre>integer, intent(in) :: ind</pre>
487	character(LEN=Ini_max_stri	487	<pre>character(LEN=Ini_max_stri</pre>
488		488	
489	character(LEN=32) :: numst	489	character(LEN=32) :: numst
490	write (numstr,*) index	490	write (numstr,*) index
491	numstr=adjust1(numstr)	491	numstr=adjust1(numstr)
492	AValue = trim(Key) // '('	492	AValue = trim(Key) // '('
493		493	
494	<pre>end function Ini_Key_To_Array</pre>	494	end function Ini_Key_To_Ar
495		495	
496	function Ini_Read_String_Arr	496	function Ini_Read_String_A
497	character (LEN=*), intent(I	497	character (LEN=*), intent(
498	<pre>integer, intent(in) :: inde</pre>	498	<pre>integer, intent(in) :: ind</pre>
499	logical, optional, intent(I	499	logical, optional, intent(
500	character(LEN=Ini_max_strin	500	character(LEN=Ini_max_stri
501	if (managent (Not Hound Hoil)	501	if (managent (Not Hound Hoil))
502 503	if (present(NotFoundFail)	502 503	<pre>if (present(NotFoundFail))</pre>
504	AValue = Ini_Read_String	504	AValue = Ini_Read_Stri else
505	else	505	
506	AValue = Ini_Read_String end if	506	AValue = Ini_Read_Stri end if
507	end II	507	ena II
508	end function Ini Read String	508	end function Ini Read Stri
509	cha ranceron rhr_neaa_berring	509	cha ranceron rur_neaa_berr
510	function Ini_Read_String_Arr	510	function Ini_Read_String_A

	<pre>lplopa/Compare/camb_simdata/inif , Top line: 511</pre>		<pre>lplopa/Compare/camb_des/inifile. p line: 511</pre>
511	Type(TIniFile) :: Ini	511	Type(TIniFile) :: Ini
512	<pre>integer, intent(in) :: inde</pre>	512	<pre>integer, intent(in) :: ind</pre>
513	character (LEN=*), intent(I	513	character (LEN=*), intent(
514	logical, optional, intent(I	514	logical, optional, intent(
515	character(LEN=Ini max strin	515	character(LEN=Ini max stri
516	character(LEN=Ini max strin	516	character(LEN=Ini max stri
517	` = =	517	` = =
518	ArrayKey = Ini Key To Arr	518	ArrayKey = Ini Key To Arra
519	if (present(NotFoundFail)	519	<pre>if (present(NotFoundFail))</pre>
520	AValue = Ini Read String	520	AValue = Ini Read Stri
521	else	521	else
522	AValue = Ini Read String	522	AValue = Ini Read Stri
523	end if	523	end if
524		524	
525	end function Ini_Read_String	525	end function Ini_Read_Stri
526		526	- -
527	<pre>function Ini_Read_Int_Array(</pre>	527	function Ini_Read_Int_Arra
528	integer, optional, intent	528	<pre>integer, optional, intent(</pre>
529	<pre>integer, intent(in) :: in</pre>	529	<pre>integer, intent(in) :: ind</pre>
530	character (LEN=*), intent	530	<pre>character (LEN=*), intent(</pre>
531	<pre>integer Ini_Read_Int_Arra</pre>	531	<pre>integer Ini_Read_Int_Array</pre>
532		532	
533	if (present(Default)) the	(3030303)	<pre>if (present(Default)) then</pre>
534	<pre>Ini_Read_Int_Array = Ini</pre>	534	<pre>Ini_Read_Int_Array = I</pre>
535	else	535	else
536	<pre>Ini_Read_Int_Array = Ini</pre>	536	<pre>Ini_Read_Int_Array = I</pre>
537	end if	537	end if
538		538	
539	<pre>end function Ini_Read_Int_A</pre>	539	end function Ini_Read_Int_
540		540	

	.plopa/Compare/camb_simdata/inif Top line: 541		_	lopa/Compare/camb_des/inifile. line: 541
541	function Ini Read Int Array	541		function Ini Read Int Arra
542	!Reads Key(1), Key(2), etc.	542		!Reads Key(1), Ke \overline{y} (2), etc
543	Type(TIniFile) :: Ini	543		Type(TIniFile) :: Ìní
544	integer Ini Réad Int Array	544		integer Ini Réad Int Array
545	integer, optional, intent(\overline{I}	545		integer, optional, intent(
546	<pre>integer, intent(in) :: inde</pre>	546		<pre>integer, intent(in) :: ind</pre>
547	<pre>character (LEN=*), intent(I</pre>	547		<pre>character (LEN=*), intent(</pre>
548	character(LEN=Ini max strin	548		character(LEN=Ini max stri
549	ArrrayKey = Ini Key To Ar	549		ArrrayKey = Ini Key To Arr
550	if $(present(Default))$ the	550		if $(present(Default))$ then
551	<pre>Ini_Read_Int_Array_File</pre>	551		<pre>Ini_Read_Int_Array_Fil</pre>
552	else	552		else
553	<pre>Ini_Read_Int_Array_File</pre>	553		<pre>Ini_Read_Int_Array_Fil</pre>
554	end if	554		end if
555	<pre>end function Ini_Read_Int_Ar</pre>	555		<pre>end function Ini_Read_Int_</pre>
556		556		
557		557		
558	_ function Ini_Read_Int(Key, D	558		<pre>function Ini_Read_Int(Key,</pre>
559	integer, optional, intent	559		<pre>integer, optional, intent(</pre>
560	character (LEN=*), intent	560		<pre>character (LEN=*), intent(</pre>
561	integer Ini_Read_Int	561		integer Ini_Read_Int
562		562		
563	if (present(Default)) the	563		<pre>if (present(Default)) then</pre>
564	Ini_Read_Int = Ini_Read_	564		<pre>Ini_Read_Int = Ini_Rea</pre>
565	else	565		else
566	Ini_Read_Int = Ini_Read_	566		<pre>Ini_Read_Int = Ini_Rea</pre>
567	end if	567		end if
568	<pre>end function Ini_Read_Int</pre>	568		<pre>end function Ini_Read_Int</pre>
569		569		
570	function Ini_Read_Int_File(I	570		function Ini_Read_Int_File

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/Users/lplopa/Compare/camb simdata/inif
                                         /Users/lplopa/Compare/camb des/inifile.
ile.f90, Top line: 571
                                         f90, Top line: 571
                                         57 1
571<sup>®</sup>
          Type(TIniFile) :: Ini
                                                     Type(TIniFile) :: Ini
572
          integer Ini Read Int File
                                         572
                                                     integer Ini Read Int File
                                         573
573
           integer, optional, intent(I
                                                     integer, optional, intent(
574
          character (LEN=*), intent(
                                         574
                                                     character (LEN=*), intent
575
          character(LEN=Ini max strin
                                         575
                                                     character(LEN=Ini max stri
                                         576
576
          S = Ini Read String File(In
                                                     S = Ini Read String_File(I
                                         577
577
           if (S == '') then
                                         578
                                                     if (S == '') then
578
579
              if (.not. present(Defaul
                                         579
                                                         if (.not. present(Defa
580
                write(*,*) 'no value f
                                         580
                                                              write(*,*) 'no val
581
                                         581
                stop
                                                              stop
582
                                         582
              end if
                                                         end if
              Ini Read Int File = Defa
                                         583
583
                                                         Ini Read Int File = De
                                         584
584
              write (S,*) Default
                                                         write (S,*) Default
585
              call TNameValueList Add
                                         585
                                                         call TNameValueList A
586
                                         586
          else
                                                     else
           if (verify(trim(S),'-+0123
                                         587
587
                                                         if (verify(trim(S),'-+
                                         588
588
            read (S,*, err = 10) Ini R
                                                         read (S,*, err = 10) I
589
          end if
                                         589
                                                     end if
590
                                         590
         return
                                                     return
591
                                         591
                                                     write (*,*) 'error reading
       10 write (*,*) 'error reading
592
                                         592
          stop
                                                     stop
593
                                         593
594
         end function Ini Read Int Fi
                                         594
                                                     end function Ini Read Int
595
                                         595
                                         596
596
         function Ini Read Double (Key
                                                     function Ini Read Double (K
597
             double precision, optiona
                                         597
                                                     double precision, optional
             character (LEN=*), intent
                                                     character (LEN=*), intent(
                                         598
598
599
             double precision Ini Read
                                         599
                                                     double precision Ini Read
600
                                         600
```

/Users/lplopa/Compare/camb_simdata/inif		/User	s/lp	lopa/Compare/camb_des/inifile.
ile.f9	00, Top line: 601	f90,	Top	line: 601
601	<pre>if (present(Default)) the</pre>	601		<pre>if (present(Default)) then</pre>
602	<pre>Ini_Read_Double = Ini_Re</pre>	602		Ini_Read_Double = Ini_
603	else	603		else
604	<pre>Ini_Read_Double = Ini_Re</pre>	604		<pre>Ini_Read_Double = Ini_</pre>
605	end if	605		end if
606		606		
607	<pre>end function Ini_Read_Double</pre>	607		end function Ini_Read_Doub
608		608		
609	function Ini_Read_Double_Fil	609		function Ini_Read_Double_F
610	Type(TIniFile) :: Ini	610		Type(TIniFile) :: Ini
611	double precision Ini_Read_D	611		double precision Ini_Read_
612	double precision, optional,	612		double precision, optional
613	<pre>character (LEN=*), intent(I</pre>	613		<pre>character (LEN=*), intent(</pre>
614	character(LEN=Ini_max_strin	614		character(LEN=Ini_max_stri
615		615		
616	S = Ini_Read_String_File(In	616		S = Ini_Read_String_File(I
617	if (S == '') then	617		if (S == '') then
618	if (.not. present(Defaul	618		if (.not. present(Defa
619	<pre>write(*,*) 'no value f</pre>	619		write(*,*) 'no val
620	stop	620		stop
621	end if	621		end if
622	<pre>Ini_Read_Double_File = D</pre>	622		Ini_Read_Double_File =
623	write (S,*) Default	623		write (S,*) Default
624	coll myomovoluctich add	624		goll MNomeWolveTigt N
625	call TNameValueList_Add	625		call TNameValueList_A
626 627	else	626 627		else
628		628		read (S,*, err=10) Ini
629	<pre>read (S,*, err=10) Ini_Rea end if</pre>	629		end if
630	end II	630		end II
550		050		

/Users/lp1opa/Compare/camb_simdata/inif		/Users/lplopa/Compare/camb_des/inifile.		
ile.f	90, Top line: 631	f90,	Top li	ne: 631
631	return	631		return
632		632		
633	10 write (*,*) 'error reading	633	10	<pre>write (*,*) 'error reading</pre>
634	stop	634		stop
635	-	635		_
636	end function Ini Read Double	636		end function Ini Read Doub
637	<u> </u>	637		
638		638		
639		639		
640	function Ini Read Double A	640		function Ini Read Double A
641	double precision, optiona	641		double precision, optional
642	<pre>integer, intent(in) :: in</pre>	642		<pre>integer, intent(in) :: ind</pre>
643	character (LEN=*), intent	643		<pre>character (LEN=*), intent(</pre>
644	double precision Ini Read	644		double precision Ini Read
645		645		
646	<pre>if (present(Default)) the</pre>	646		<pre>if (present(Default)) then</pre>
647	<pre>Ini_Read_Double_Array =</pre>	647		<pre>Ini_Read_Double_Array</pre>
648	else	648		else
649	<pre>Ini_Read_Double_Array =</pre>	649		Ini_Read_Double_Array
650	end if	650		end if
651		651		
652	<pre>end function Ini_Read_Doub</pre>	652		<pre>end function Ini_Read_Doub</pre>
653		653		
654		654		
655	function Ini_Read_Double_Arr	655		function Ini_Read_Double_A
656		656		
657	!Reads Key(1), Key(2), etc.	657		!Reads Key(1), Key(2), etc
658		658		
659	Type(TIniFile) :: Ini	659		Type(TIniFile) :: Ini
660		660		

	<pre>s/lplopa/Compare/camb_simdata/inif 00, Top line: 661</pre>		s/lplopa/Compare/camb_des/inifile. Top line: 661
661	double precision Ini Read D	661	double precision Ini Read
662	double precision, optiona $\overline{1}$,	662	double precision, optional
663	<pre>integer, intent(in) :: inde</pre>	663	<pre>integer, intent(in) :: ind</pre>
664	character (LEN=*), intent(I	664	character (LEN=*), intent(
665	character(LEN=Ini max strin	665	character(LEN=Ini max stri
666	`	666	`
667	ArrrayKey = Ini Key To Ar	667	ArrrayKey = Ini_Key_To Arr
668	if $(present(Default))$ the	668	if $(present(Default))$ then
669		669	
670	<pre>Ini_Read_Double_Array_Fi</pre>	670	<pre>Ini_Read_Double_Array_</pre>
671	else	671	else
672	<pre>Ini_Read_Double_Array_Fi</pre>	672	Ini_Read_Double_Array_
673	end if	673	end if
674	<pre>end function Ini_Read_Double</pre>	674	end function Ini_Read_Doub
675		675	
676	function Ini_Read_Real(Key	676	function Ini_Read_Real(Key
677	real, optional, intent(IN	677	real, optional, intent(IN)
678	character (LEN=*), intent	678	character (LEN=*), intent(
679	real Ini_Read_Real	679	real Ini_Read_Real
680		680	
681	if (present(Default)) the	681	if (present(Default)) then
682	<pre>Ini_Read_Real = Ini_Read</pre>	682	Ini_Read_Real = Ini_Re
683	else	683	else
684	Ini_Read_Real = Ini_Read	684	Ini_Read_Real = Ini_Re
685	end if	685	end if
686		686	
687	end function Ini_Read_Real	687	end function Ini_Read_Real
688		688	
689	function Ini_Read_Real_Fil	689	function Ini_Read_Real_Fil
690	Type(TIniFile) :: Ini	690	Type(TIniFile) :: Ini

/Users/lplopa/Compare/camb_simdata/inif		/Users/lplopa/Compare/camb_des/inifile.			
ile.f	90, Top line: 691	f90,	f90, Top line: 691		
691	real Ini Read Real File	691			real Ini Read Real File
692	real, optiona $\overline{1}$, intent($\overline{1}$ N)	692			real, optiona $\overline{1}$, intent(IN)
693	character (LEN=*), intent(693			character (LEN=*), intent(
694	character(LEN=Ini max stri	694			character(LEN=Ini max stri
695	`	695			` – –
696	S = Ini Read String File(I	696			S = Ini_Read_String_File(I
697	if $(S == '')$ then	697			if $(S == '')$ then
698	if (.not. present(Defaul	698			if (.not. present(Defa
699	write(*,*) 'no value f	699			write(*,*) 'no val
700	stop	700			stop
701	end if	701			end if
702	<pre>Ini_Read_Real_File = Def</pre>	702			<pre>Ini_Read_Real_File = D</pre>
703	write (S,*) Default	703			write (S,*) Default
704	call TNameValueList_Add	704			call TNameValueList_A
705	-	705			-
706	else	706			else
707	read (S,*, err=10) Ini_Rea	707			read (S,*, err=10) Ini
708	end if	708			end if
709		709			
710	return	710			return
711		711			
712	10 write (*,*) 'error reading	712		10	write (*,*) 'error reading
713	stop	713			stop
714		714			
715	<pre>end function Ini_Read_Real_F</pre>	715			<pre>end function Ini_Read_Real</pre>
716		716			
717		717			
718		718			
719	function Ini_Read_Real_Arra	719			function Ini_Read_Real_Arr
720	real, optional, intent(IN	720			real, optional, intent(IN)

/Users/lplopa/Compare/camb_simdata/inif		/Users/lplopa/Compare/camb_des/inifile.		
ile.f90,	Top line: 721	f90, Top line: 721		
721	<pre>integer, intent(in) :: in</pre>	721		<pre>integer, intent(in) :: ind</pre>
722	character (LEN=*), intent	722		character (LEN=*), intent(
723	real Ini Read Real Array	723		real Ini Read Real Array
724		724		
725	<pre>if (present(Default)) the</pre>	725	•	<pre>if (present(Default)) then</pre>
726	<pre>Ini_Read_Real_Array = In</pre>	726		<pre>Ini_Read_Real_Array =</pre>
727	else	727		else
728	<pre>Ini_Read_Real_Array = In</pre>	728		Ini_Read_Real_Array =
729	end if	729		end if
730	<pre>end function Ini_Read_Real_</pre>	730		<pre>end function Ini_Read_Real_</pre>
731		731		
732	function Ini_Read_Real_Array	732		function Ini_Read_Real_Arr
733	!Reads Key (1) , Key (2) , etc.	733		!Reads Key(1), Key(2), etc
734	Type(TIniFile) :: Ini	734		Type(TIniFile) :: Ini
735	real Ini_Read_Real_Array_Fi	735		real Ini_Read_Real_Array_F
736	real, optional, intent(IN)	736		real, optional, intent(IN)
737	<pre>integer, intent(in) :: inde</pre>	737		<pre>integer, intent(in) :: ind</pre>
738	character (LEN=*), intent(I	738		character (LEN=*), intent(
739	character(LEN=Ini_max_strin	739		character(LEN=Ini_max_stri
740		740		
741	ArrrayKey = Ini_Key_To_Ar	741		ArrrayKey = Ini_Key_To_Arr
742	if (present(Default)) the	742		if (present(Default)) then
743 744	Ini_Read_Real_Array_File	743 744		Ini_Read_Real_Array_Fi
22222	else Ini Read Real Array File	99999	•	else Thi Bood Bool Arrow Fi
745 746	end if	745 746		<pre>Ini_Read_Real_Array_Fi end if</pre>
747	end finction Ini Read Real A	747		end function Ini Read Real
748	end Innecton Int_read_reat_r	748		end runction int_kead_keat
749	function Ini Read Logical (Ke	749		function Ini Read Logical(
750	Logical, optional, intent	750		Logical, optional, intent(
000000		200000		

/Users/lp1opa/Compare/camb_simdata/inif		/Users/lplopa/Compare/camb_des/inifile.		
ile.f	90, Top line: 751	f90,	Top line: 751	
751	character (LEN=*), intent	751	character (LEN=*), intent(
752	logical Ini Read Logical	752	logical Ini Read Logical	
753		753		
754	<pre>if (present(Default)) the</pre>	754	<pre>if (present(Default)) then</pre>	
755	Ini Read Logical = Ini R	755	`Ini Read Logical´= Ini	
756	else	756	else	
757	<pre>Ini_Read_Logical = Ini_R</pre>	757	Ini_Read_Logical = Ini	
758	end if	758	end if	
759	<pre>end function Ini_Read_Logica</pre>	759	end function Ini_Read_Logi	
760		760		
761	function Ini_Read_Logical_Fi	761	function Ini_Read_Logical_	
762	Type(TIniFile) :: Ini	762	Type(TIniFile) :: Ini	
763		763		
764	<pre>logical Ini_Read_Logical_Fi</pre>	764	logical Ini_Read_Logical_F	
765	<pre>logical, optional, intent(I</pre>	765	logical, optional, intent(
766	<pre>character (LEN=*), intent(</pre>	766	character (LEN=*), intent	
767		767		
768	character(LEN=Ini_max_strin	768	character(LEN=Ini_max_stri	
769		769		
770	S = Ini_Read_String_File(In	770	S = Ini_Read_String_File(I	
771	if (S == '') then	771	if (S == '') then	
772	<pre>if (.not. present(Defaul</pre>	772	if (.not. present(Defa	
773	<pre>write(*,*) 'no value f</pre>	773	write(*,*) 'no val	
774	stop	774	stop	
775	end if	775	end if	
776	Ini_Read_Logical_File =	776	Ini_Read_Logical_File	
777	write (S,*) Default	777	write (S,*) Default	
778		778		
779	call TNameValueList_Add	779	call TNameValueList_A	
780		780		

/Users/lplopa/Compare/camb_simdata/inif		/Users/lplopa/Compare/camb_des/inifile.					
ile.f90, Top line: 781		f90, Top line: 781					
781	else	781				else	
782		782					
783	<pre>if (verify(trim(S),'10TF')</pre>	783				<pre>if (verify(trim(S),'10</pre>	
784	read $(S,*, err = 10)$ Ini R	784				read $(S, *, err = 10)$ I	
785	end if	785				end if	
786		786					
787	return	787				return	
788		788					
789	10 write (*,*) 'error reading	789		10)	write (*,*) 'error reading	
790	stop	790				stop	
791	<pre>end function Ini_Read_Logica</pre>	791				<pre>end function Ini_Read_Logi</pre>	
792		792					
793		793					
794		794					
795	subroutine Ini_SaveReadValue	795				<pre>subroutine Ini_SaveReadVal</pre>	
796	character(LEN=*) :: afile	796				<pre>character(LEN=*) :: afile</pre>	
797	<pre>integer, intent(in) :: unit</pre>	797				<pre>integer, intent(in) :: uni</pre>	
798		798					
799	call Ini_SaveReadValues_Fil	799				call Ini_SaveReadValues_Fi	
800		800					
801	<pre>end subroutine Ini_SaveReadV</pre>	801				end subroutine Ini_SaveRea	
802		802					
803		803					
804		804					
805	subroutine Ini_SaveReadValue	805				subroutine Ini_SaveReadVal	
806	Type(TIniFile) :: Ini	806				Type(TIniFile) :: Ini	
807	<pre>character(LEN=*), intent(in</pre>	807				<pre>character(LEN=*), intent(i</pre>	
808	integer, intent(in) :: unit	~~~~				<pre>integer, intent(in) :: uni</pre>	
809	integer i	809				integer i	
810		810					

<pre>/Users/lplopa/Compare/camb_simdata/inif ile.f90, Top line: 811</pre>		<pre>/Users/lplopa/Compare/camb_des/inifile. f90, Top line: 811</pre>				
811	open(unit=unit id,file=afil	811	<u> </u>	open(unit=unit id,file=afi		
812	- '	812		- · ·		
813	do i=1, Ini%ReadValues%Coun	813		do i=1, Ini%ReadValues%Cou		
814		814				
815	<pre>write (unit_id,'(a)') trim</pre>	815		<pre>write (unit_id,'(a)')</pre>		
816	//trim	816		//trim(Ini%ReadVal		
817		817				
818	end do	818		end do		
819		819				
820	close(unit_id)	820		close(unit_id)		
821	return	821		return		
822		822				
823	500 write(*,*) 'Ini_SaveReadVa	823	500	<pre>write(*,*) 'Ini_SaveReadVa</pre>		
824		824				
825	<pre>end subroutine Ini_SaveReadV</pre>	825		end subroutine Ini_SaveRea		
826		826				
827	end module IniFile	827		end module IniFile		
828		828				
829		829				