Compilers tested on RTTOV-8 code

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Change record			
Version	Date	Author / changed by	Remarks
1.1	11/01/04	Roger Saunders	Original draft
1.2	12/03/04	Roger Saunders	Updated after more tests
1.3	26/03/04	Roger Saunders	More tests
1.4	31/08/04	Roger Saunders	Added more compilers
1.5	08/10/04	James Cameron	Add sxf90 compiler

Compilers tested on RTTOV-8 code

The list below gives the details of the compilers and platforms on which RTTOV-8 was tested before release.

```
Machine: SUN Ultra-250
Operating system: SunOS 5.9 Generic
Compiler: Fujitsu Fortran Compiler Driver Version 4.0.2.1
Compiler options: -Am –O1 –M.

Machine: SUN Ultra-250
Operating system: SunOS 5.9 Generic
Compiler: Sun WorkShop 6 update 1 Fortran 95 6.1
Compiler options: -O3 -M.

Machine: SGI O2
Operating system: IRIX 6.5
Compiler: MIPSpro Compilers: Version 7.30
Compiler options: -r8 -trapuv -g

Machine: HP 9000/800
Operating system: HP-UX B.11.00
Compiler: HP F90 v2.5.3
Compiler options: -O2 +check=all

Machine: HP 9000/785
Operating system: HP-UX fr1200 B.11.00 A
Compiler: NAGWare Fortran 95 compiler Release 4.2(505)
Compiler options: -gline -C=all -nan

Machine: Cray T3E
Operating System:sn6702 sn6702 2.0.5.59 unicosmk
Compiler:Cray Fortran: Version 3.4.0.2
Compiler options: -Rbcs

Machine: VPP5000 UNIX_System_V xbar00 4.1 ES 3 5000 UXP/V
Compiler UXP/V  Fortran V20L20  Thu May  6 06:43:05 2004
Compiler options:FC = frt FC77=frtFFLAGS=-Am -O3 -M . -Cpp   (-Cpp is
for preprocessing of *.f90 files)

Machine: Linux eld093 2.4.20-30.9
Operating System: #1 Wed Feb 4 20:44:26 EST 2004 i686 i686 i386
GNU/Linux
Compiler: NAGWare Fortran 95 compiler Release 4.2(540)
Compiler Options: -gline -C=all –nan

Machine: Sun-Blade-100System:
Operating System: SunOS 5.8 Generic_108528-14 sun4u sparc
Compiler: Sun WorkShop[tm] 6 update 2 Fortran 95
Compiler Options: -O3 -M. -xtypemap=real:64,double:64,integer:32

Machine: Linux eld093 2.4.20-30.9
Operating System: #1 Wed Feb 4 20:44:26 EST 2004 i686 i686 i386
GNU/Linux
Compiler: Intel(R) Fortran Compiler for 32-bit applications, Version
7.1
Compiler Options: -g -cm -w95 –C
```

```
Machine: Linux arrakis.cms.meteo.fr 2.6.3-7mdk-i686-up-4GB
Operating System: #1 Wed Mar 17 15:17:23 CET 2004 i686 GNU/Linux
Compiler: Intel(R) Fortran Compiler for 32-bit applications, Version
8.0 Build 20040716Z Package ID: l_fc_pc_8.0.046_pe050.1
Compiler Options: -g -cm -w95
Note if you get a memory fault in scattering test: When using Intel
compiler V8.0 you need to allow more stack space than for V7.1 (in
the shell use "ulimit -a" to see the values). If "memory fault"
occurs the increase the value bu "ulimit -s value"

Machine: NEC SX-6 running SUPER-UX release 13.1
Front-End Machine: Linux tx01 2.4.18-nec3.2p1.028
                   #1 SMP Tue Jan 20 09:51:59 JST 2004 ia64 unknown
Compiler: FORTRAN90/SX Version 2.0 for SX-6, Rev.267.2 2003/05/29
Compiler Options: -ew -Cvopt -Wf,-pvctl loopcnt=200000
There is a section in Makefile_lib that needs to be uncommented so
the library is created using sxar.
```