Wave

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1 Data Type Index

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2 File Index

2.1 File List

Here is a list of all files with brief descriptions:

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3 Data Type Documentation

3.1 nwtc_aero::aerodata Type Reference

Public Attributes

- real(reki) alfastal
- real(reki) aod
- real(reki) aol
- real(reki) cd0
- real(reki) cna
- real(reki) cns
- real(reki) cnsl
- real(reki) cl
- real(reki) cd
- real(reki) cm
- real(reki) cpmin
- real(reki) ftb
- real(reki) ftbc

3.1.1 Detailed Description

Definition at line 5977 of file tempassembled.f90.

3.1.2 Member Data Documentation

3.1.2.1 real(reki) nwtc_aero::aerodata::alfastal

Definition at line 5978 of file tempassembled.f90.

3.1.2.2 real(reki) nwtc_aero::aerodata::aod

Definition at line 5979 of file tempassembled.f90.

3.1.2.3 real(reki) nwtc_aero::aerodata::aol

Definition at line 5980 of file tempassembled.f90.

3.1.2.4 real(reki) nwtc_aero::aerodata::cd

Definition at line 5986 of file tempassembled.f90.

3.1.2.5 real(reki) nwtc_aero::aerodata::cd0

Definition at line 5981 of file tempassembled.f90.

3.1.2.6 real(reki) nwtc_aero::aerodata::cl

Definition at line 5985 of file tempassembled.f90.

3.1.2.7 real(reki) nwtc_aero::aerodata::cm

Definition at line 5987 of file tempassembled.f90.

3.1.2.8 real(reki) nwtc_aero::aerodata::cna

Definition at line 5982 of file tempassembled.f90.

3.1.2.9 real(reki) nwtc_aero::aerodata::cns

Definition at line 5983 of file tempassembled.f90.

3.1.2.10 real(reki) nwtc_aero::aerodata::cnsl

Definition at line 5984 of file tempassembled.f90.

3.1.2.11 real(reki) nwtc_aero::aerodata::cpmin

Definition at line 5988 of file tempassembled.f90.

3.1.2.12 real(reki) nwtc_aero::aerodata::ftb

Definition at line 5989 of file tempassembled.f90.

3.1.2.13 real(reki) nwtc_aero::aerodata::ftbc

Definition at line 5990 of file tempassembled.f90.

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

- tempassembled.f90

3.2 nwtc_aero::aerotable Type Reference

Public Attributes

- real(reki) alfastal
- real(reki) aod
- real(reki) aol
- real(reki) cd0
- real(reki) cna
- real(reki) cns
- real(reki) cnsl
- real(reki) re
- real(reki) ctrl
- integer ind = 0
- integer numalf
- real(reki), dimension(:), allocatable alpha
- real(reki), dimension(:), allocatable cl
- real(reki), dimension(:), allocatable cd
- real(reki), dimension(:), allocatable cm
- real(reki), dimension(:), allocatable cpmin
- real(reki), dimension(:), allocatable ftb
- real(reki), dimension(:), allocatable ftbc

3.2.1 Detailed Description

Definition at line 5993 of file tempassembled.f90.

3.2.2 Member Data Documentation

3.2.2.1 real(reki) nwtc_aero::aerotable::alfastal

Definition at line 5994 of file tempassembled.f90.

3.2.2.2 real(reki), dimension (:), allocatable nwtc_aero::aerotable::alpha

Definition at line 6005 of file tempassembled.f90.

3.2.2.3 real(reki) nwtc_aero::aerotable::aod

Definition at line 5995 of file tempassembled.f90.

3.2.2.4 real(reki) nwtc_aero::aerotable::aol

Definition at line 5996 of file tempassembled.f90.

3.2.2.5 real(reki), dimension (:), allocatable nwtc_aero::aerotable::cd

Definition at line 6007 of file tempassembled.f90.

3.2.2.6 real(reki) nwtc_aero::aerotable::cd0

Definition at line 5997 of file tempassembled.f90.

3.2.2.7 real(reki), dimension (:), allocatable nwtc_aero::aerotable::cl

Definition at line 6006 of file tempassembled.f90.

3.2.2.8 real(reki), dimension (:), allocatable nwtc_aero::aerotable::cm

Definition at line 6008 of file tempassembled.f90.

3.2.2.9 real(reki) nwtc_aero::aerotable::cna

Definition at line 5998 of file tempassembled.f90.

3.2.2.10 real(reki) nwtc_aero::aerotable::cns

Definition at line 5999 of file tempassembled.f90.

3.2.2.11 real(reki) nwtc_aero::aerotable::cnsl

Definition at line 6000 of file tempassembled.f90.

3.2.2.12 real(reki), dimension (:), allocatable nwtc_aero::aerotable::cpmin

Definition at line 6009 of file tempassembled.f90.

3.2.2.13 real(reki) nwtc_aero::aerotable::ctrl

Definition at line 6002 of file tempassembled.f90.

3.2.2.14 real(reki), dimension (:), allocatable nwtc_aero::aerotable::ftb

Definition at line 6010 of file tempassembled.f90.

3.2.2.15 real(reki), dimension (:), allocatable nwtc_aero::aerotable::ftbc

Definition at line 6011 of file tempassembled.f90.

3.2.2.16 integer nwtc_aero::aerotable::ind = 0

Definition at line 6003 of file tempassembled.f90.

3.2.2.17 integer nwtc_aero::aerotable::numalf

Definition at line 6004 of file tempassembled.f90.

3.2.2.18 real(reki) nwtc_aero::aerotable::re

Definition at line 6001 of file tempassembled.f90.

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

- tempassembled.f90

3.3 nwtc_aero::alfindx Type Reference

Public Attributes

- integer numbld
- integer numelm
- integer, dimension(:,:), allocatable ind

3.3.1 Detailed Description

Definition at line 6014 of file tempassembled.f90.

3.3.2 Member Data Documentation

3.3.2.1 integer, dimension (:,:), allocatable nwtc_aero::alfindx::ind

Definition at line 6017 of file tempassembled.f90.

3.3.2.2 integer nwtc_aero::alfindx::numbld

Definition at line 6015 of file tempassembled.f90.

3.3.2.3 integer nwtc_aero::alfindx::numelm

Definition at line 6016 of file tempassembled.f90.

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

- tempassembled.f90

3.4 nwtc_io::allocary Interface Reference

Public Member Functions

- subroutine allcary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allcary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allcary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alliary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alliary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alliary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alllary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alllary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alllary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allrary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allrary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary4 (Ary, AryDim1, AryDim2, AryDim3, AryDim4, Descr, ErrStat)
- subroutine allcary1 (Ary, AryDim, Descr, ErrStat)

- subroutine allcary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allcary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alliary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alliary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alliary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alllary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alllary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alllary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allrary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allrary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary4 (Ary, AryDim1, AryDim2, AryDim3, AryDim4, Descr, ErrStat)
- subroutine allcary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allcary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allcary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alliary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alliary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alliary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alllary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alllary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alllary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allrary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allrary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary4 (Ary, AryDim1, AryDim2, AryDim3, AryDim4, Descr, ErrStat)
- subroutine allcary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allcary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allcary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alliary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alliary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alliary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alllary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alllary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alllary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allrary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allrary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary4 (Ary, AryDim1, AryDim2, AryDim3, AryDim4, Descr, ErrStat)
- subroutine allcary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allcary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allcary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alliary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alliary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alliary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alllary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alllary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alllary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allrary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allrary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary4 (Ary, AryDim1, AryDim2, AryDim3, AryDim4, Descr, ErrStat)

3.4.1 Detailed Description

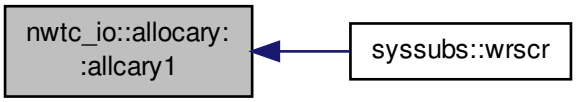
Definition at line 1043 of file tempassembled.f90.

3.4.2 Member Function/Subroutine Documentation

3.4.2.1 subroutine nwtc_io::allocary::allcary1 (character(∗), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1160 of file tempassembled.f90.

Here is the caller graph for this function:



3.4.2.2 subroutine nwtc_io::allocary::allcary1 (character(∗), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 42770 of file tempassembled.f90.

3.4.2.3 subroutine nwtc_io::allocary::allcary1 (character(∗), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15030 of file tempassembled.f90.

3.4.2.4 subroutine nwtc_io::allocary::allcary1 (character(∗), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 28900 of file tempassembled.f90.

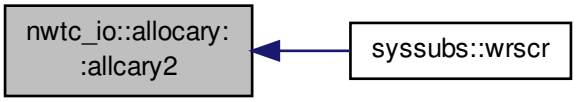
3.4.2.5 subroutine nwtc_io::allocary::allcary1 (character(∗), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56671 of file tempassembled.f90.

3.4.2.6 subroutine nwtc_io::allocary::allcary2 (character(∗), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1193 of file tempassembled.f90.

Here is the caller graph for this function:



3.4.2.7 subroutine nwtc_io::allocary::allcary2 (character(∗), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 42803 of file tempassembled.f90.

3.4.2.8 subroutine nwtc_io::allocary::allcary2 (character(∗), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56704 of file tempassembled.f90.

3.4.2.9 subroutine nwtc_io::allocary::allcary2 (character(∗), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15063 of file tempassembled.f90.

3.4.2.10 subroutine nwtc_io::allocary::allcary2 (character(∗), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 28933 of file tempassembled.f90.

3.4.2.11 subroutine nwtc_io::allocary::allcary3 (character(∗), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15096 of file tempassembled.f90.

3.4.2.12 subroutine nwtc_io::allocary::allcary3 (character(∗), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 42836 of file tempassembled.f90.

3.4.2.13 subroutine nwtc_io::allocary::allcary3 (character(∗), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56737 of file tempassembled.f90.

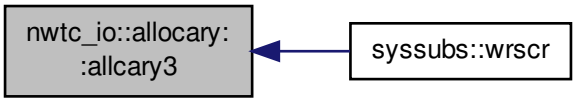
3.4.2.14 subroutine nwtc_io::allocary::allcary3 (character(∗), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 28966 of file tempassembled.f90.

3.4.2.15 subroutine nwtc_io::allocary::allcary3 (character(∗), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1226 of file tempassembled.f90.

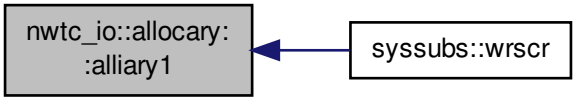
Here is the caller graph for this function:



3.4.2.16 subroutine nwtc_io::allocary::alliary1 (integer, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1262 of file tempassembled.f90.

Here is the caller graph for this function:



3.4.2.17 subroutine nwtc_io::allocary::alliary1 (integer, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15132 of file tempassembled.f90.

3.4.2.18 subroutine nwtc_io::allocary::alliary1 (integer, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 42872 of file tempassembled.f90.

3.4.2.19 subroutine nwtc_io::allocary::alliary1 (integer, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56773 of file tempassembled.f90.

3.4.2.20 subroutine nwtc_io::allocary::alliary1 (integer, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29002 of file tempassembled.f90.

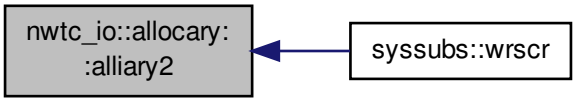
3.4.2.21 subroutine nwtc_io::allocary::alliary2 (integer, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15164 of file tempassembled.f90.

3.4.2.22 subroutine nwtc_io::allocary::alliary2 (integer, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1294 of file tempassembled.f90.

Here is the caller graph for this function:



3.4.2.23 subroutine nwtc_io::allocary::alliary2 (integer, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 42904 of file tempassembled.f90.

3.4.2.24 subroutine nwtc_io::allocary::alliary2 (integer, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56805 of file tempassembled.f90.

3.4.2.25 subroutine nwtc_io::allocary::alliary2 (integer, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29034 of file tempassembled.f90.

3.4.2.26 subroutine nwtc_io::allocary::alliary3 (integer, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29067 of file tempassembled.f90.

3.4.2.27 subroutine nwtc_io::allocary::alliary3 (integer, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15197 of file tempassembled.f90.

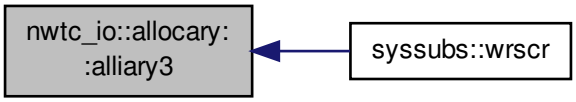
3.4.2.28 subroutine nwtc_io::allocary::alliary3 (integer, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 42937 of file tempassembled.f90.

3.4.2.29 subroutine nwtc_io::allocary::alliary3 (integer, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1327 of file tempassembled.f90.

Here is the caller graph for this function:



3.4.2.30 subroutine nwtc_io::allocary::alliary3 (integer, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56838 of file tempassembled.f90.

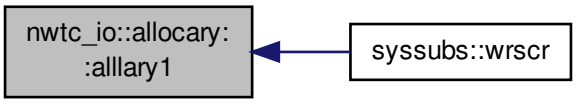
3.4.2.31 subroutine nwtc_io::allocary::alllary1 (logical, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29102 of file tempassembled.f90.

3.4.2.32 subroutine nwtc_io::allocary::alllary1 (logical, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1362 of file tempassembled.f90.

Here is the caller graph for this function:



3.4.2.33 subroutine nwtc_io::allocary::alllary1 (logical, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15232 of file tempassembled.f90.

3.4.2.34 subroutine nwtc_io::allocary::alllary1 (logical, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 42972 of file tempassembled.f90.

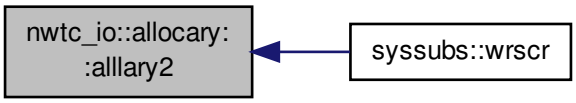
3.4.2.35 subroutine nwtc_io::allocary::alllary1 (logical, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56873 of file tempassembled.f90.

3.4.2.36 subroutine nwtc_io::allocary::alllary2 (logical, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1396 of file tempassembled.f90.

Here is the caller graph for this function:



3.4.2.37 subroutine nwtc_io::allocary::alllary2 (logical, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56907 of file tempassembled.f90.

3.4.2.38 subroutine nwtc_io::allocary::alllary2 (logical, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29136 of file tempassembled.f90.

3.4.2.39 subroutine nwtc_io::allocary::alllary2 (logical, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15266 of file tempassembled.f90.

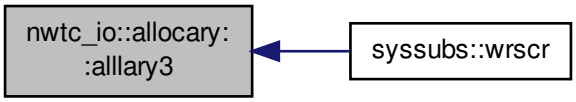
3.4.2.40 subroutine nwtc_io::allocary::alllary2 (logical, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 43006 of file tempassembled.f90.

3.4.2.41 subroutine nwtc_io::allocary::alllary3 (logical, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1431 of file tempassembled.f90.

Here is the caller graph for this function:



3.4.2.42 subroutine nwtc_io::allocary::alllary3 (logical, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29171 of file tempassembled.f90.

3.4.2.43 subroutine nwtc_io::allocary::alllary3 (logical, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15301 of file tempassembled.f90.

3.4.2.44 subroutine nwtc_io::allocary::alllary3 (logical, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 43041 of file tempassembled.f90.

3.4.2.45 subroutine nwtc_io::allocary::alllary3 (logical, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56942 of file tempassembled.f90.

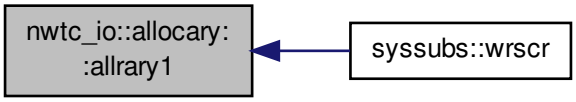
3.4.2.46 subroutine nwtc_io::allocary::allrary1 (real(reki), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29207 of file tempassembled.f90.

3.4.2.47 subroutine nwtc_io::allocary::allrary1 (real(reki), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1467 of file tempassembled.f90.

Here is the caller graph for this function:



3.4.2.48 subroutine nwtc_io::allocary::allrary1 (real(reki), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15337 of file tempassembled.f90.

3.4.2.49 subroutine nwtc_io::allocary::allrary1 (real(reki), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 43077 of file tempassembled.f90.

3.4.2.50 subroutine nwtc_io::allocary::allrary1 (real(reki), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56978 of file tempassembled.f90.

3.4.2.51 subroutine nwtc_io::allocary::allrary2 (real(reki), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29241 of file tempassembled.f90.

3.4.2.52 subroutine nwtc_io::allocary::allrary2 (real(reki), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15371 of file tempassembled.f90.

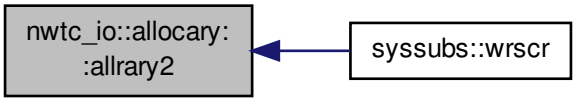
3.4.2.53 subroutine nwtc_io::allocary::allrary2 (real(reki), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 43111 of file tempassembled.f90.

3.4.2.54 subroutine nwtc_io::allocary::allrary2 (real(reki), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1501 of file tempassembled.f90.

Here is the caller graph for this function:



3.4.2.55 subroutine nwtc_io::allocary::allrary2 (real(reki), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 57012 of file tempassembled.f90.

3.4.2.56 subroutine nwtc_io::allocary::allrary3 (real(reki), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29276 of file tempassembled.f90.

3.4.2.57 subroutine nwtc_io::allocary::allrary3 (real(reki), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 57047 of file tempassembled.f90.

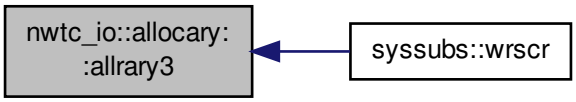
3.4.2.58 subroutine nwtc_io::allocary::allrary3 (real(reki), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 43146 of file tempassembled.f90.

3.4.2.59 subroutine nwtc_io::allocary::allrary3 (real(reki), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1536 of file tempassembled.f90.

Here is the caller graph for this function:



3.4.2.60 subroutine nwtc_io::allocary::allrary3 (real(reki), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15406 of file tempassembled.f90.

3.4.2.61 subroutine nwtc_io::allocary::allrary4 (real(reki), dimension (:,:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* integer, intent(in) *AryDim4,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15442 of file tempassembled.f90.

3.4.2.62 subroutine nwtc_io::allocary::allrary4 (real(reki), dimension (:,:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* integer, intent(in) *AryDim4,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 57083 of file tempassembled.f90.

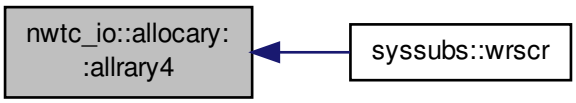
3.4.2.63 subroutine nwtc_io::allocary::allrary4 (real(reki), dimension (:,:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* integer, intent(in) *AryDim4,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29312 of file tempassembled.f90.

3.4.2.64 subroutine nwtc_io::allocary::allrary4 (real(reki), dimension (:,:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* integer, intent(in) *AryDim4,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1572 of file tempassembled.f90.

Here is the caller graph for this function:



3.4.2.65 subroutine nwtc_io::allocary::allrary4 (real(reki), dimension (:,:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* integer, intent(in) *AryDim4,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 43182 of file tempassembled.f90.

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

- tempassembled.f90

3.5 ctwind::ct_backgr Type Reference

Public Attributes

- character(1024) windfile
- integer windfiletype
- logical coherentstr

3.5.1 Detailed Description

Definition at line 7291 of file tempassembled.f90.

3.5.2 Member Data Documentation

3.5.2.1 logical ctwind::ct_backgr::coherentstr

Definition at line 7294 of file tempassembled.f90.

3.5.2.2 character(1024) ctwind::ct_backgr::windfile

Definition at line 7292 of file tempassembled.f90.

3.5.2.3 integer ctwind::ct_backgr::windfiletype

Definition at line 7293 of file tempassembled.f90.

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

- tempassembled.f90

3.6 ctwind Module Reference

Data Types

- type ct_backgr
- type ctwindfiles

Public Member Functions

- subroutine, public ct_init (UnWind, WindFile, BackGrndValues, ErrStat)
- subroutine, public ct_setrefval (Height, HWidth, ErrStat)
- type(inflintrpout) function, public ct_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public ct_terminate (ErrStat)
- subroutine, public ct_init (UnWind, WindFile, BackGrndValues, ErrStat)
- subroutine, public ct_setrefval (Height, HWidth, ErrStat)
- type(inflintrpout) function, public ct_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public ct_terminate (ErrStat)
- subroutine, public ct_init (UnWind, WindFile, BackGrndValues, ErrStat)
- subroutine, public ct_setrefval (Height, HWidth, ErrStat)
- type(inflintrpout) function, public ct_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public ct_terminate (ErrStat)
- subroutine, public ct_init (UnWind, WindFile, BackGrndValues, ErrStat)
- subroutine, public ct_setrefval (Height, HWidth, ErrStat)

- type(inflintrpout) function, public ct_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public ct_terminate (ErrStat)
- subroutine, public ct_init (UnWind, WindFile, BackGrndValues, ErrStat)
- subroutine, public ct_setrefval (Height, HWidth, ErrStat)
- type(inflintrpout) function, public ct_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public ct_terminate (ErrStat)

Private Member Functions

- subroutine readctdata (UnWind, CTFileNo, Itime, ErrStat)
- subroutine loadctdata (UnWind, FileName, ITime, IComp, Vel, ErrStat)
- subroutine readctp (UnWind, FileName, CTPscaling, ErrStat)
- subroutine readcts (UnWind, FileName, CT_SC_ext, ErrStat)
- subroutine readctscales (UnWind, FileName, ErrStat)
- subroutine readctdata (UnWind, CTFileNo, Itime, ErrStat)
- subroutine loadctdata (UnWind, FileName, ITime, IComp, Vel, ErrStat)
- subroutine readctp (UnWind, FileName, CTPscaling, ErrStat)
- subroutine readcts (UnWind, FileName, CT_SC_ext, ErrStat)
- subroutine readctscales (UnWind, FileName, ErrStat)
- subroutine readctdata (UnWind, CTFileNo, Itime, ErrStat)
- subroutine loadctdata (UnWind, FileName, ITime, IComp, Vel, ErrStat)
- subroutine readctp (UnWind, FileName, CTPscaling, ErrStat)
- subroutine readcts (UnWind, FileName, CT_SC_ext, ErrStat)
- subroutine readctscales (UnWind, FileName, ErrStat)
- subroutine readctdata (UnWind, CTFileNo, Itime, ErrStat)
- subroutine loadctdata (UnWind, FileName, ITime, IComp, Vel, ErrStat)
- subroutine readctp (UnWind, FileName, CTPscaling, ErrStat)
- subroutine readcts (UnWind, FileName, CT_SC_ext, ErrStat)
- subroutine readctscales (UnWind, FileName, ErrStat)
- subroutine readctdata (UnWind, CTFileNo, Itime, ErrStat)
- subroutine loadctdata (UnWind, FileName, ITime, IComp, Vel, ErrStat)
- subroutine readctp (UnWind, FileName, CTPscaling, ErrStat)
- subroutine readcts (UnWind, FileName, CT_SC_ext, ErrStat)
- subroutine readctscales (UnWind, FileName, ErrStat)

Private Attributes

- integer, parameter numcomps = 3
- real(reki) delyctgrid
- real(reki) delzctgrid
- real(reki) ctdistsc
- real(reki), dimension(numcomps) ctoffset
- real(reki), dimension(numcomps) ctscale
- real(reki), dimension(:,:,:), allocatable ctvelu
- real(reki), dimension(:,:,:), allocatable ctvelv
- real(reki), dimension(:,:,:), allocatable ctvelw
- real(reki) ctly

- real(reki) ctlz
- real(reki) ctscalevel
- real(reki), dimension(:), allocatable tdata
- real(reki) ct_zref
- real(reki) ctyhwid
- real(reki) ctymax
- real(reki) ctyt
- real(reki) ctzmax
- real(reki) invmctws
- integer ct_df_y
- integer ct_df_z
- integer, dimension(2) ctvel_files
- integer indct_hi
- integer indct_lo
- integer numctt
- integer numcty
- integer numctyd
- integer numctyd1
- integer numctz
- integer numctzd
- integer numctzd1
- integer, save timeindx = 0
- integer, dimension(:), allocatable timestpct
- integer ctwindunit
- logical ctvertshft
- character(3) ctext
- character(1024) ctspath

3.6.1 Detailed Description

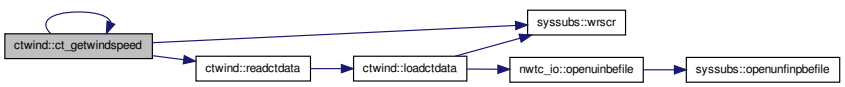
Definition at line 7214 of file tempassembled.f90.

3.6.2 Member Function/Subroutine Documentation

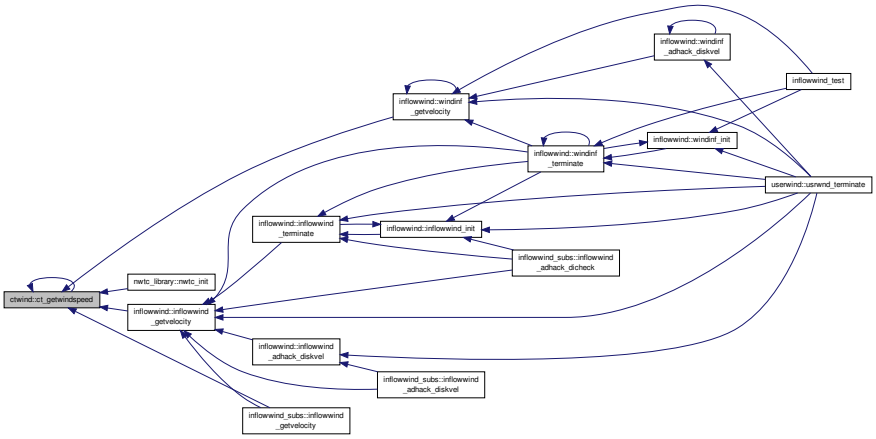
3.6.2.1 type(inflintrpout) function, public ctwind::ct_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 7510 of file tempassembled.f90.

Here is the call graph for this function:



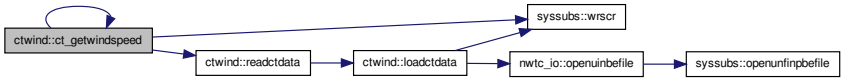
Here is the caller graph for this function:



3.6.2.2 type(inflintrpout) function, public ctwind::ct_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 35250 of file tempassembled.f90.

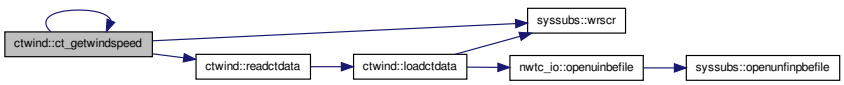
Here is the call graph for this function:



3.6.2.3 type(inflintrpout) function, public ctwind::ct_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 63039 of file tempassembled.f90.

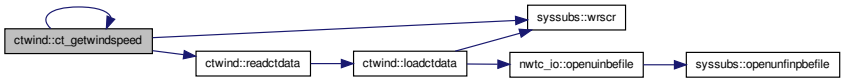
Here is the call graph for this function:



3.6.2.4 type(inflintrpout) function, public ctwind::ct_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 21380 of file tempassembled.f90.

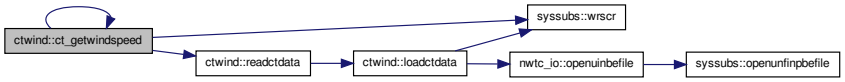
Here is the call graph for this function:



3.6.2.5 type(inflintrpout) function, public ctwind::ct_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 49132 of file tempassembled.f90.

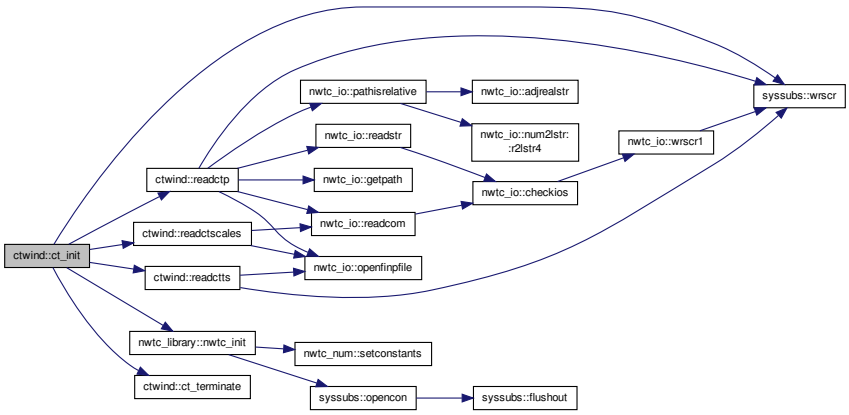
Here is the call graph for this function:



3.6.2.6 subroutine, public ctwind::ct_init (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* type(ct_backgr), intent(out) *BackGrndValues,* integer, intent(out) *ErrStat*)

Definition at line 35045 of file tempassembled.f90.

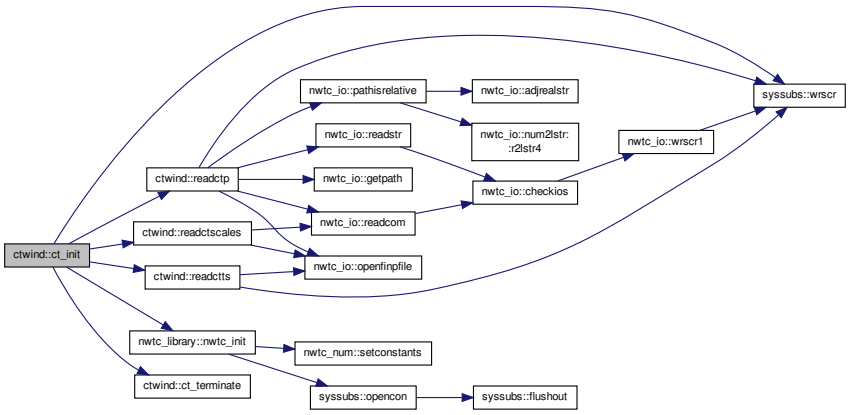
Here is the call graph for this function:



3.6.2.7 subroutine, public ctwind::ct_init (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* type(ct_backgr), intent(out) *BackGrndValues,* integer, intent(out) *ErrStat*)

Definition at line 62834 of file tempassembled.f90.

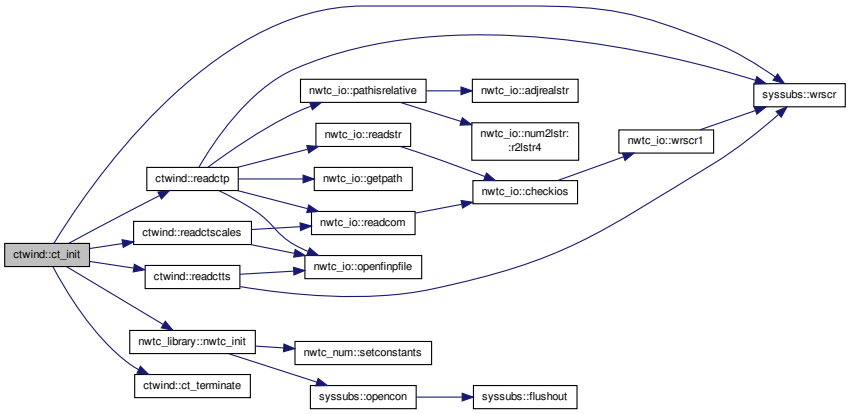
Here is the call graph for this function:



3.6.2.8 subroutine, public ctwind::ct_init (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* type(ct_backgr), intent(out) *BackGrndValues,* integer, intent(out) *ErrStat*)

Definition at line 21175 of file tempassembled.f90.

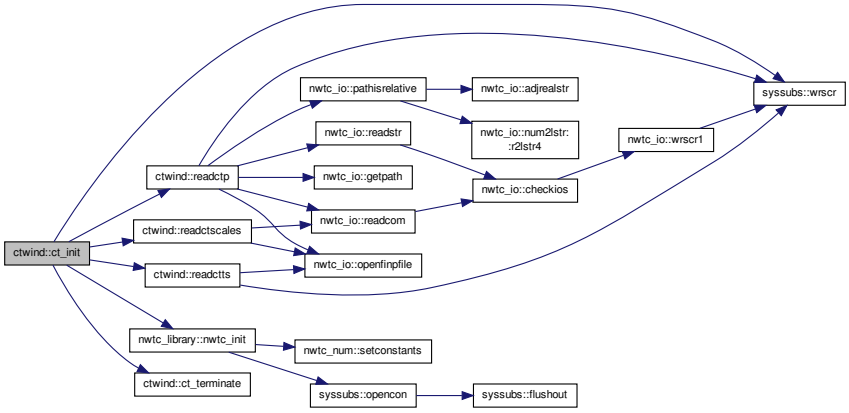
Here is the call graph for this function:



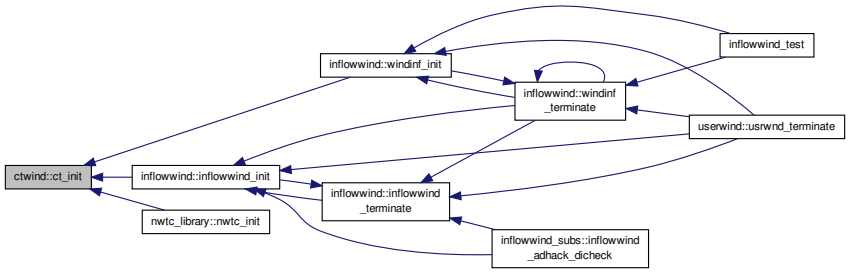
3.6.2.9 subroutine, public ctwind::ct_init (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* type(ct_backgr), intent(out) *BackGrndValues,* integer, intent(out) *ErrStat*)

Definition at line 7305 of file tempassembled.f90.

Here is the call graph for this function:



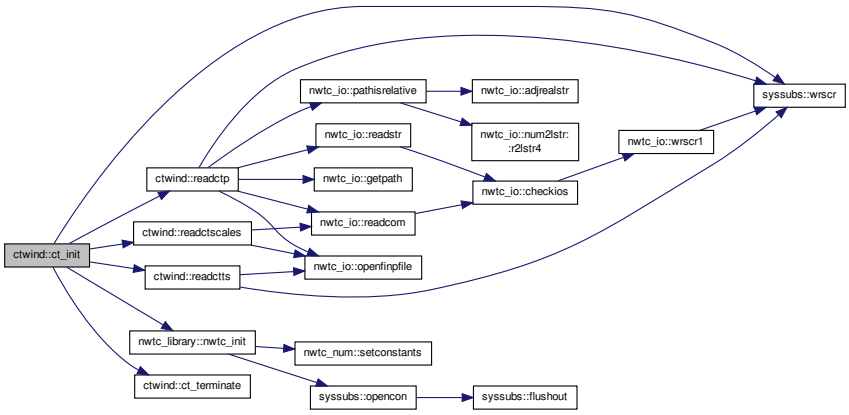
Here is the caller graph for this function:



3.6.2.10 subroutine, public ctwind::ct_init (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* type(ct_backgr), intent(out) *BackGrndValues,* integer, intent(out) *ErrStat*)

Definition at line 48927 of file tempassembled.f90.

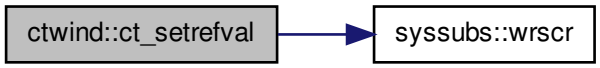
Here is the call graph for this function:



3.6.2.11 subroutine, public ctwind::ct_setrefval (real(reki), intent(in) *Height,* real(reki), intent(in), optional *HWidth,* integer, intent(out) *ErrStat*)

Definition at line 62985 of file tempassembled.f90.

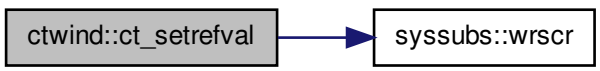
Here is the call graph for this function:



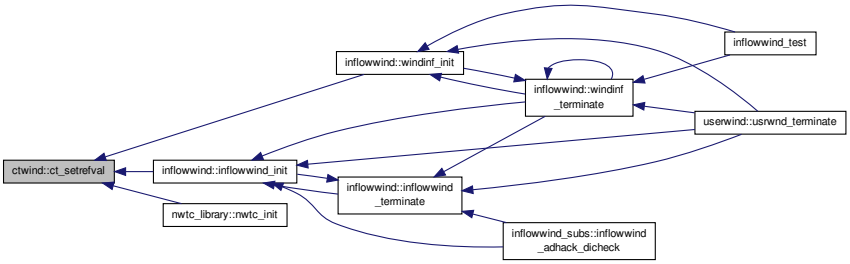
3.6.2.12 subroutine, public ctwind::ct_setrefval (real(reki), intent(in) *Height,* real(reki), intent(in), optional *HWidth,* integer, intent(out) *ErrStat*)

Definition at line 7456 of file tempassembled.f90.

Here is the call graph for this function:



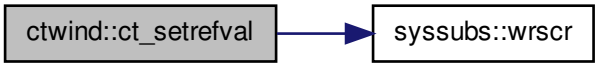
Here is the caller graph for this function:



3.6.2.13 subroutine, public ctwind::ct_setrefval (real(reki), intent(in) *Height,* real(reki), intent(in), optional *HWidth,* integer, intent(out) *ErrStat*)

Definition at line 35196 of file tempassembled.f90.

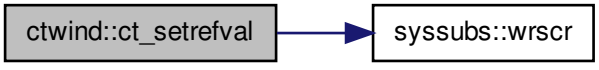
Here is the call graph for this function:



3.6.2.14 subroutine, public ctwind::ct_setrefval (real(reki), intent(in) *Height,* real(reki), intent(in), optional *HWidth,* integer, intent(out) *ErrStat*)

Definition at line 21326 of file tempassembled.f90.

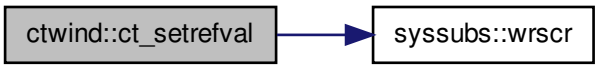
Here is the call graph for this function:



3.6.2.15 subroutine, public ctwind::ct_setrefval (real(reki), intent(in) *Height,* real(reki), intent(in), optional *HWidth,* integer, intent(out) *ErrStat*)

Definition at line 49078 of file tempassembled.f90.

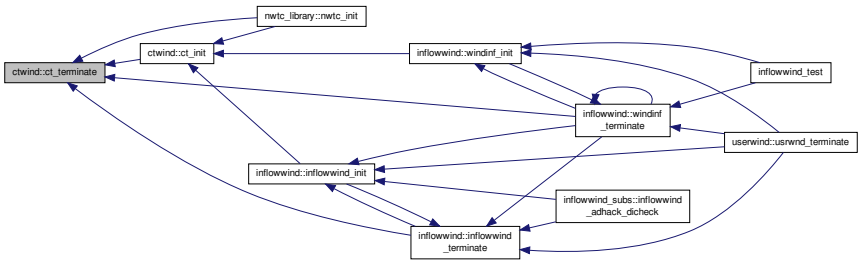
Here is the call graph for this function:



3.6.2.16 subroutine, public ctwind::ct_terminate (integer, intent(out) *ErrStat*)

Definition at line 8190 of file tempassembled.f90.

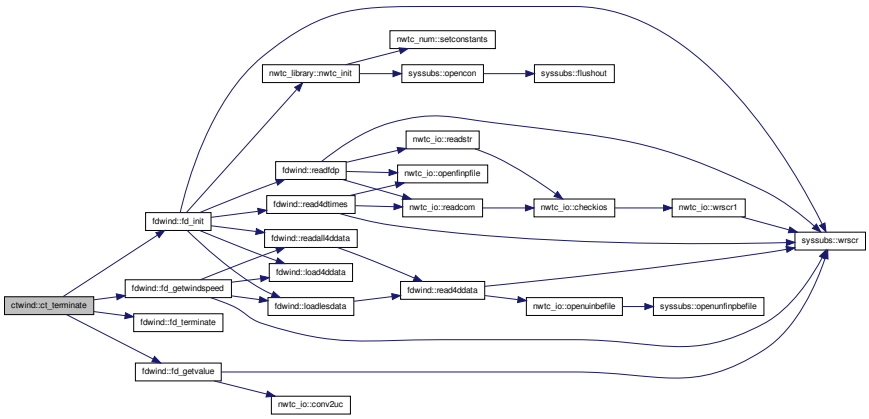
Here is the caller graph for this function:



3.6.2.17 subroutine, public ctwind::ct_terminate (integer, intent(out) *ErrStat*)

Definition at line 49812 of file tempassembled.f90.

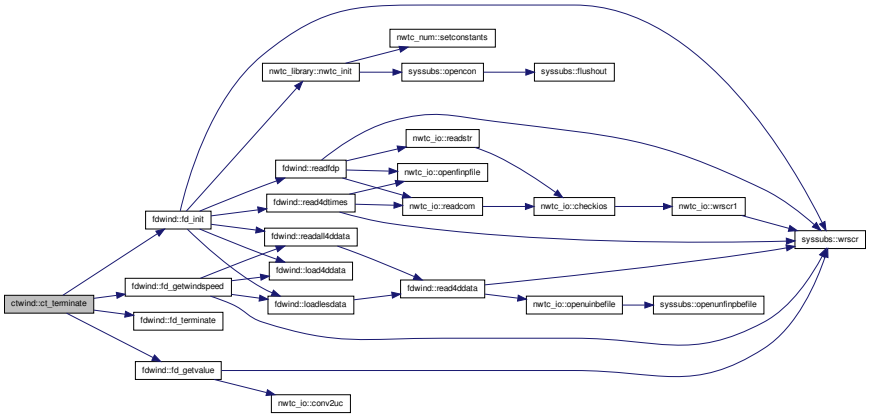
Here is the call graph for this function:



3.6.2.18 subroutine, public ctwind::ct_terminate (integer, intent(out) *ErrStat*)

Definition at line 22060 of file tempassembled.f90.

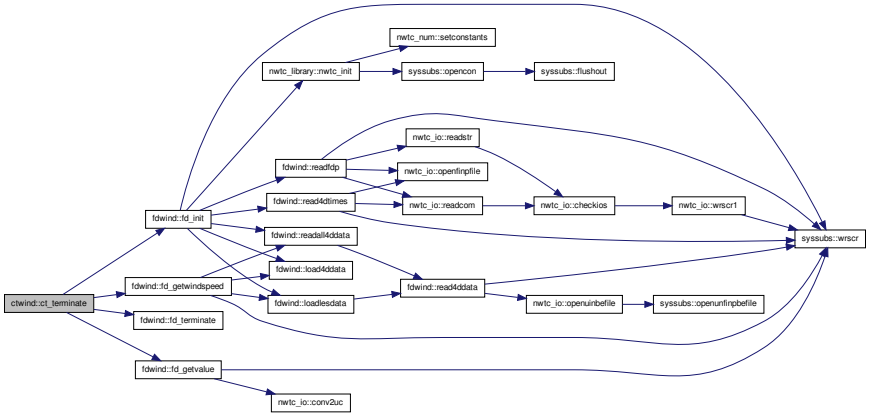
Here is the call graph for this function:



3.6.2.19 subroutine, public ctwind::ct_terminate (integer, intent(out) *ErrStat*)

Definition at line 63719 of file tempassembled.f90.

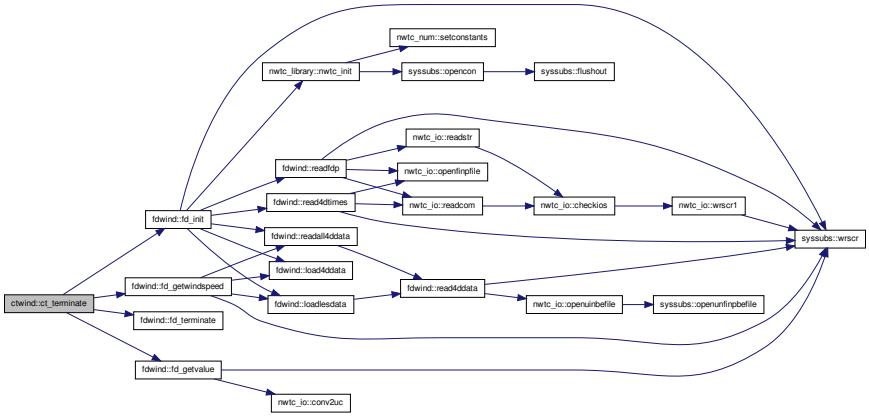
Here is the call graph for this function:



3.6.2.20 subroutine, public ctwind::ct_terminate (integer, intent(out) *ErrStat*)

Definition at line 35930 of file tempassembled.f90.

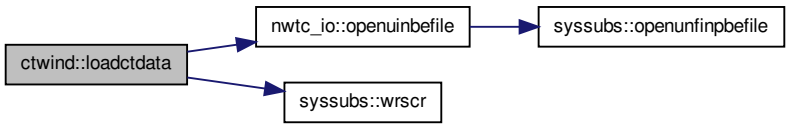
Here is the call graph for this function:



3.6.2.21 subroutine ctwind::loadctdata (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* integer, intent(in) *ITime,* integer, intent(in) *IComp,* real(reki), dimension (**numctyd**,**numctzd**,2), intent(inout) *Vel,* integer, intent(out) *ErrStat*) [private]

Definition at line 49462 of file tempassembled.f90.

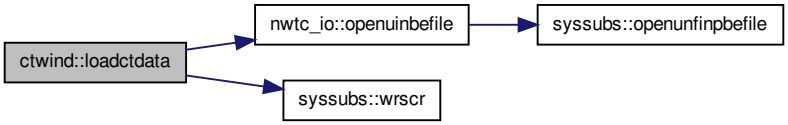
Here is the call graph for this function:



3.6.2.22 subroutine ctwind::loadctdata (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* integer, intent(in) *ITime,* integer, intent(in) *IComp,* real(reki), dimension (**numctyd**,**numctzd**,2), intent(inout) *Vel,* integer, intent(out) *ErrStat*) [private]

Definition at line 63369 of file tempassembled.f90.

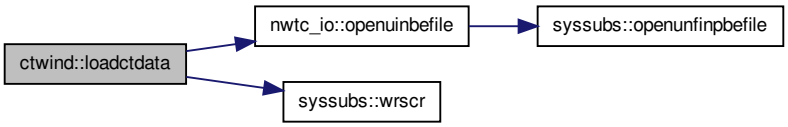
Here is the call graph for this function:



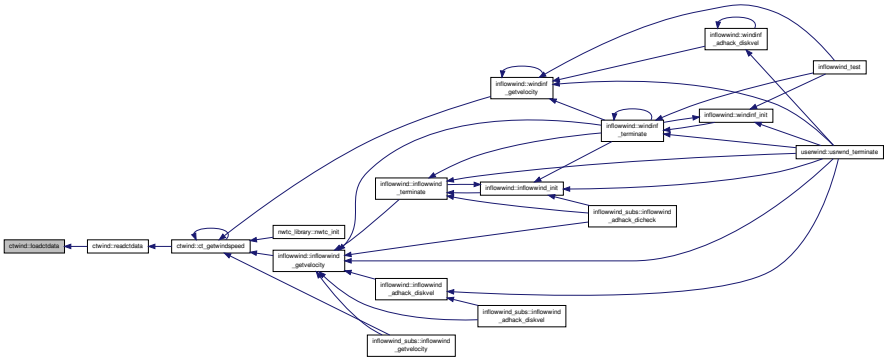
3.6.2.23 subroutine ctwind::loadctdata (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* integer, intent(in) *ITime,* integer, intent(in) *IComp,* real(reki), dimension (**numctyd**,**numctzd**,2), intent(inout) *Vel,* integer, intent(out) *ErrStat*) [private]

Definition at line 7840 of file tempassembled.f90.

Here is the call graph for this function:



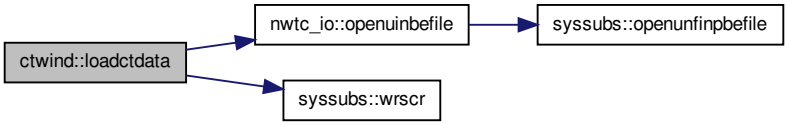
Here is the caller graph for this function:



3.6.2.24 subroutine ctwind::loadctdata (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* integer, intent(in) *ITime,* integer, intent(in) *IComp,* real(reki), dimension (**numctyd**,**numctzd**,2), intent(inout) *Vel,* integer, intent(out) *ErrStat*) [private]

Definition at line 35580 of file tempassembled.f90.

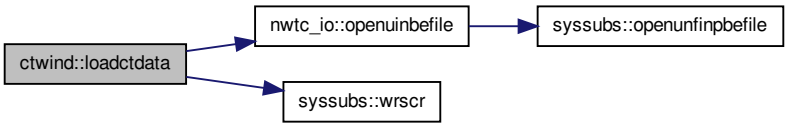
Here is the call graph for this function:



3.6.2.25 subroutine ctwind::loadctdata (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* integer, intent(in) *ITime,* integer, intent(in) *IComp,* real(reki), dimension (**numctyd**,**numctzd**,2), intent(inout) *Vel,* integer, intent(out) *ErrStat*) [private]

Definition at line 21710 of file tempassembled.f90.

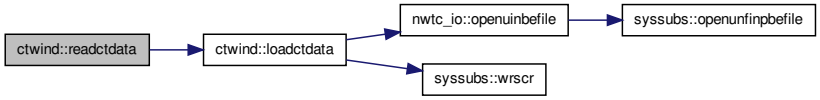
Here is the call graph for this function:



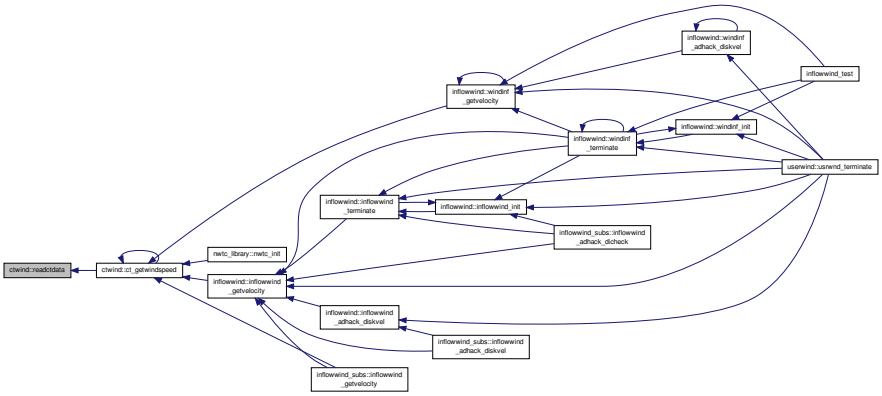
3.6.2.26 subroutine ctwind::readctdata (integer, intent(in) *UnWind,* integer, intent(in) *CTFileNo,* integer, intent(in) *Itime,* integer, intent(out) *ErrStat*) [private]

Definition at line 7787 of file tempassembled.f90.

Here is the call graph for this function:



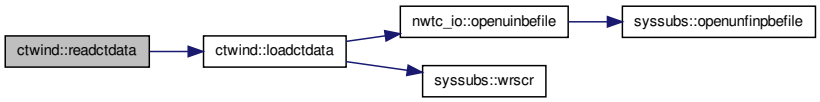
Here is the caller graph for this function:



3.6.2.27 subroutine ctwind::readctdata (integer, intent(in) *UnWind,* integer, intent(in) *CTFileNo,* integer, intent(in) *Itime,* integer, intent(out) *ErrStat*) [private]

Definition at line 63316 of file tempassembled.f90.

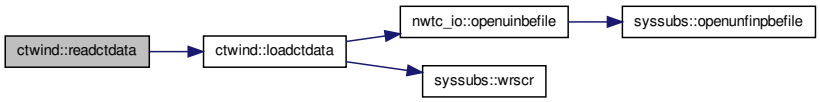
Here is the call graph for this function:



3.6.2.28 subroutine ctwind::readctdata (integer, intent(in) *UnWind,* integer, intent(in) *CTFileNo,* integer, intent(in) *Itime,* integer, intent(out) *ErrStat*) [private]

Definition at line 21657 of file tempassembled.f90.

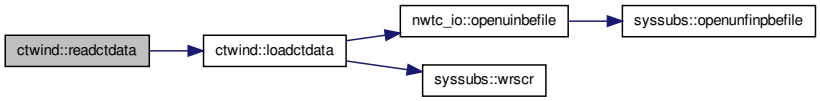
Here is the call graph for this function:



3.6.2.29 subroutine ctwind::readctdata (integer, intent(in) *UnWind,* integer, intent(in) *CTFileNo,* integer, intent(in) *Itime,* integer, intent(out) *ErrStat*) [private]

Definition at line 35527 of file tempassembled.f90.

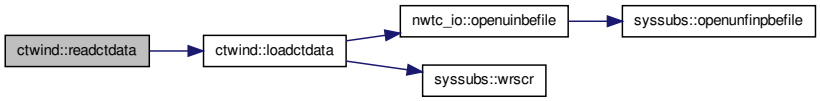
Here is the call graph for this function:



3.6.2.30 subroutine ctwind::readctdata (integer, intent(in) *UnWind,* integer, intent(in) *CTFileNo,* integer, intent(in) *Itime,* integer, intent(out) *ErrStat*) [private]

Definition at line 49409 of file tempassembled.f90.

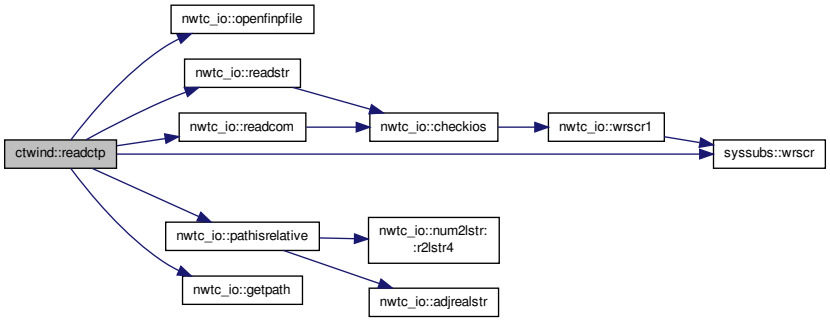
Here is the call graph for this function:



3.6.2.31 subroutine ctwind::readctp (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* type(**ctwindfiles**), intent(out) *CTPscaling,* integer, intent(out) *ErrStat*) [private]

Definition at line 21778 of file tempassembled.f90.

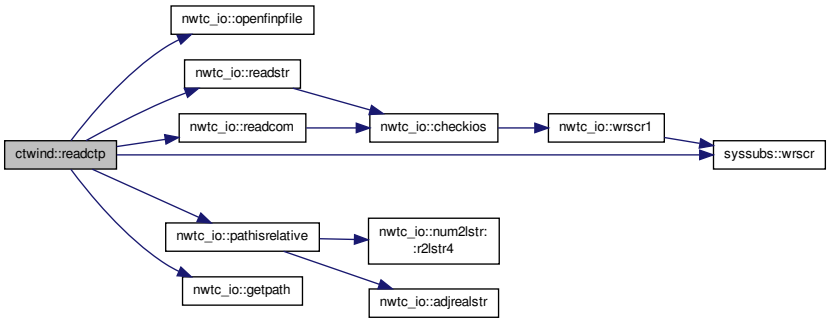
Here is the call graph for this function:



3.6.2.32 subroutine ctwind::readctp (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* type(**ctwindfiles**), intent(out) *CTPscaling,* integer, intent(out) *ErrStat*) [private]

Definition at line 49530 of file tempassembled.f90.

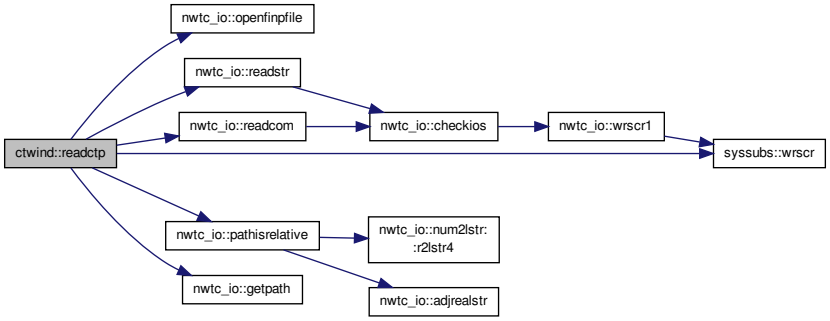
Here is the call graph for this function:



3.6.2.33 subroutine ctwind::readctp (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* type(**ctwindfiles**), intent(out) *CTPscaling,* integer, intent(out) *ErrStat*) [private]

Definition at line 35648 of file tempassembled.f90.

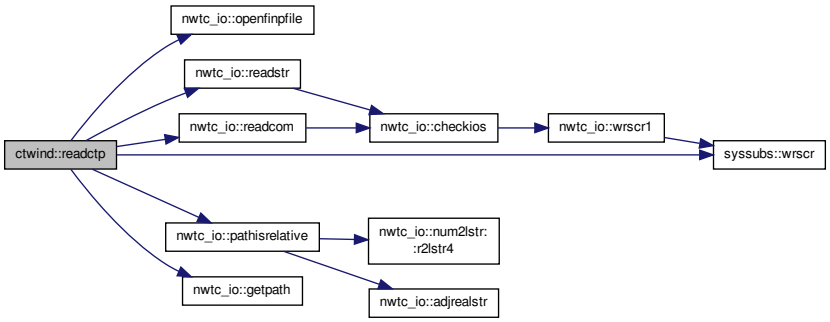
Here is the call graph for this function:



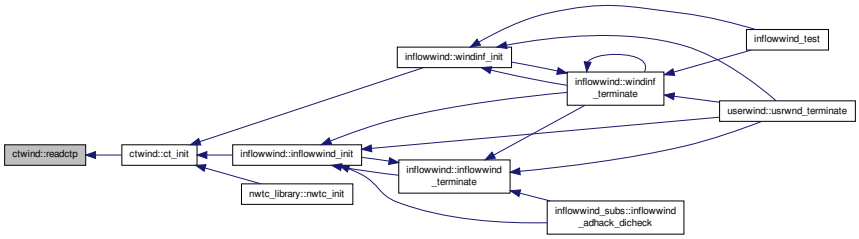
3.6.2.34 subroutine ctwind::readctp (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* type(**ctwindfiles**), intent(out) *CTPscaling,* integer, intent(out) *ErrStat*) [private]

Definition at line 7908 of file tempassembled.f90.

Here is the call graph for this function:



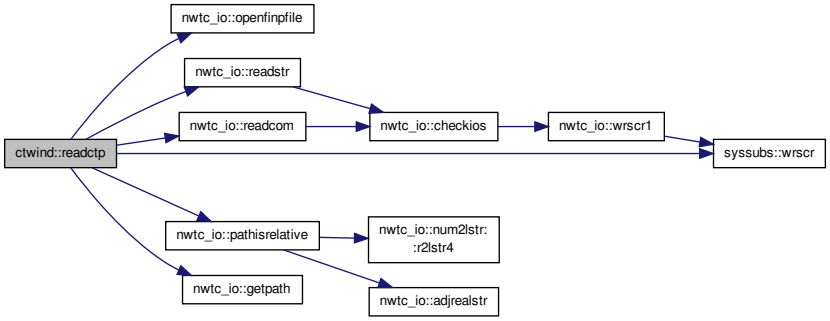
Here is the caller graph for this function:



3.6.2.35 subroutine ctwind::readctp (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* type(**ctwindfiles**), intent(out) *CTPscaling,* integer, intent(out) *ErrStat*) [private]

Definition at line 63437 of file tempassembled.f90.

Here is the call graph for this function:



3.6.2.36 subroutine ctwind::readctscales (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* integer, intent(out) *ErrStat*) [private]

Definition at line 49752 of file tempassembled.f90.

Here is the call graph for this function:

3.6.2.37 subroutine ctwind::readctscales (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* integer, intent(out) *ErrStat*) [private]

Definition at line 35870 of file tempassembled.f90.

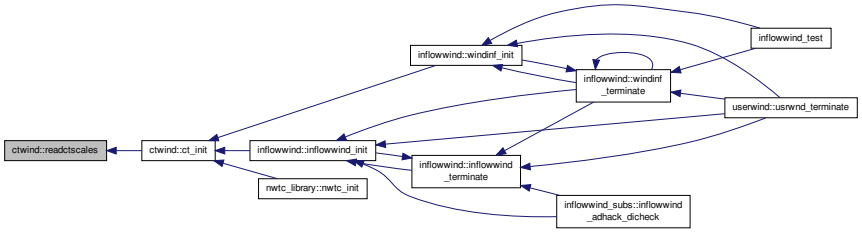
Here is the call graph for this function:

3.6.2.38 subroutine ctwind::readctscales (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* integer, intent(out) *ErrStat*) [private]

Definition at line 8130 of file tempassembled.f90.

Here is the call graph for this function:

Here is the caller graph for this function:



3.6.2.39 subroutine ctwind::readctscales (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* integer, intent(out) *ErrStat*) [private]

Definition at line 63659 of file tempassembled.f90.

Here is the call graph for this function:

3.6.2.40 subroutine ctwind::readctscales (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* integer, intent(out) *ErrStat*) [private]

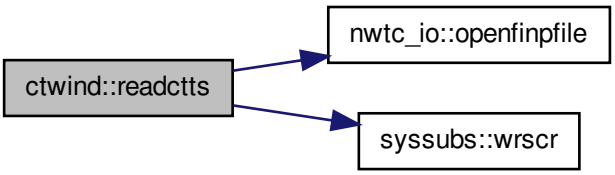
Definition at line 22000 of file tempassembled.f90.

Here is the call graph for this function:

3.6.2.41 subroutine ctwind::readctts (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* character(3), intent(out) *CT_SC_ext,* integer, intent(out) *ErrStat*) [private]

Definition at line 35728 of file tempassembled.f90.

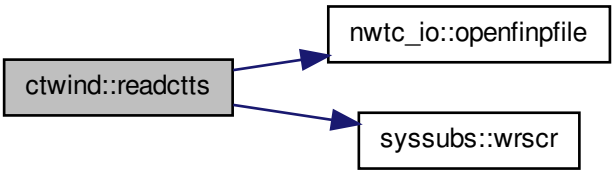
Here is the call graph for this function:



3.6.2.42 subroutine ctwind::readctts (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* character(3), intent(out) *CT_SC_ext,* integer, intent(out) *ErrStat*) [private]

Definition at line 21858 of file tempassembled.f90.

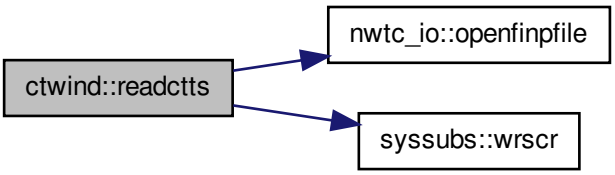
Here is the call graph for this function:



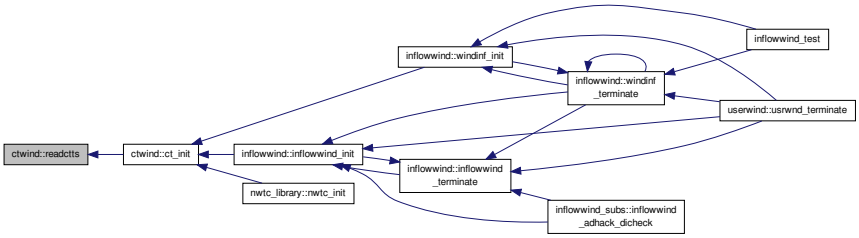
3.6.2.43 subroutine ctwind::readctts (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* character(3), intent(out) *CT_SC_ext,* integer, intent(out) *ErrStat*) [private]

Definition at line 7988 of file tempassembled.f90.

Here is the call graph for this function:



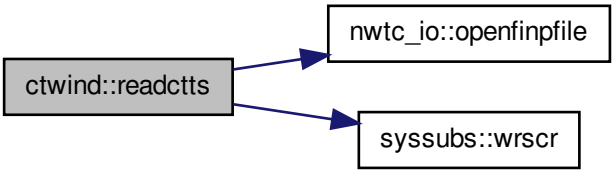
Here is the caller graph for this function:



3.6.2.44 subroutine ctwind::readctts (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* character(3), intent(out) *CT_SC_ext,* integer, intent(out) *ErrStat*) [private]

Definition at line 63517 of file tempassembled.f90.

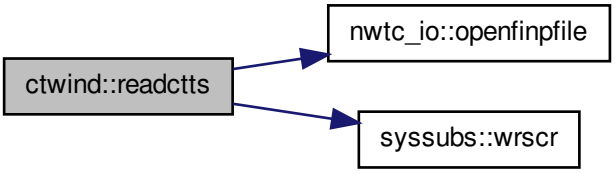
Here is the call graph for this function:



3.6.2.45 subroutine ctwind::readctts (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* character(3), intent(out) *CT_SC_ext,* integer, intent(out) *ErrStat*) [private]

Definition at line 49610 of file tempassembled.f90.

Here is the call graph for this function:



3.6.3 Member Data Documentation

3.6.3.1 integer ctwind::ct_df_y [private]

Definition at line 7261 of file tempassembled.f90.

3.6.3.2 integer ctwind::ct_df_z [private]

Definition at line 7262 of file tempassembled.f90.

3.6.3.3 real(reki) ctwind::ct_zref [private]

Definition at line 7254 of file tempassembled.f90.

3.6.3.4 real(reki) ctwind::ctdistsc [private]

Definition at line 7241 of file tempassembled.f90.

3.6.3.5 character(3) ctwind::ctext [private]

Definition at line 7282 of file tempassembled.f90.

3.6.3.6 real(reki) ctwind::ctly [private]

Definition at line 7249 of file tempassembled.f90.

3.6.3.7 real(reki) ctwind::ctlz [private]

Definition at line 7250 of file tempassembled.f90.

3.6.3.8 real(reki), dimension (numcomps) ctwind::ctoffset [private]

Definition at line 7242 of file tempassembled.f90.

3.6.3.9 real(reki), dimension (numcomps) ctwind::ctscale [private]

Definition at line 7243 of file tempassembled.f90.

3.6.3.10 real(reki) ctwind::ctscalevel [private]

Definition at line 7251 of file tempassembled.f90.

3.6.3.11 character(1024) ctwind::ctspath [private]

Definition at line 7283 of file tempassembled.f90.

3.6.3.12 integer, dimension(2) ctwind::ctvel_files [private]

Definition at line 7263 of file tempassembled.f90.

3.6.3.13 real(reki), dimension (:,:,:), allocatable ctwind::ctvelu [private]

Definition at line 7246 of file tempassembled.f90.

3.6.3.14 real(reki), dimension (:,:,:), allocatable ctwind::ctvelv [private]

Definition at line 7247 of file tempassembled.f90.

3.6.3.15 real(reki), dimension (:,:,:), allocatable ctwind::ctvelw [private]

Definition at line 7248 of file tempassembled.f90.

3.6.3.16 logical ctwind::ctvertshft [private]

Definition at line 7280 of file tempassembled.f90.

3.6.3.17 integer ctwind::ctwindunit [private]

Definition at line 7278 of file tempassembled.f90.

3.6.3.18 real(reki) ctwind::ctyhwid [private]

Definition at line 7255 of file tempassembled.f90.

3.6.3.19 real(reki) ctwind::ctymax [private]

Definition at line 7256 of file tempassembled.f90.

3.6.3.20 real(reki) ctwind::ctyt [private]

Definition at line 7257 of file tempassembled.f90.

3.6.3.21 real(reki) ctwind::ctzmax [private]

Definition at line 7258 of file tempassembled.f90.

3.6.3.22 real(reki) ctwind::delyctgrid [private]

Definition at line 7239 of file tempassembled.f90.

3.6.3.23 real(reki) ctwind::delzctgrid [private]

Definition at line 7240 of file tempassembled.f90.

3.6.3.24 integer ctwind::indct_hi [private]

Definition at line 7265 of file tempassembled.f90.

3.6.3.25 integer ctwind::indct_lo [private]

Definition at line 7266 of file tempassembled.f90.

3.6.3.26 real(reki) ctwind::invmctws [private]

Definition at line 7259 of file tempassembled.f90.

3.6.3.27 integer parameter ctwind::numcomps = 3 [private]

Definition at line 7236 of file tempassembled.f90.

3.6.3.28 integer ctwind::numctt [private]

Definition at line 7268 of file tempassembled.f90.

3.6.3.29 integer ctwind::numcty [private]

Definition at line 7269 of file tempassembled.f90.

3.6.3.30 integer ctwind::numctyd [private]

Definition at line 7270 of file tempassembled.f90.

3.6.3.31 integer ctwind::numctyd1 [private]

Definition at line 7271 of file tempassembled.f90.

3.6.3.32 integer ctwind::numctz [private]

Definition at line 7272 of file tempassembled.f90.

3.6.3.33 integer ctwind::numctzd [private]

Definition at line 7273 of file tempassembled.f90.

3.6.3.34 integer ctwind::numctzd1 [private]

Definition at line 7274 of file tempassembled.f90.

3.6.3.35 real(reki), dimension (:), allocatable ctwind::tdata [private]

Definition at line 7252 of file tempassembled.f90.

3.6.3.36 integer save ctwind::timeindx = 0 [private]

Definition at line 7275 of file tempassembled.f90.

3.6.3.37 integer, dimension (:), allocatable ctwind::timestpct [private]

Definition at line 7276 of file tempassembled.f90.

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

- tempassembled.f90

3.7 ctwind::ctwindfiles Type Reference

Private Attributes

- character(1024) cttsfile
- character(1024) ctbackgr

3.7.1 Detailed Description

Definition at line 7285 of file tempassembled.f90.

3.7.2 Member Data Documentation

3.7.2.1 character(1024) ctwind::ctwindfiles::ctbackgr [private]

Definition at line 7287 of file tempassembled.f90.

3.7.2.2 character(1024) ctwind::ctwindfiles::cttsfile [private]

Definition at line 7286 of file tempassembled.f90.

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

- tempassembled.f90

3.8 nwtc_io::dispnvd Interface Reference

Public Member Functions

- subroutine dispnvd0
- subroutine dispnvd1 (ProgInfo)
- subroutine dispnvd2 (Name, Ver)
- subroutine dispnvd0
- subroutine dispnvd1 (ProgInfo)
- subroutine dispnvd2 (Name, Ver)
- subroutine dispnvd0
- subroutine dispnvd1 (ProgInfo)
- subroutine dispnvd2 (Name, Ver)
- subroutine dispnvd0
- subroutine dispnvd1 (ProgInfo)
- subroutine dispnvd2 (Name, Ver)
- subroutine dispnvd0
- subroutine dispnvd1 (ProgInfo)
- subroutine dispnvd2 (Name, Ver)

3.8.1 Detailed Description

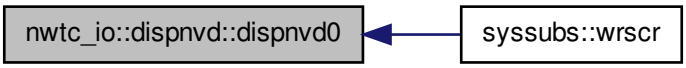
Definition at line 1107 of file tempassembled.f90.

3.8.2 Member Function/Subroutine Documentation

3.8.2.1 subroutine nwtc_io::dispnvd::dispnvd0 ( )

Definition at line 1937 of file tempassembled.f90.

Here is the caller graph for this function:



3.8.2.2 subroutine nwtc_io::dispnvd::dispnvd0 ( )

Definition at line 15807 of file tempassembled.f90.

3.8.2.3 subroutine nwtc_io::dispnvd::dispnvd0 ( )

Definition at line 43547 of file tempassembled.f90.

3.8.2.4 subroutine nwtc_io::dispnvd::dispnvd0 ( )

Definition at line 29677 of file tempassembled.f90.

3.8.2.5 subroutine nwtc_io::dispnvd::dispnvd0 ( )

Definition at line 57448 of file tempassembled.f90.

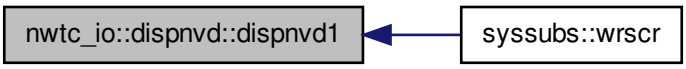
3.8.2.6 subroutine nwtc_io::dispnvd::dispnvd1 (type(progdesc), intent(in) *ProgInfo*)

Definition at line 43561 of file tempassembled.f90.

3.8.2.7 subroutine nwtc_io::dispnvd::dispnvd1 (type(progdesc), intent(in) *ProgInfo*)

Definition at line 1951 of file tempassembled.f90.

Here is the caller graph for this function:



3.8.2.8 subroutine nwtc_io::dispnvd::dispnvd1 (type(progdesc), intent(in) *ProgInfo*)

Definition at line 29691 of file tempassembled.f90.

3.8.2.9 subroutine nwtc_io::dispnvd::dispnvd1 (type(progdesc), intent(in) *ProgInfo*)

Definition at line 15821 of file tempassembled.f90.

3.8.2.10 subroutine nwtc_io::dispnvd::dispnvd1 (type(progdesc), intent(in) *ProgInfo*)

Definition at line 57462 of file tempassembled.f90.

3.8.2.11 subroutine nwtc_io::dispnvd::dispnvd2 (character(∗), intent(in) *Name,* character(∗), intent(in) *Ver*)

Definition at line 15839 of file tempassembled.f90.

3.8.2.12 subroutine nwtc_io::dispnvd::dispnvd2 (character(∗), intent(in) *Name,* character(∗), intent(in) *Ver*)

Definition at line 29709 of file tempassembled.f90.

3.8.2.13 subroutine nwtc_io::dispnvd::dispnvd2 (character(∗), intent(in) *Name,* character(∗), intent(in) *Ver*)

Definition at line 57480 of file tempassembled.f90.

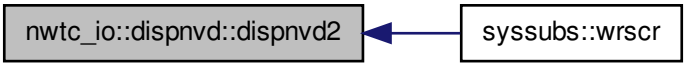
3.8.2.14 subroutine nwtc_io::dispnvd::dispnvd2 (character(∗), intent(in) *Name,* character(∗), intent(in) *Ver*)

Definition at line 43579 of file tempassembled.f90.

3.8.2.15 subroutine nwtc_io::dispnvd::dispnvd2 (character(∗), intent(in) *Name,* character(∗), intent(in) *Ver*)

Definition at line 1969 of file tempassembled.f90.

Here is the caller graph for this function:

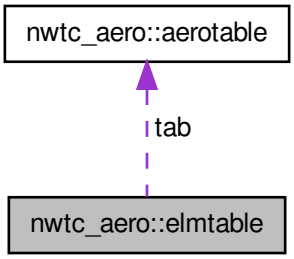


The documentation for this interface was generated from the following file:

- tempassembled.f90

3.9 nwtc_aero::elmtable Type Reference

Collaboration diagram for nwtc_aero::elmtable:



Public Attributes

- integer numtabs
- type(aerotable), dimension(:), allocatable tab

3.9.1 Detailed Description

Definition at line 6020 of file tempassembled.f90.

3.9.2 Member Data Documentation

3.9.2.1 integer nwtc_aero::elmtable::numtabs

Definition at line 6021 of file tempassembled.f90.

3.9.2.2 type(aerotable), dimension (:), allocatable nwtc_aero::elmtable::tab

Definition at line 6022 of file tempassembled.f90.

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

- tempassembled.f90

3.10 nwtc_num::equalrealnos Interface Reference

Public Member Functions

- logical function equalrealnos4 (ReNum1, ReNum2)
- logical function equalrealnos8 (ReNum1, ReNum2)
- logical function equalrealnos16 (ReNum1, ReNum2)
- logical function equalrealnos4 (ReNum1, ReNum2)
- logical function equalrealnos8 (ReNum1, ReNum2)
- logical function equalrealnos16 (ReNum1, ReNum2)
- logical function equalrealnos4 (ReNum1, ReNum2)
- logical function equalrealnos8 (ReNum1, ReNum2)
- logical function equalrealnos16 (ReNum1, ReNum2)
- logical function equalrealnos4 (ReNum1, ReNum2)
- logical function equalrealnos8 (ReNum1, ReNum2)
- logical function equalrealnos16 (ReNum1, ReNum2)
- logical function equalrealnos4 (ReNum1, ReNum2)
- logical function equalrealnos8 (ReNum1, ReNum2)
- logical function equalrealnos16 (ReNum1, ReNum2)

3.10.1 Detailed Description

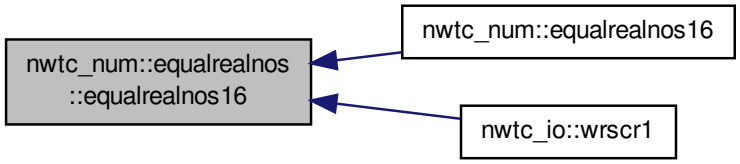
Definition at line 4498 of file tempassembled.f90.

3.10.2 Member Function/Subroutine Documentation

3.10.2.1 logical function nwtc_num::equalrealnos::equalrealnos16 (real(quki), intent(in) *ReNum1,* real(quki), intent(in) *ReNum2*)

Definition at line 4764 of file tempassembled.f90.

Here is the caller graph for this function:



3.10.2.2 logical function nwtc_num::equalrealnos::equalrealnos16 (real(quki), intent(in) *ReNum1,* real(quki), intent(in) *ReNum2*)

Definition at line 32504 of file tempassembled.f90.

3.10.2.3 logical function nwtc_num::equalrealnos::equalrealnos16 (real(quki), intent(in) *ReNum1,* real(quki), intent(in) *ReNum2*)

Definition at line 18634 of file tempassembled.f90.

3.10.2.4 logical function nwtc_num::equalrealnos::equalrealnos16 (real(quki), intent(in) *ReNum1,* real(quki), intent(in) *ReNum2*)

Definition at line 46374 of file tempassembled.f90.

3.10.2.5 logical function nwtc_num::equalrealnos::equalrealnos16 (real(quki), intent(in) *ReNum1,* real(quki), intent(in) *ReNum2*)

Definition at line 60275 of file tempassembled.f90.

3.10.2.6 logical function nwtc_num::equalrealnos::equalrealnos4 (real(siki), intent(in) *ReNum1,* real(siki), intent(in) *ReNum2*)

Definition at line 32430 of file tempassembled.f90.

3.10.2.7 logical function nwtc_num::equalrealnos::equalrealnos4 (real(siki), intent(in) *ReNum1,* real(siki), intent(in) *ReNum2*)

Definition at line 18560 of file tempassembled.f90.

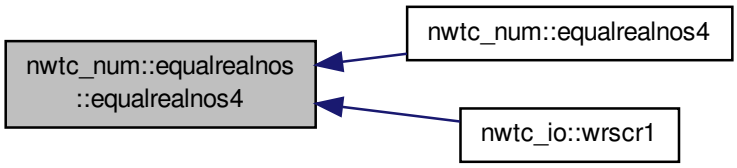
3.10.2.8 logical function nwtc_num::equalrealnos::equalrealnos4 (real(siki), intent(in) *ReNum1,* real(siki), intent(in) *ReNum2*)

Definition at line 46300 of file tempassembled.f90.

3.10.2.9 logical function nwtc_num::equalrealnos::equalrealnos4 (real(siki), intent(in) *ReNum1,* real(siki), intent(in) *ReNum2*)

Definition at line 4690 of file tempassembled.f90.

Here is the caller graph for this function:



3.10.2.10 logical function nwtc_num::equalrealnos::equalrealnos4 (real(siki), intent(in) *ReNum1,* real(siki), intent(in) *ReNum2*)

Definition at line 60201 of file tempassembled.f90.

3.10.2.11 logical function nwtc_num::equalrealnos::equalrealnos8 (real(r8ki), intent(in) *ReNum1,* real(r8ki), intent(in) *ReNum2*)

Definition at line 60238 of file tempassembled.f90.

3.10.2.12 logical function nwtc_num::equalrealnos::equalrealnos8 (real(r8ki), intent(in) *ReNum1,* real(r8ki), intent(in) *ReNum2*)

Definition at line 18597 of file tempassembled.f90.

3.10.2.13 logical function nwtc_num::equalrealnos::equalrealnos8 (real(r8ki), intent(in) *ReNum1,* real(r8ki), intent(in) *ReNum2*)

Definition at line 46337 of file tempassembled.f90.

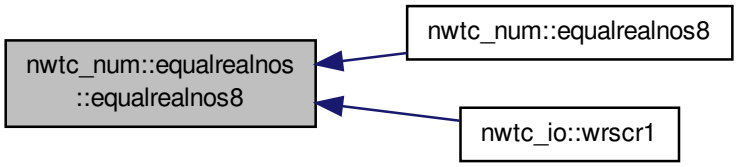
3.10.2.14 logical function nwtc_num::equalrealnos::equalrealnos8 (real(r8ki), intent(in) *ReNum1*, real(r8ki), intent(in) *ReNum2*)

Definition at line 32467 of file tempassembled.f90.

3.10.2.15 logical function nwtc_num::equalrealnos::equalrealnos8 (real(r8ki), intent(in) *ReNum1*, real(r8ki), intent(in) *ReNum2*)

Definition at line 4727 of file tempassembled.f90.

Here is the caller graph for this function:



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

- tempassembled.f90

3.11 nwtc_io::fastdatatype Type Reference

Public Attributes

- character(1024) file
- character(1024) descr
- integer(b4ki) numchans
- integer(b4ki) numrecs
- real(r8ki) timestep
- character(20), dimension(:), allocatable channames
- character(20), dimension(:), allocatable chanunits
- real(reki), dimension(:,:), allocatable data

3.11.1 Detailed Description

Definition at line 1004 of file tempassembled.f90.

3.11.2 Member Data Documentation

3.11.2.1 character(20), dimension(:), allocatable nwtc_io::fastdatatype::channames

Definition at line 1010 of file tempassembled.f90.

3.11.2.2 character(20), dimension(:), allocatable nwtc_io::fastdatatype::chanunits

Definition at line 1011 of file tempassembled.f90.

3.11.2.3 real(reki), dimension(:,:), allocatable nwtc_io::fastdatatype::data

Definition at line 1012 of file tempassembled.f90.

3.11.2.4 character(1024) nwtc_io::fastdatatype::descr

Definition at line 1006 of file tempassembled.f90.

3.11.2.5 character(1024) nwtc_io::fastdatatype::file

Definition at line 1005 of file tempassembled.f90.

3.11.2.6 integer(b4ki) nwtc_io::fastdatatype::numchans

Definition at line 1007 of file tempassembled.f90.

3.11.2.7 integer(b4ki) nwtc_io::fastdatatype::numrecs

Definition at line 1008 of file tempassembled.f90.

3.11.2.8 real(r8ki) nwtc_io::fastdatatype::timestep

Definition at line 1009 of file tempassembled.f90.

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

- tempassembled.f90

3.12 fdwind Module Reference

Public Member Functions

- subroutine, public fd_init (UnWind, WindFile, RefHt, ErrStat)
- real(reki) function, public fd_getvalue (RVarName, ErrStat)
- type(inflintrpout) function, public fd_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public fd_terminate (ErrStat)
- subroutine, public fd_init (UnWind, WindFile, RefHt, ErrStat)
- real(reki) function, public fd_getvalue (RVarName, ErrStat)
- type(inflintrpout) function, public fd_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public fd_terminate (ErrStat)
- subroutine, public fd_init (UnWind, WindFile, RefHt, ErrStat)
- real(reki) function, public fd_getvalue (RVarName, ErrStat)
- type(inflintrpout) function, public fd_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public fd_terminate (ErrStat)
- subroutine, public fd_init (UnWind, WindFile, RefHt, ErrStat)
- real(reki) function, public fd_getvalue (RVarName, ErrStat)
- type(inflintrpout) function, public fd_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public fd_terminate (ErrStat)
- subroutine, public fd_init (UnWind, WindFile, RefHt, ErrStat)
- real(reki) function, public fd_getvalue (RVarName, ErrStat)
- type(inflintrpout) function, public fd_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public fd_terminate (ErrStat)

Private Member Functions

- subroutine readfdp (UnWind, FileName, FDTSfile, ErrStat)
- subroutine read4dtimes (UnWind, FileName, ErrStat)
- subroutine readall4ddata (UnWind, ErrStat)
- subroutine loadlesdata (UnWind, FileNo, Indx, ErrStat)
- subroutine read4ddata (UnWind, FileName, Comp, Indx4, Scale, Offset, ErrStat)
- subroutine load4ddata (InpIndx)
- subroutine readfdp (UnWind, FileName, FDTSfile, ErrStat)
- subroutine read4dtimes (UnWind, FileName, ErrStat)
- subroutine readall4ddata (UnWind, ErrStat)
- subroutine loadlesdata (UnWind, FileNo, Indx, ErrStat)
- subroutine read4ddata (UnWind, FileName, Comp, Indx4, Scale, Offset, ErrStat)
- subroutine load4ddata (InpIndx)
- subroutine readfdp (UnWind, FileName, FDTSfile, ErrStat)
- subroutine read4dtimes (UnWind, FileName, ErrStat)
- subroutine readall4ddata (UnWind, ErrStat)
- subroutine loadlesdata (UnWind, FileNo, Indx, ErrStat)
- subroutine read4ddata (UnWind, FileName, Comp, Indx4, Scale, Offset, ErrStat)
- subroutine load4ddata (InpIndx)
- subroutine readfdp (UnWind, FileName, FDTSfile, ErrStat)
- subroutine read4dtimes (UnWind, FileName, ErrStat)
- subroutine readall4ddata (UnWind, ErrStat)
- subroutine loadlesdata (UnWind, FileNo, Indx, ErrStat)
- subroutine read4ddata (UnWind, FileName, Comp, Indx4, Scale, Offset, ErrStat)
- subroutine load4ddata (InpIndx)
- subroutine readfdp (UnWind, FileName, FDTSfile, ErrStat)
- subroutine read4dtimes (UnWind, FileName, ErrStat)
- subroutine readall4ddata (UnWind, ErrStat)
- subroutine loadlesdata (UnWind, FileNo, Indx, ErrStat)
- subroutine read4ddata (UnWind, FileName, Comp, Indx4, Scale, Offset, ErrStat)
- subroutine load4ddata (InpIndx)

Private Attributes

- real(reki) delxgrid
- real(reki) delygrid
- real(reki) delzgrid
- real(reki) fdper
- real(reki), dimension(2) fdtime
- real(reki), dimension(:,:,:,:), allocatable fdu
- real(reki), dimension(:,:,:,:), allocatable fdv
- real(reki), dimension(:,:,:,:), allocatable fdw
- real(reki), dimension(:,:,:,:), allocatable fdudata
- real(reki), dimension(:,:,:,:), allocatable fdvdata

- real(reki), dimension(:,:,:,:), allocatable fdwdata
- real(reki) lx
- real(reki) ly
- real(reki) lz
- real(reki), dimension(3) offsets
- real(reki), save prevtime
- real(reki) rotdiam
- real(reki), dimension(3) scalfact
- real(reki) scalevel
- real(reki), dimension(:), allocatable times4d
- real(reki) tm_max
- real(reki) tsclfact
- real(reki) t_4d_en
- real(reki) t_4d_st
- real(reki) xmax
- real(reki) xt
- real(reki) ymax
- real(reki) yt
- real(reki) zmax
- real(reki) zt
- real(reki) zref
- integer fd_df_x
- integer fd_df_y
- integer fd_df_z
- integer fdfileno
- integer fdrecl
- integer ind4dadv
- integer ind4dnew
- integer ind4dold
- integer num4dt
- integer, parameter num4dtd = 2
- integer num4dx
- integer num4dxd
- integer num4dxd1
- integer num4dy
- integer num4dyd
- integer num4dyd1
- integer num4dz
- integer num4dzd
- integer num4dzd1
- integer numadvect
- integer shft4dnew
- integer, dimension(:), allocatable times4dix
- integer fdunit
- logical advect
- logical vertshft
- logical, save initialized = .FALSE.
- character(5), dimension(:), allocatable advfiles
- character(1024) fdspath

3.12.1 Detailed Description

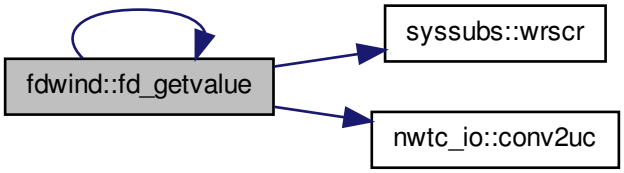
Definition at line 8212 of file tempassembled.f90.

3.12.2 Member Function/Subroutine Documentation

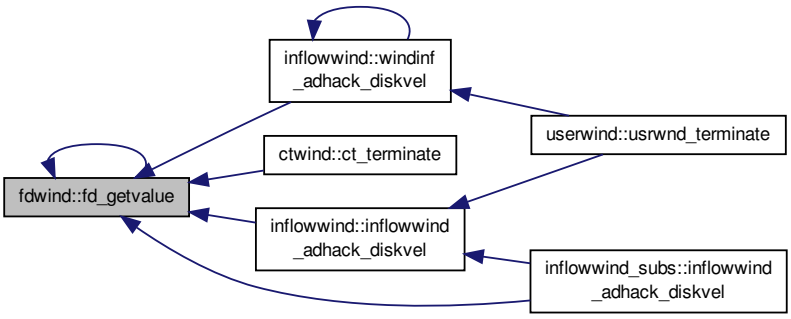
3.12.2.1 real(reki) function, public fdwind::fd_getvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*)

Definition at line 9071 of file tempassembled.f90.

Here is the call graph for this function:



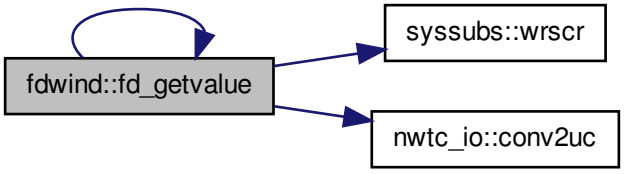
Here is the caller graph for this function:



3.12.2.2 real(reki) function, public fdwind::fd_getvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*)

Definition at line 22941 of file tempassembled.f90.

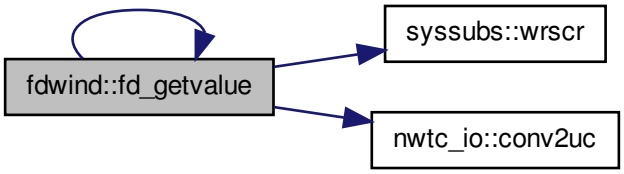
Here is the call graph for this function:



3.12.2.3 real(reki) function, public fdwind::fd_getvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*)

Definition at line 50693 of file tempassembled.f90.

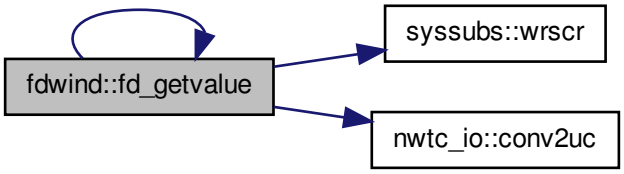
Here is the call graph for this function:



3.12.2.4 real(reki) function, public fdwind::fd_getvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*)

Definition at line 36811 of file tempassembled.f90.

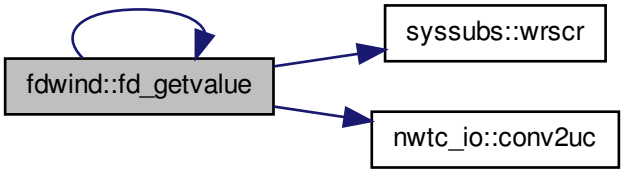
Here is the call graph for this function:



3.12.2.5 real(reki) function, public fdwind::fd_getvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*)

Definition at line 64600 of file tempassembled.f90.

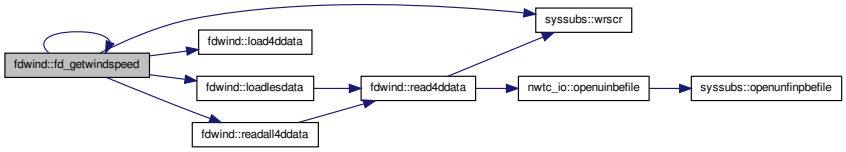
Here is the call graph for this function:



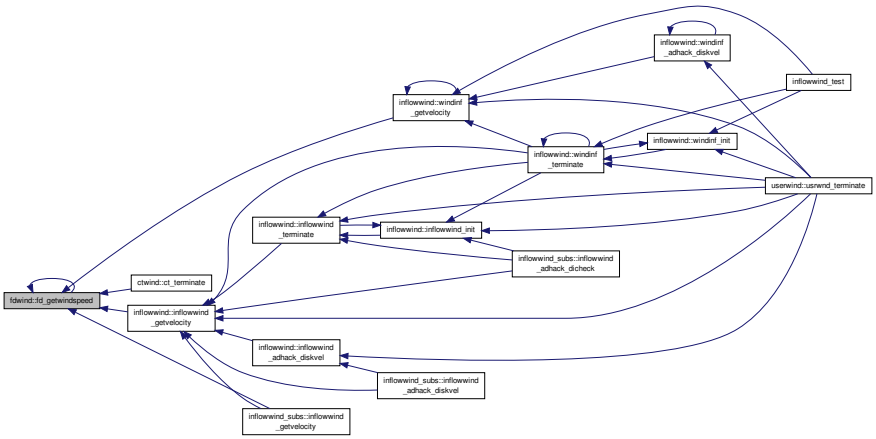
3.12.2.6 type(inflintrpout) function, public fdwind::fd_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 9117 of file tempassembled.f90.

Here is the call graph for this function:



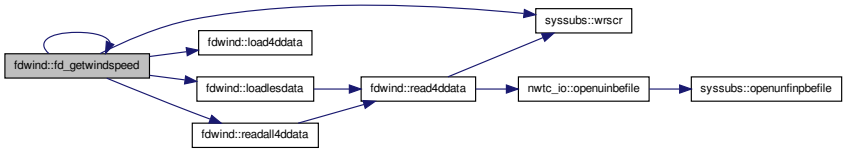
Here is the caller graph for this function:



3.12.2.7 type(inflintrpout) function, public fdwind::fd_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 22987 of file tempassembled.f90.

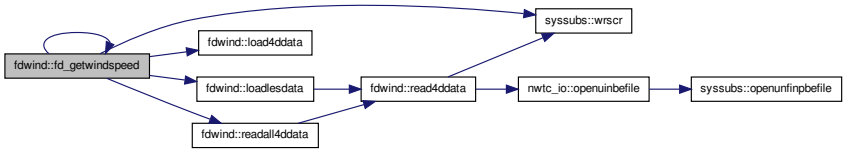
Here is the call graph for this function:



3.12.2.8 type(inflintrpout) function, public fdwind::fd_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 50739 of file tempassembled.f90.

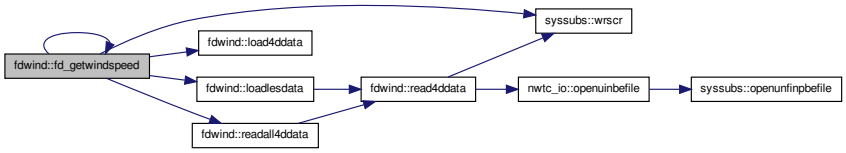
Here is the call graph for this function:



3.12.2.9 type(inflintrpout) function, public fdwind::fd_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 64646 of file tempassembled.f90.

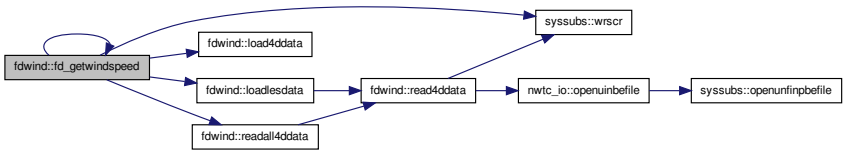
Here is the call graph for this function:



3.12.2.10 type(inflintrpout) function, public fdwind::fd_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 36857 of file tempassembled.f90.

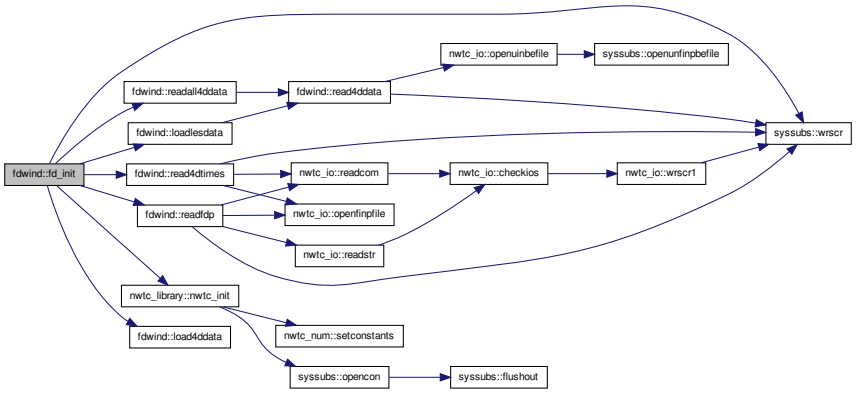
Here is the call graph for this function:



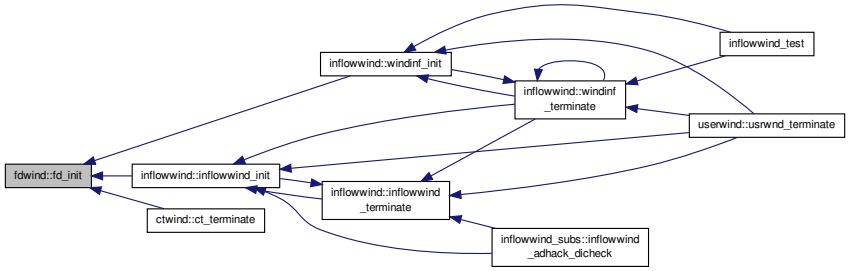
3.12.2.11 subroutine, public fdwind::fd_init (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* real(reki), intent(in) *RefHt,* integer, intent(out) *ErrStat*)

Definition at line 8304 of file tempassembled.f90.

Here is the call graph for this function:



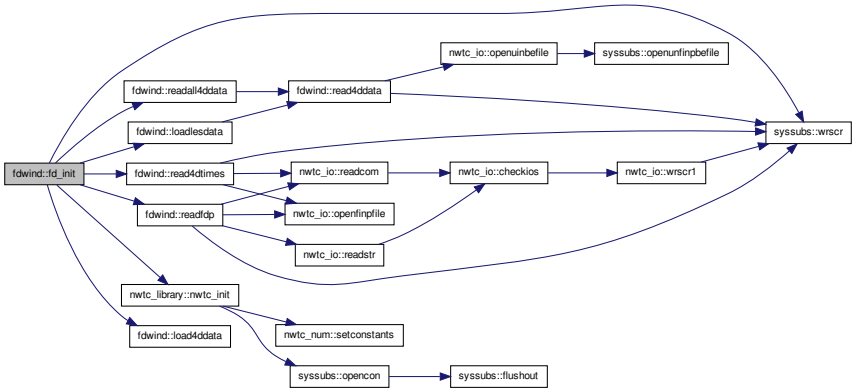
Here is the caller graph for this function:



3.12.2.12 subroutine, public fdwind::fd_init (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* real(reki), intent(in) *RefHt,* integer, intent(out) *ErrStat*)

Definition at line 22174 of file tempassembled.f90.

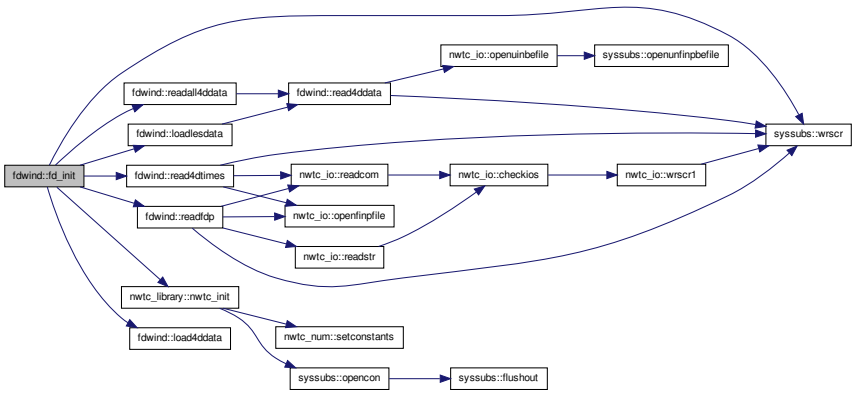
Here is the call graph for this function:



3.12.2.13 subroutine, public fdwind::fd_init (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* real(reki), intent(in) *RefHt,* integer, intent(out) *ErrStat*)

Definition at line 36044 of file tempassembled.f90.

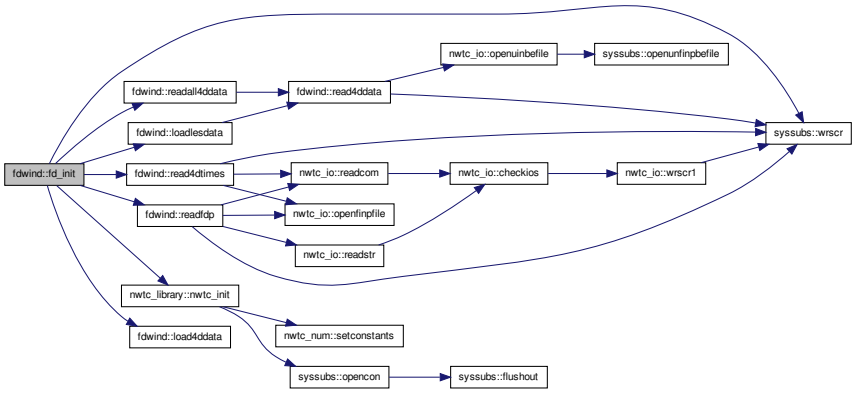
Here is the call graph for this function:



3.12.2.14 subroutine, public fdwind::fd_init (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* real(reki), intent(in) *RefHt,* integer, intent(out) *ErrStat*)

Definition at line 63833 of file tempassembled.f90.

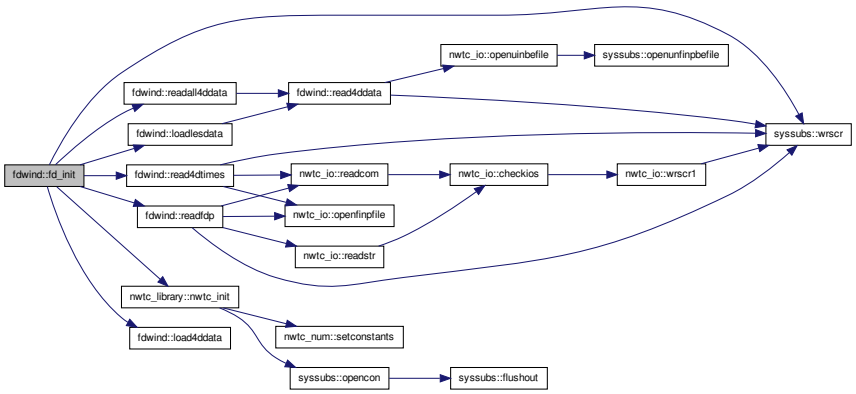
Here is the call graph for this function:



3.12.2.15 subroutine, public fdwind::fd_init (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* real(reki), intent(in) *RefHt,* integer, intent(out) *ErrStat*)

Definition at line 49926 of file tempassembled.f90.

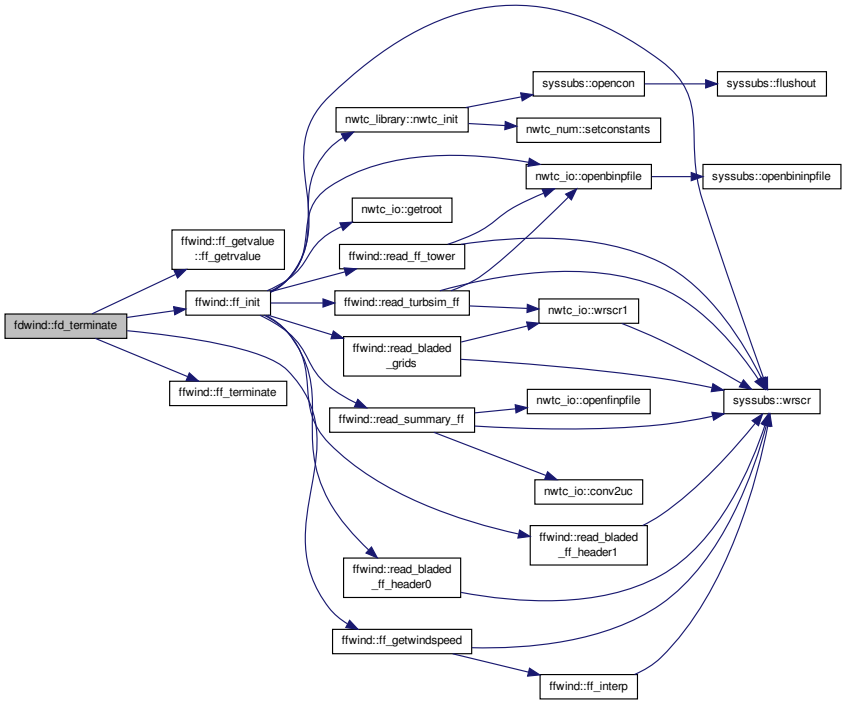
Here is the call graph for this function:



3.12.2.16 subroutine, public fdwind::fd_terminate (integer, intent(out) *ErrStat*)

Definition at line 51071 of file tempassembled.f90.

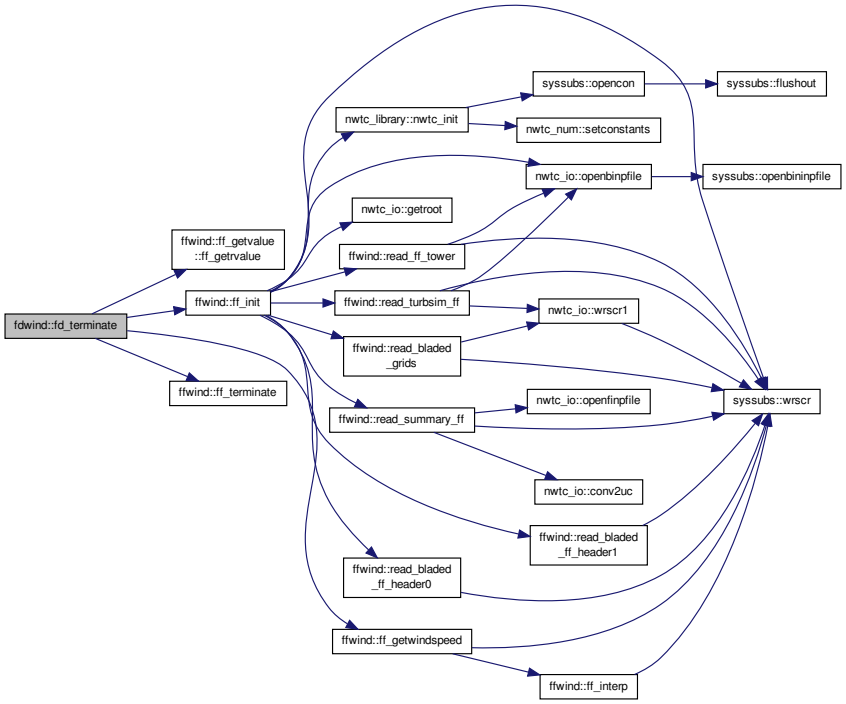
Here is the call graph for this function:



3.12.2.17 subroutine, public fdwind::fd_terminate (integer, intent(out) *ErrStat*)

Definition at line 23319 of file tempassembled.f90.

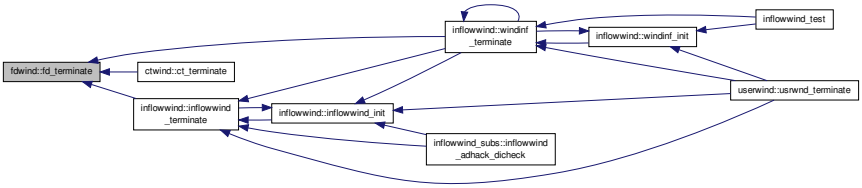
Here is the call graph for this function:



3.12.2.18 subroutine, public fdwind::fd_terminate (integer, intent(out) *ErrStat*)

Definition at line 9449 of file tempassembled.f90.

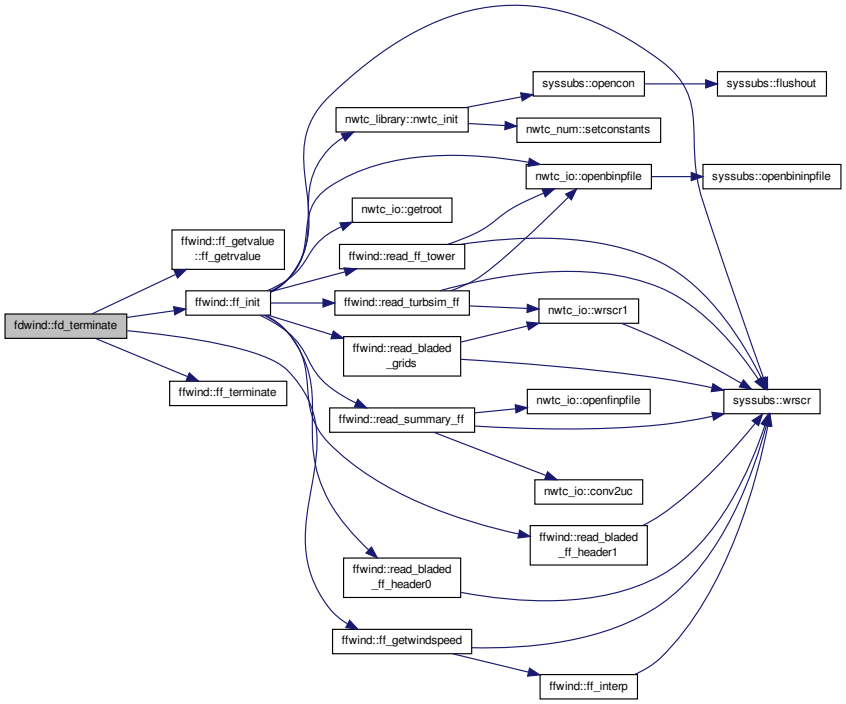
Here is the caller graph for this function:



3.12.2.19 subroutine, public fdwind::fd_terminate (integer, intent(out) *ErrStat*)

Definition at line 64978 of file tempassembled.f90.

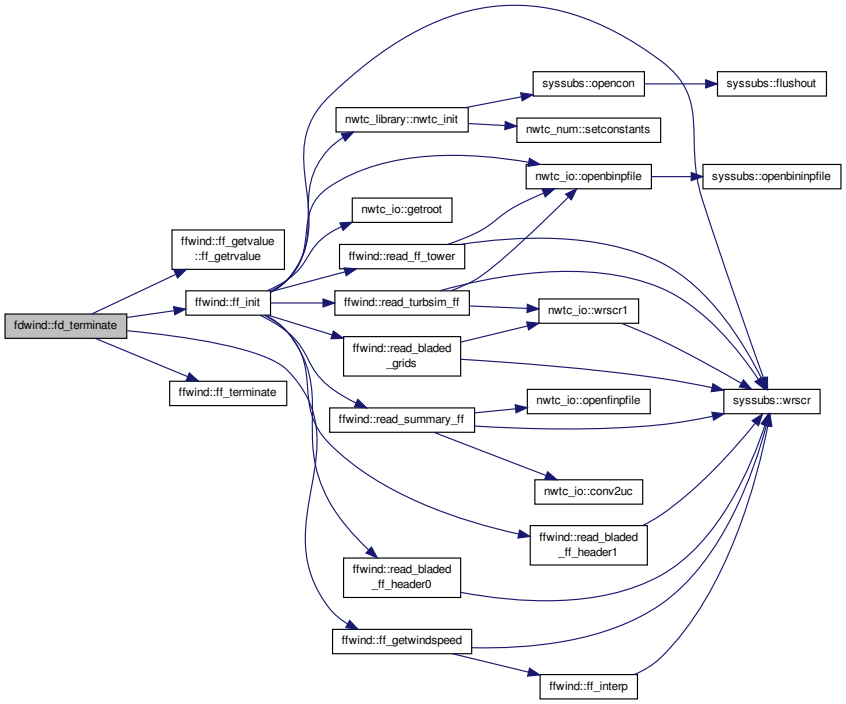
Here is the call graph for this function:



3.12.2.20 subroutine, public fdwind::fd_terminate (integer, intent(out) *ErrStat*)

Definition at line 37189 of file tempassembled.f90.

Here is the call graph for this function:



3.12.2.21 subroutine fdwind::load4ddata (integer, intent(in) *InpIndx*) [private]

Definition at line 22914 of file tempassembled.f90.

3.12.2.22 subroutine fdwind::load4ddata (integer, intent(in) *InpIndx*) [private]

Definition at line 50666 of file tempassembled.f90.

3.12.2.23 subroutine fdwind::load4ddata (integer, intent(in) *InpIndx*) [private]

Definition at line 64573 of file tempassembled.f90.

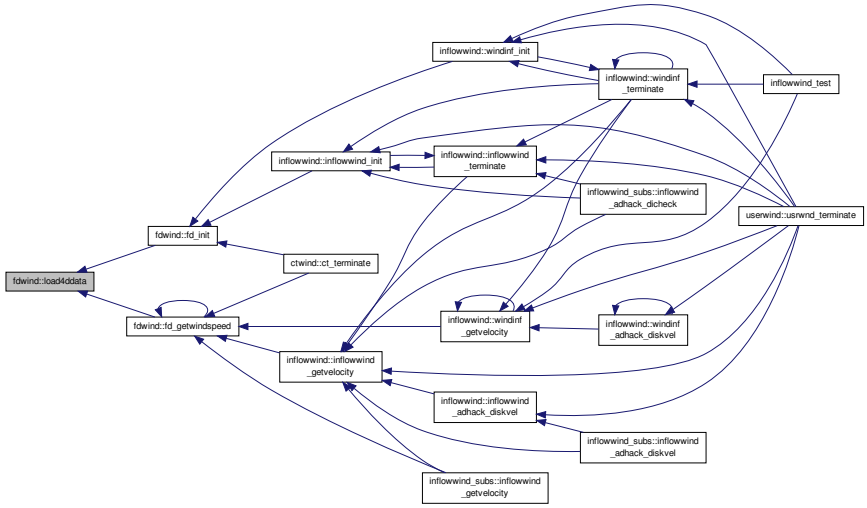
3.12.2.24 subroutine fdwind::load4ddata (integer, intent(in) *InpIndx*) [private]

Definition at line 36784 of file tempassembled.f90.

3.12.2.25 subroutine fdwind::load4ddata (integer, intent(in) *InpIndx*) [private]

Definition at line 9044 of file tempassembled.f90.

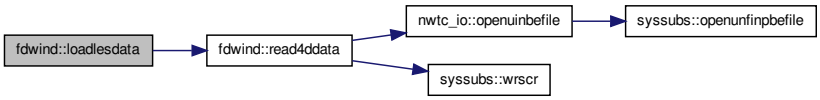
Here is the caller graph for this function:



3.12.2.26 subroutine fdwind::loadlesdata (integer, intent(in) *UnWind,* integer, intent(in) *FileNo,* integer, intent(in) *Indx,* integer, intent(out) *ErrStat*) [private]

Definition at line 50544 of file tempassembled.f90.

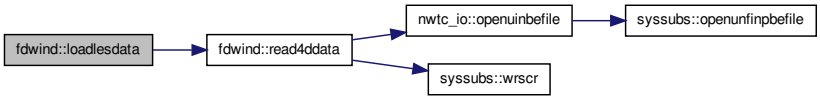
Here is the call graph for this function:



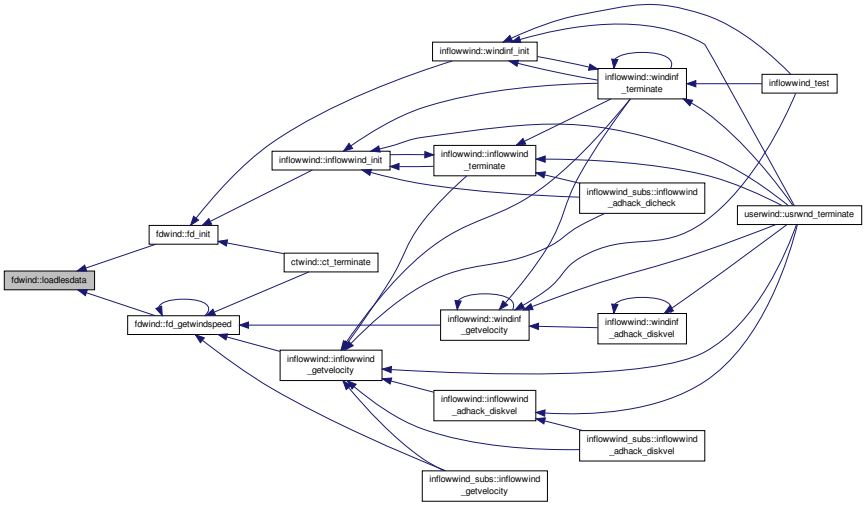
3.12.2.27 subroutine fdwind::loadlesdata (integer, intent(in) *UnWind,* integer, intent(in) *FileNo,* integer, intent(in) *Indx,* integer, intent(out) *ErrStat*) [private]

Definition at line 8922 of file tempassembled.f90.

Here is the call graph for this function:



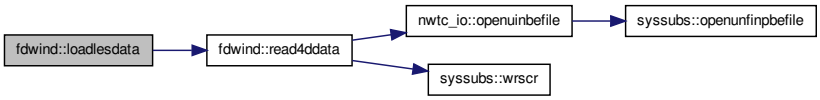
Here is the caller graph for this function:



3.12.2.28 subroutine fdwind::loadlesdata (integer, intent(in) *UnWind,* integer, intent(in) *FileNo,* integer, intent(in) *Indx,* integer, intent(out) *ErrStat*) [private]

Definition at line 64451 of file tempassembled.f90.

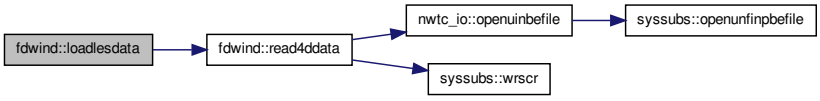
Here is the call graph for this function:



3.12.2.29 subroutine fdwind::loadlesdata (integer, intent(in) *UnWind,* integer, intent(in) *FileNo,* integer, intent(in) *Indx,* integer, intent(out) *ErrStat*) [private]

Definition at line 36662 of file tempassembled.f90.

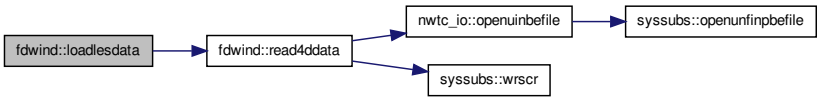
Here is the call graph for this function:



3.12.2.30 subroutine fdwind::loadlesdata (integer, intent(in) *UnWind,* integer, intent(in) *FileNo,* integer, intent(in) *Indx,* integer, intent(out) *ErrStat*) [private]

Definition at line 22792 of file tempassembled.f90.

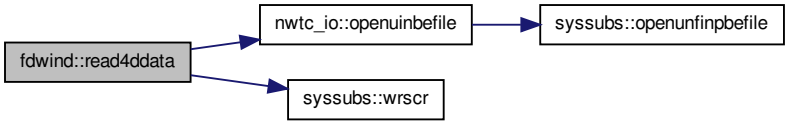
Here is the call graph for this function:



3.12.2.31 subroutine fdwind::read4ddata (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* real(reki), dimension (:,:,:,:), intent(inout) *Comp,* integer, intent(in) *Indx4,* real(reki), intent(in) *Scale,* real(reki), intent(in) *Offset,* integer, intent(out) *ErrStat*) [private]

Definition at line 22829 of file tempassembled.f90.

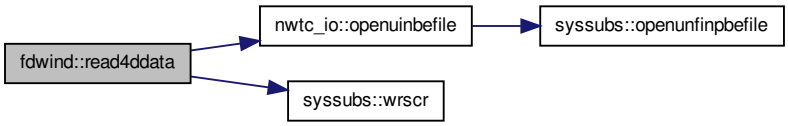
Here is the call graph for this function:



3.12.2.32 subroutine fdwind::read4ddata (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* real(reki), dimension (:,:,:,:), intent(inout) *Comp,* integer, intent(in) *Indx4,* real(reki), intent(in) *Scale,* real(reki), intent(in) *Offset,* integer, intent(out) *ErrStat*) [private]

Definition at line 50581 of file tempassembled.f90.

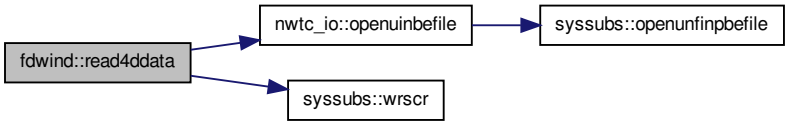
Here is the call graph for this function:



3.12.2.33 subroutine fdwind::read4ddata (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* real(reki), dimension (:,:,:,:), intent(inout) *Comp,* integer, intent(in) *Indx4,* real(reki), intent(in) *Scale,* real(reki), intent(in) *Offset,* integer, intent(out) *ErrStat*) [private]

Definition at line 64488 of file tempassembled.f90.

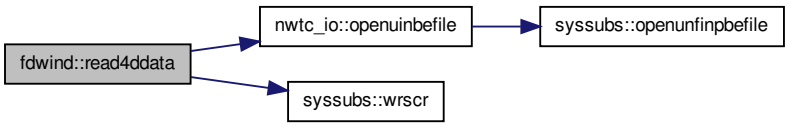
Here is the call graph for this function:



3.12.2.34 subroutine fdwind::read4ddata (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* real(reki), dimension (:,:,:,:), intent(inout) *Comp,* integer, intent(in) *Indx4,* real(reki), intent(in) *Scale,* real(reki), intent(in) *Offset,* integer, intent(out) *ErrStat*) [private]

Definition at line 36699 of file tempassembled.f90.

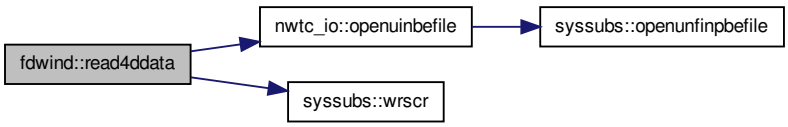
Here is the call graph for this function:



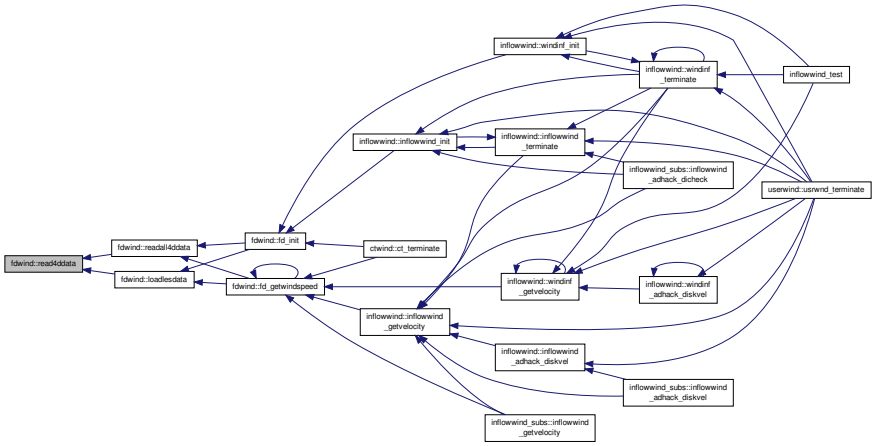
3.12.2.35 subroutine fdwind::read4ddata (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* real(reki), dimension (:,:,:,:), intent(inout) *Comp,* integer, intent(in) *Indx4,* real(reki), intent(in) *Scale,* real(reki), intent(in) *Offset,* integer, intent(out) *ErrStat*) [private]

Definition at line 8959 of file tempassembled.f90.

Here is the call graph for this function:



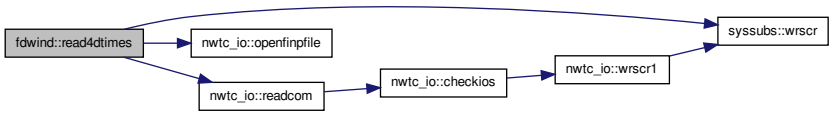
Here is the caller graph for this function:



3.12.2.36 subroutine fdwind::read4dtimes (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* integer, intent(out) *ErrStat*) [private]

Definition at line 22678 of file tempassembled.f90.

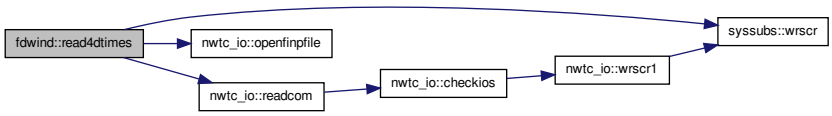
Here is the call graph for this function:



3.12.2.37 subroutine fdwind::read4dtimes (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* integer, intent(out) *ErrStat*) [private]

Definition at line 50430 of file tempassembled.f90.

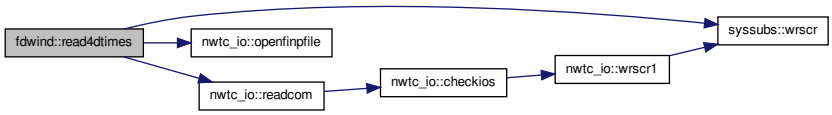
Here is the call graph for this function:



3.12.2.38 subroutine fdwind::read4dtimes (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* integer, intent(out) *ErrStat*) [private]

Definition at line 64337 of file tempassembled.f90.

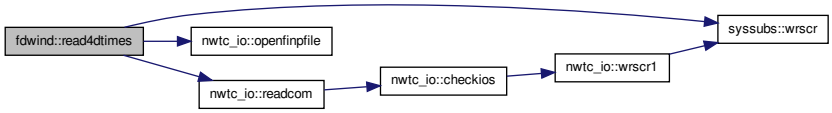
Here is the call graph for this function:



3.12.2.39 subroutine fdwind::read4dtimes (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* integer, intent(out) *ErrStat*) [private]

Definition at line 36548 of file tempassembled.f90.

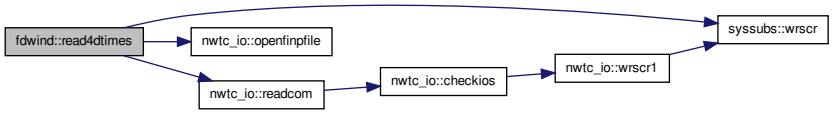
Here is the call graph for this function:



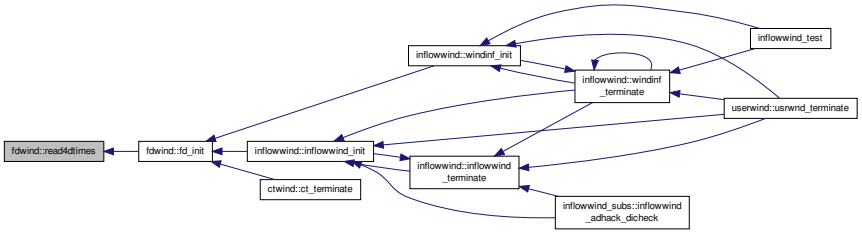
3.12.2.40 subroutine fdwind::read4dtimes (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* integer, intent(out) *ErrStat*) [private]

Definition at line 8808 of file tempassembled.f90.

Here is the call graph for this function:



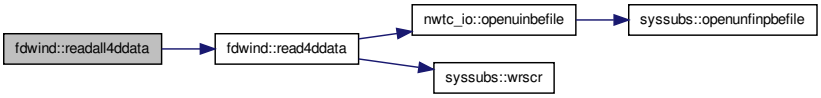
Here is the caller graph for this function:



3.12.2.41 subroutine fdwind::readall4ddata (integer, intent(in) *UnWind,* integer, intent(out) *ErrStat*) [private]

Definition at line 22757 of file tempassembled.f90.

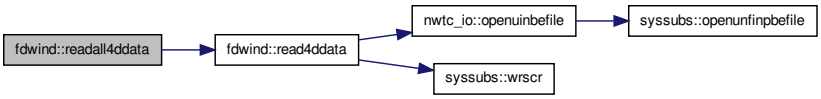
Here is the call graph for this function:



3.12.2.42 subroutine fdwind::readall4ddata (integer, intent(in) *UnWind,* integer, intent(out) *ErrStat*) [private]

Definition at line 36627 of file tempassembled.f90.

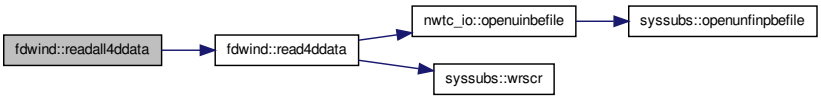
Here is the call graph for this function:



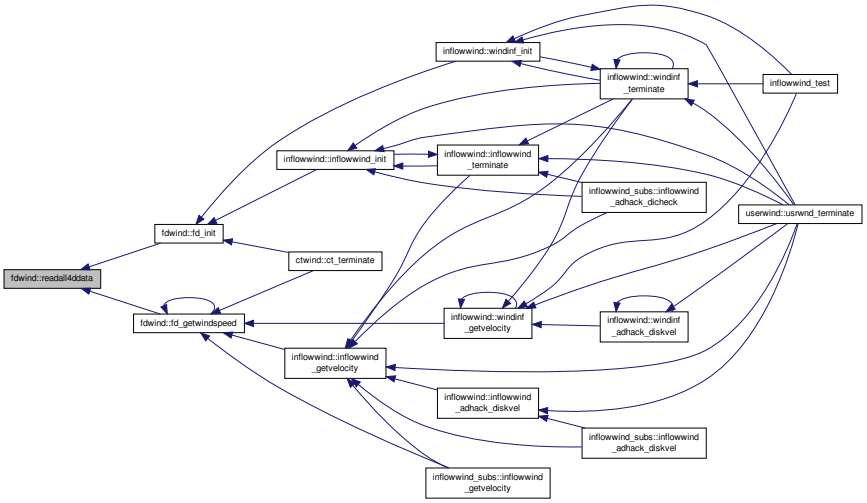
3.12.2.43 subroutine fdwind::readall4ddata (integer, intent(in) *UnWind,* integer, intent(out) *ErrStat*) [private]

Definition at line 8887 of file tempassembled.f90.

Here is the call graph for this function:



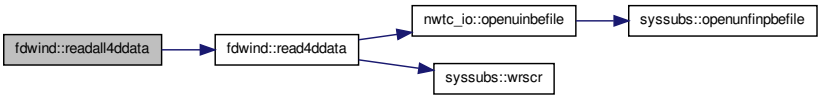
Here is the caller graph for this function:



3.12.2.44 subroutine fdwind::readall4ddata (integer, intent(in) *UnWind,* integer, intent(out) *ErrStat*) [private]

Definition at line 64416 of file tempassembled.f90.

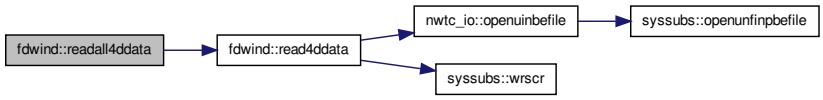
Here is the call graph for this function:



3.12.2.45 subroutine fdwind::readall4ddata (integer, intent(in) *UnWind,* integer, intent(out) *ErrStat*) [private]

Definition at line 50509 of file tempassembled.f90.

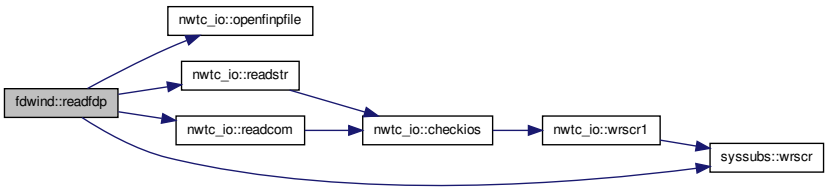
Here is the call graph for this function:



3.12.2.46 subroutine fdwind::readfdp (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* character(∗), intent(out) *FDTSfile,* integer, intent(out) *ErrStat*) [private]

Definition at line 64076 of file tempassembled.f90.

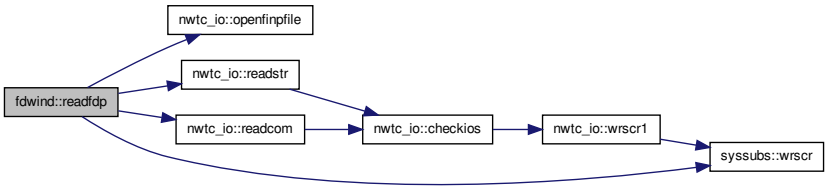
Here is the call graph for this function:



3.12.2.47 subroutine fdwind::readfdp (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* character(∗), intent(out) *FDTSfile,* integer, intent(out) *ErrStat*) [private]

Definition at line 22417 of file tempassembled.f90.

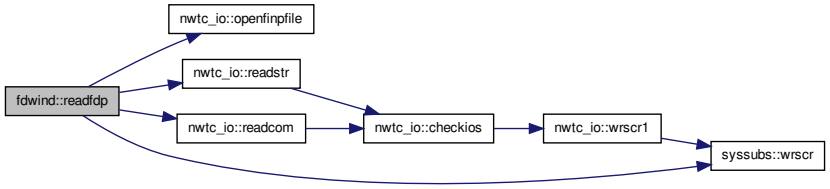
Here is the call graph for this function:



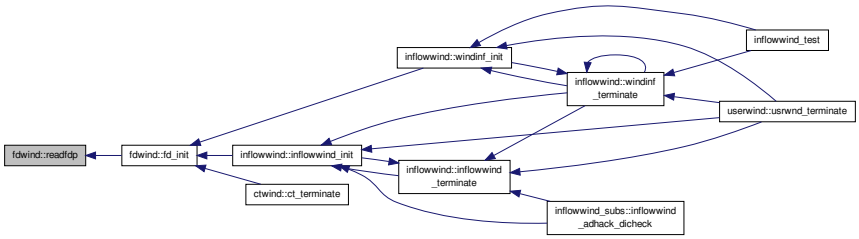
3.12.2.48 subroutine fdwind::readfdp (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* character(∗), intent(out) *FDTSfile,* integer, intent(out) *ErrStat*) [private]

Definition at line 8547 of file tempassembled.f90.

Here is the call graph for this function:



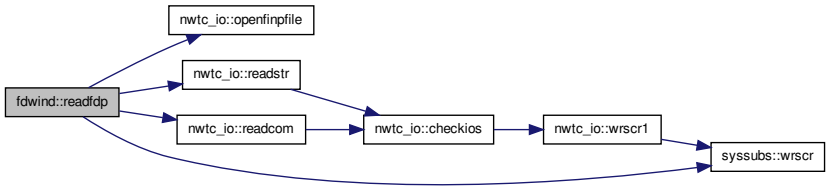
Here is the caller graph for this function:



3.12.2.49 subroutine fdwind::readfdp (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* character(∗), intent(out) *FDTSfile,* integer, intent(out) *ErrStat*) [private]

Definition at line 50169 of file tempassembled.f90.

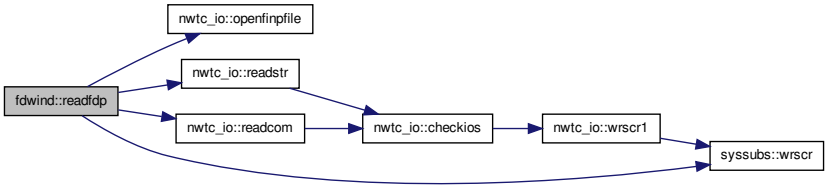
Here is the call graph for this function:



3.12.2.50 subroutine fdwind::readfdp (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* character(∗), intent(out) *FDTSfile,* integer, intent(out) *ErrStat*) [private]

Definition at line 36287 of file tempassembled.f90.

Here is the call graph for this function:



3.12.3 Member Data Documentation

3.12.3.1 logical fdwind::advect [private]

Definition at line 8287 of file tempassembled.f90.

3.12.3.2 character(5), dimension (:), allocatable fdwind::advfiles [private]

Definition at line 8292 of file tempassembled.f90.

3.12.3.3 real(reki) fdwind::delxgrid [private]

Definition at line 8230 of file tempassembled.f90.

3.12.3.4 real(reki) fdwind::delygrid [private]

Definition at line 8231 of file tempassembled.f90.

3.12.3.5 real(reki) fdwind::delzgrid [private]

Definition at line 8232 of file tempassembled.f90.

3.12.3.6 integer fdwind::fd_df_x [private]

Definition at line 8262 of file tempassembled.f90.

3.12.3.7 integer fdwind::fd_df_y [private]

Definition at line 8263 of file tempassembled.f90.

3.12.3.8 integer fdwind::fd_df_z [private]

Definition at line 8264 of file tempassembled.f90.

3.12.3.9 integer fdwind::fdfileno [private]

Definition at line 8265 of file tempassembled.f90.

3.12.3.10 real(reki) fdwind::fdper [private]

Definition at line 8233 of file tempassembled.f90.

3.12.3.11 integer fdwind::fdrecl [private]

Definition at line 8266 of file tempassembled.f90.

3.12.3.12 character(1024) fdwind::fdspath [private]

Definition at line 8293 of file tempassembled.f90.

3.12.3.13 real(reki), dimension (2) fdwind::fdtime [private]

Definition at line 8234 of file tempassembled.f90.

3.12.3.14 real(reki), dimension (:,:,:,:), allocatable fdwind::fdu [private]

Definition at line 8235 of file tempassembled.f90.

3.12.3.15 real(reki), dimension (:,:,:,:), allocatable fdwind::fdudata [private]

Definition at line 8238 of file tempassembled.f90.

3.12.3.16 integer fdwind::fdunit [private]

Definition at line 8285 of file tempassembled.f90.

3.12.3.17 real(reki), dimension (:,:,:,:), allocatable fdwind::fdv [private]

Definition at line 8236 of file tempassembled.f90.

3.12.3.18 real(reki), dimension (:,:,:,:), allocatable fdwind::fdvdata [private]

Definition at line 8239 of file tempassembled.f90.

3.12.3.19 real(reki), dimension (:,:,:,:), allocatable fdwind::fdw [private]

Definition at line 8237 of file tempassembled.f90.

3.12.3.20 real(reki), dimension (:,:,:,:), allocatable fdwind::fdwdata [private]

Definition at line 8240 of file tempassembled.f90.

3.12.3.21 integer fdwind::ind4dadv [private]

Definition at line 8267 of file tempassembled.f90.

3.12.3.22 integer fdwind::ind4dnew [private]

Definition at line 8268 of file tempassembled.f90.

3.12.3.23 integer fdwind::ind4dold [private]

Definition at line 8269 of file tempassembled.f90.

3.12.3.24 logical save fdwind::initialized = .FALSE. [private]

Definition at line 8290 of file tempassembled.f90.

3.12.3.25 real(reki) fdwind::lx [private]

Definition at line 8241 of file tempassembled.f90.

3.12.3.26 real(reki) fdwind::ly [private]

Definition at line 8242 of file tempassembled.f90.

3.12.3.27 real(reki) fdwind::lz [private]

Definition at line 8243 of file tempassembled.f90.

3.12.3.28 integer fdwind::num4dt [private]

Definition at line 8270 of file tempassembled.f90.

3.12.3.29 integer parameter fdwind::num4dtd = 2 [private]

Definition at line 8271 of file tempassembled.f90.

3.12.3.30 integer fdwind::num4dx [private]

Definition at line 8272 of file tempassembled.f90.

3.12.3.31 integer fdwind::num4dxd [private]

Definition at line 8273 of file tempassembled.f90.

3.12.3.32 integer fdwind::num4dxd1 [private]

Definition at line 8274 of file tempassembled.f90.

3.12.3.33 integer fdwind::num4dy [private]

Definition at line 8275 of file tempassembled.f90.

3.12.3.34 integer fdwind::num4dyd [private]

Definition at line 8276 of file tempassembled.f90.

3.12.3.35 integer fdwind::num4dyd1 [private]

Definition at line 8277 of file tempassembled.f90.

3.12.3.36 integer fdwind::num4dz [private]

Definition at line 8278 of file tempassembled.f90.

3.12.3.37 integer fdwind::num4dzd [private]

Definition at line 8279 of file tempassembled.f90.

3.12.3.38 integer fdwind::num4dzd1 [private]

Definition at line 8280 of file tempassembled.f90.

3.12.3.39 integer fdwind::numadvect [private]

Definition at line 8281 of file tempassembled.f90.

3.12.3.40 real(reki), dimension (3) fdwind::offsets [private]

Definition at line 8244 of file tempassembled.f90.

3.12.3.41 real(reki), save fdwind::prevtime [private]

Definition at line 8245 of file tempassembled.f90.

3.12.3.42 real(reki) fdwind::rotdiam [private]

Definition at line 8246 of file tempassembled.f90.

3.12.3.43 real(reki) fdwind::scalevel [private]

Definition at line 8248 of file tempassembled.f90.

3.12.3.44 real(reki), dimension (3) fdwind::scalfact [private]

Definition at line 8247 of file tempassembled.f90.

3.12.3.45 integer fdwind::shft4dnew [private]

Definition at line 8282 of file tempassembled.f90.

3.12.3.46 real(reki) fdwind::t_4d_en [private]

Definition at line 8252 of file tempassembled.f90.

3.12.3.47 real(reki) fdwind::t_4d_st [private]

Definition at line 8253 of file tempassembled.f90.

3.12.3.48 real(reki), dimension (:), allocatable fdwind::times4d [private]

Definition at line 8249 of file tempassembled.f90.

3.12.3.49 integer, dimension (:), allocatable fdwind::times4dix [private]

Definition at line 8283 of file tempassembled.f90.

3.12.3.50 real(reki) fdwind::tm_max [private]

Definition at line 8250 of file tempassembled.f90.

3.12.3.51 real(reki) fdwind::tsclfact [private]

Definition at line 8251 of file tempassembled.f90.

3.12.3.52 logical fdwind::vertshft [private]

Definition at line 8288 of file tempassembled.f90.

3.12.3.53 real(reki) fdwind::xmax [private]

Definition at line 8254 of file tempassembled.f90.

3.12.3.54 real(reki) fdwind::xt [private]

Definition at line 8255 of file tempassembled.f90.

3.12.3.55 real(reki) fdwind::ymax [private]

Definition at line 8256 of file tempassembled.f90.

3.12.3.56 real(reki) fdwind::yt [private]

Definition at line 8257 of file tempassembled.f90.

3.12.3.57 real(reki) fdwind::zmax [private]

Definition at line 8258 of file tempassembled.f90.

3.12.3.58 real(reki) fdwind::zref [private]

Definition at line 8260 of file tempassembled.f90.

3.12.3.59 real(reki) fdwind::zt [private]

Definition at line 8259 of file tempassembled.f90.

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

- tempassembled.f90

3.13 ffwind::ff_getvalue Interface Reference

Private Member Functions

- real(reki) function ff_getrvalue (RVarName, ErrStat)
- real(reki) function ff_getrvalue (RVarName, ErrStat)
- real(reki) function ff_getrvalue (RVarName, ErrStat)
- real(reki) function ff_getrvalue (RVarName, ErrStat)
- real(reki) function ff_getrvalue (RVarName, ErrStat)

3.13.1 Detailed Description

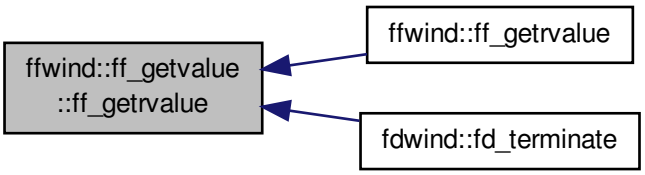
Definition at line 9523 of file tempassembled.f90.

3.13.2 Member Function/Subroutine Documentation

3.13.2.1 real(reki) function ffwind::ff_getvalue::ff_getrvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*) [private]

Definition at line 11078 of file tempassembled.f90.

Here is the caller graph for this function:



3.13.2.2 real(reki) function ffwind::ff_getvalue::ff_getrvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*) [private]

Definition at line 66607 of file tempassembled.f90.

3.13.2.3 real(reki) function ffwind::ff_getvalue::ff_getrvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*) [private]

Definition at line 52700 of file tempassembled.f90.

3.13.2.4 real(reki) function ffwind::ff_getvalue::ff_getrvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*) [private]

Definition at line 38818 of file tempassembled.f90.

3.13.2.5 real(reki) function ffwind::ff_getvalue::ff_getrvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*) [private]

Definition at line 24948 of file tempassembled.f90.

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

- tempassembled.f90

3.14 ffwind Module Reference

Data Types

- interface ff_getvalue

Public Member Functions

- subroutine, public ff_init (UnWind, BinFile, ErrStat)
- type(inflintrpout) function, public ff_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public ff_terminate (ErrStat)
- subroutine, public ff_init (UnWind, BinFile, ErrStat)
- type(inflintrpout) function, public ff_getwindspeed (Time, InputPosition, ErrStat)

- subroutine, public ff_terminate (ErrStat)
- subroutine, public ff_init (UnWind, BinFile, ErrStat)
- type(inflintrpout) function, public ff_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public ff_terminate (ErrStat)
- subroutine, public ff_init (UnWind, BinFile, ErrStat)
- type(inflintrpout) function, public ff_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public ff_terminate (ErrStat)
- subroutine, public ff_init (UnWind, BinFile, ErrStat)
- type(inflintrpout) function, public ff_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public ff_terminate (ErrStat)

Private Member Functions

- subroutine read_bladed_ff_header0 (UnWind, ErrStat)
- subroutine read_bladed_ff_header1 (UnWind, TI, ErrStat)
- subroutine read_bladed_grids (UnWind, CWise, TI, ErrStat)
- subroutine read_summary_ff (UnWind, FileName, CWise, ZCenter, TI, ErrStat)
- subroutine read_turbsim_ff (UnWind, WindFile, ErrStat)
- subroutine read_ff_tower (UnWind, WindFile, ErrStat)
- real(reki) function ff_getrvalue (RVarName, ErrStat)
- real(reki) function, dimension(3) ff_interp (Time, Position, ErrStat)
- subroutine read_bladed_ff_header0 (UnWind, ErrStat)
- subroutine read_bladed_ff_header1 (UnWind, TI, ErrStat)
- subroutine read_bladed_grids (UnWind, CWise, TI, ErrStat)
- subroutine read_summary_ff (UnWind, FileName, CWise, ZCenter, TI, ErrStat)
- subroutine read_turbsim_ff (UnWind, WindFile, ErrStat)
- subroutine read_ff_tower (UnWind, WindFile, ErrStat)
- real(reki) function ff_getrvalue (RVarName, ErrStat)
- real(reki) function, dimension(3) ff_interp (Time, Position, ErrStat)
- subroutine read_bladed_ff_header0 (UnWind, ErrStat)
- subroutine read_bladed_ff_header1 (UnWind, TI, ErrStat)
- subroutine read_bladed_grids (UnWind, CWise, TI, ErrStat)
- subroutine read_summary_ff (UnWind, FileName, CWise, ZCenter, TI, ErrStat)
- subroutine read_turbsim_ff (UnWind, WindFile, ErrStat)
- subroutine read_ff_tower (UnWind, WindFile, ErrStat)
- real(reki) function ff_getrvalue (RVarName, ErrStat)
- real(reki) function, dimension(3) ff_interp (Time, Position, ErrStat)
- subroutine read_bladed_ff_header0 (UnWind, ErrStat)
- subroutine read_bladed_ff_header1 (UnWind, TI, ErrStat)
- subroutine read_bladed_grids (UnWind, CWise, TI, ErrStat)
- subroutine read_summary_ff (UnWind, FileName, CWise, ZCenter, TI, ErrStat)
- subroutine read_turbsim_ff (UnWind, WindFile, ErrStat)
- subroutine read_ff_tower (UnWind, WindFile, ErrStat)
- real(reki) function ff_getrvalue (RVarName, ErrStat)
- real(reki) function, dimension(3) ff_interp (Time, Position, ErrStat)

Private Attributes

- real(reki), dimension(:,:,:,:), allocatable ffdata
- real(reki), dimension(:,:,:), allocatable fftower
- real(reki) ffdtime
- real(reki) ffrate
- real(reki) ffyhwid
- real(reki) ffzhwid
- real(reki) refht
- real(reki) gridbase
- real(reki) initxposition
- real(reki) invffyd
- real(reki) invffzd
- real(reki) invmffws
- real(reki) meanffws
- real(reki) totaltime
- integer nffcomp
- integer nffsteps
- integer nygrids
- integer nzgrids
- integer ntgrids
- logical, save initialized = .FALSE.
- logical periodic = .FALSE.

3.14.1 Detailed Description

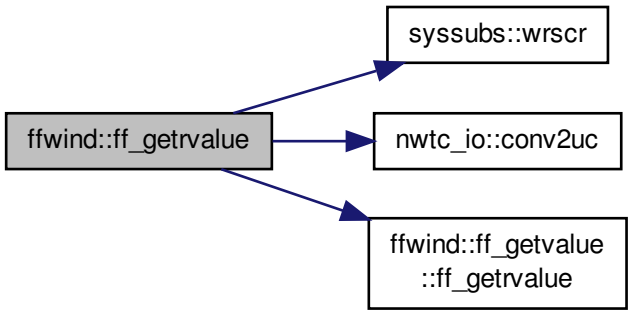
Definition at line 9475 of file tempassembled.f90.

3.14.2 Member Function/Subroutine Documentation

3.14.2.1 real(reki) function ffwind::ff_getrvalue (character(*), intent(in) *RVarName,* integer, intent(out) *ErrStat*) [private]

Definition at line 11078 of file tempassembled.f90.

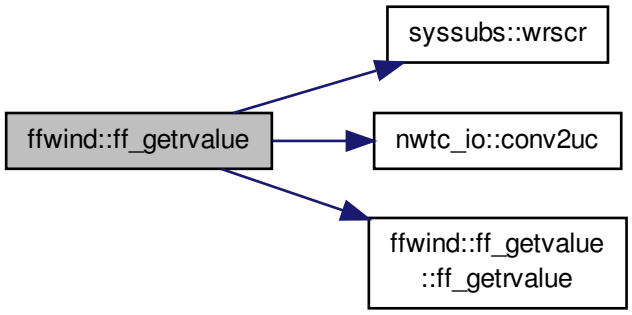
Here is the call graph for this function:



3.14.2.2 real(reki) function ffwind::ff_getrvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*) [private]

Definition at line 24948 of file tempassembled.f90.

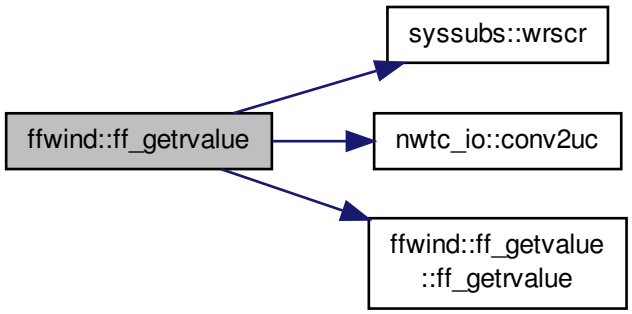
Here is the call graph for this function:



3.14.2.3 real(reki) function ffwind::ff_getrvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*) [private]

Definition at line 52700 of file tempassembled.f90.

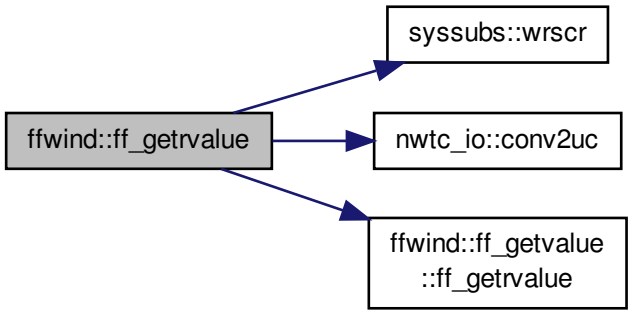
Here is the call graph for this function:



3.14.2.4 real(reki) function ffwind::ff_getrvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*) [private]

Definition at line 38818 of file tempassembled.f90.

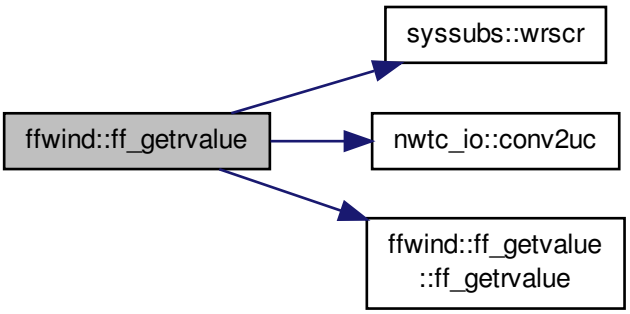
Here is the call graph for this function:



3.14.2.5 real(reki) function ffwind::ff_getrvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*) [private]

Definition at line 66607 of file tempassembled.f90.

Here is the call graph for this function:

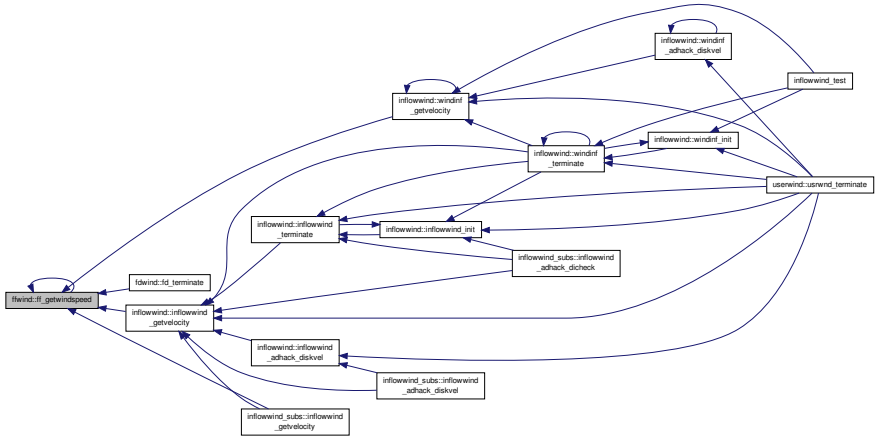


3.14.2.6 type(inflintrpout) function, public ffwind::ff_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 11133 of file tempassembled.f90.

Here is the call graph for this function:

Here is the caller graph for this function:



3.14.2.7 type(inflintrpout) function, public ffwind::ff_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

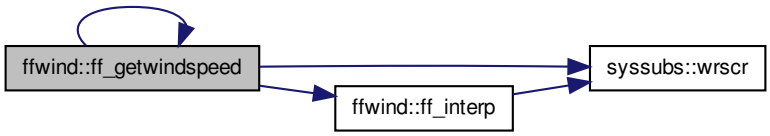
Definition at line 25003 of file tempassembled.f90.

Here is the call graph for this function:

3.14.2.8 type(inflintrpout) function, public ffwind::ff_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 52755 of file tempassembled.f90.

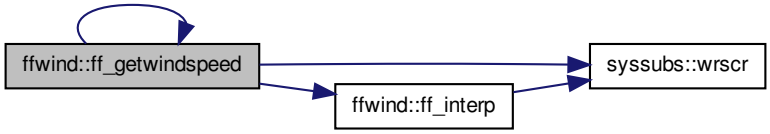
Here is the call graph for this function:



3.14.2.9 type(inflintrpout) function, public ffwind::ff_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 66662 of file tempassembled.f90.

Here is the call graph for this function:



3.14.2.10 type(inflintrpout) function, public ffwind::ff_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

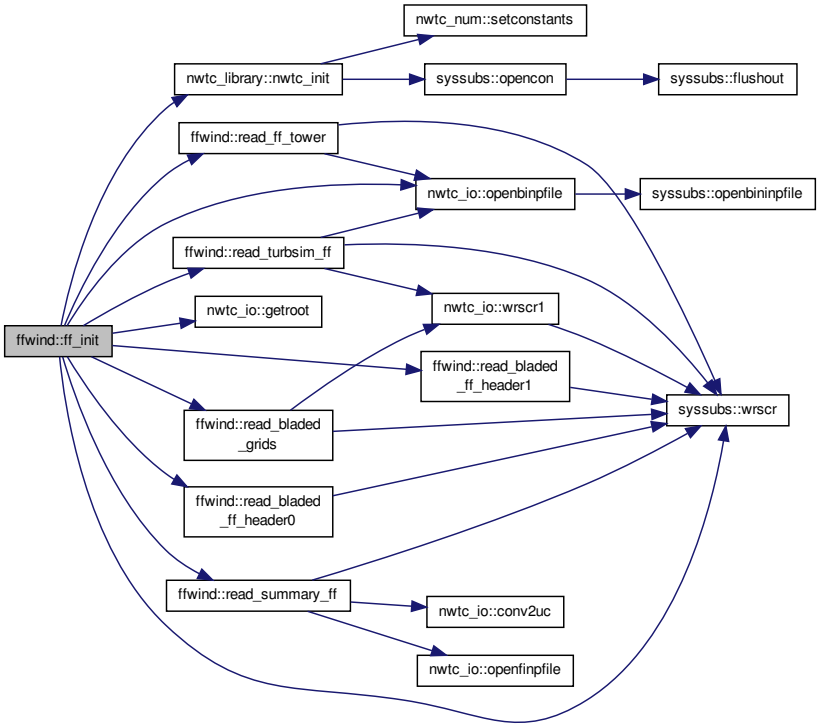
Definition at line 38873 of file tempassembled.f90.

Here is the call graph for this function:

3.14.2.11 subroutine, public ffwind::ff_init (integer, intent(in) *UnWind,* character(∗), intent(in) *BinFile,* integer, intent(out) *ErrStat*)

Definition at line 51157 of file tempassembled.f90.

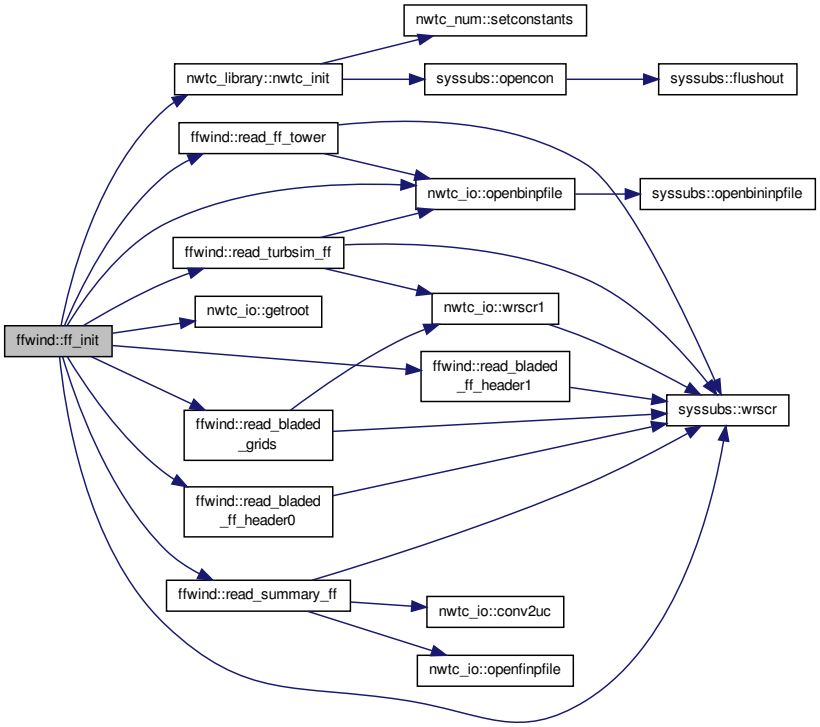
Here is the call graph for this function:



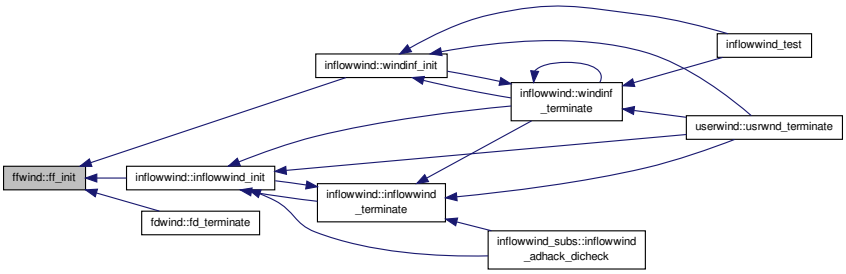
3.14.2.12 subroutine, public ffwind::ff_init (integer, intent(in) *UnWind,* character(∗), intent(in) *BinFile,* integer, intent(out) *ErrStat*)

Definition at line 9535 of file tempassembled.f90.

Here is the call graph for this function:



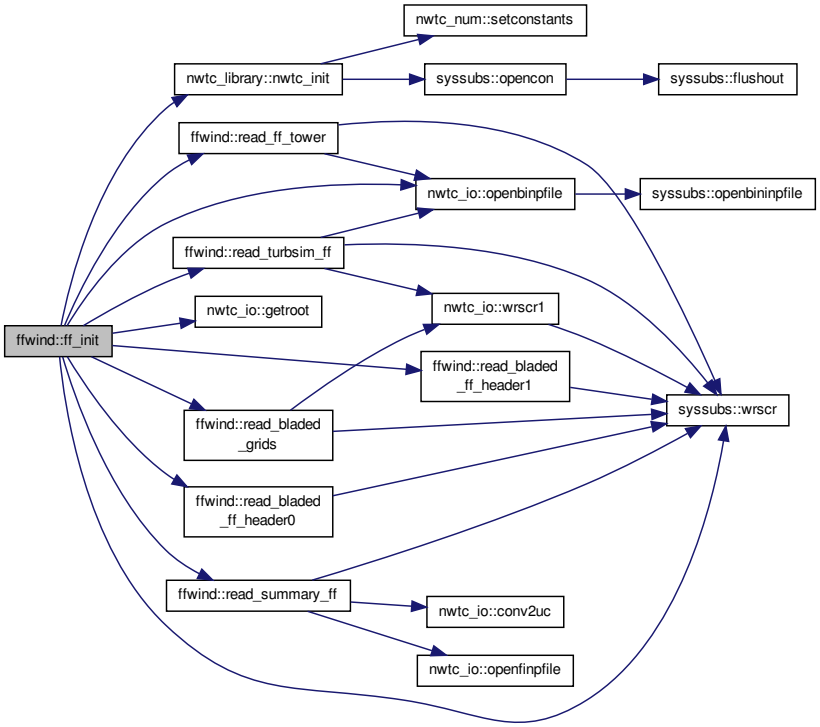
Here is the caller graph for this function:



3.14.2.13 subroutine, public ffwind::ff_init (integer, intent(in) *UnWind,* character(∗), intent(in) *BinFile,* integer, intent(out) *ErrStat*)

Definition at line 37275 of file tempassembled.f90.

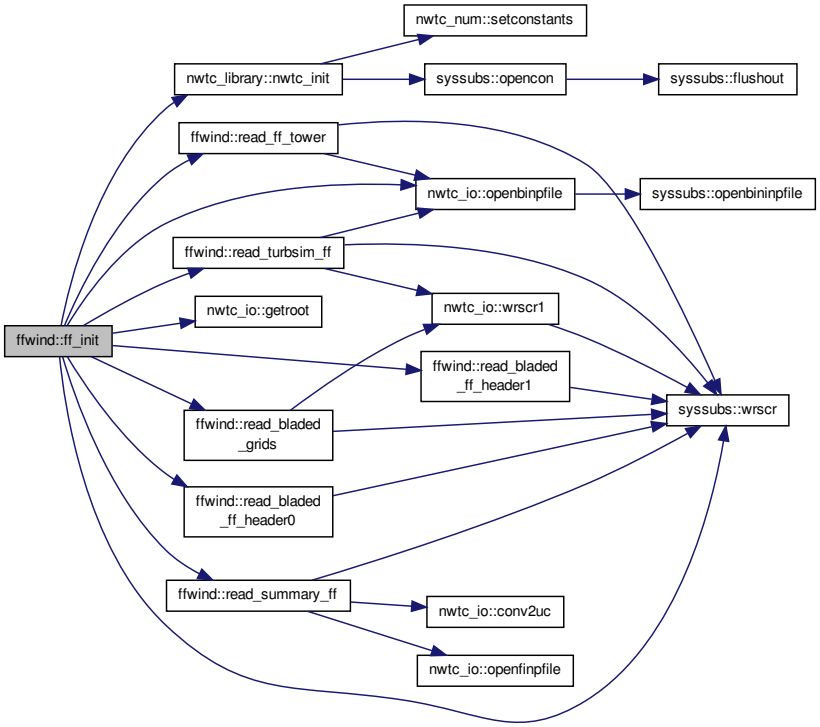
Here is the call graph for this function:



3.14.2.14 subroutine, public ffwind::ff_init (integer, intent(in) *UnWind,* character(∗), intent(in) *BinFile,* integer, intent(out) *ErrStat*)

Definition at line 65064 of file tempassembled.f90.

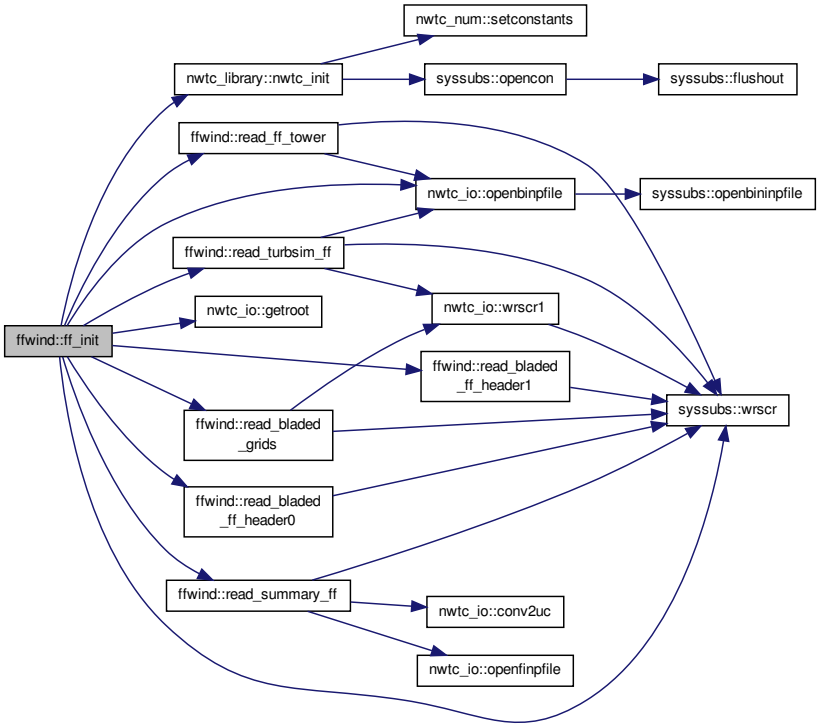
Here is the call graph for this function:



3.14.2.15 subroutine, public ffwind::ff_init (integer, intent(in) *UnWind,* character(∗), intent(in) *BinFile,* integer, intent(out) *ErrStat*)

Definition at line 23405 of file tempassembled.f90.

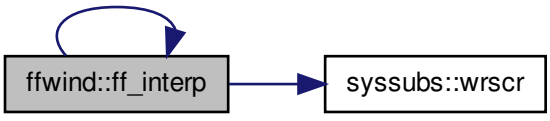
Here is the call graph for this function:



3.14.2.16 real(reki) function, dimension(3) ffwind::ff_interp (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *Position,* integer, intent(out) *ErrStat*) [private]

Definition at line 38935 of file tempassembled.f90.

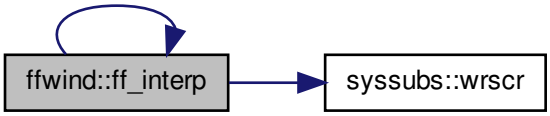
Here is the call graph for this function:



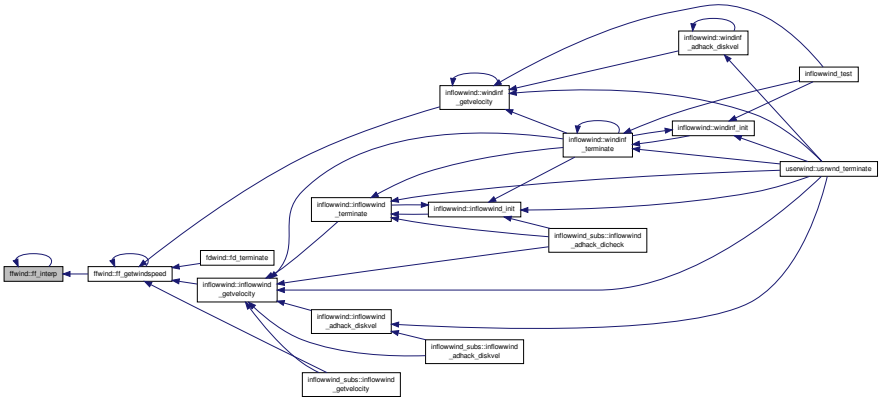
3.14.2.17 real(reki) function, dimension(3) ffwind::ff_interp (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *Position,* integer, intent(out) *ErrStat*) [private]

Definition at line 11195 of file tempassembled.f90.

Here is the call graph for this function:



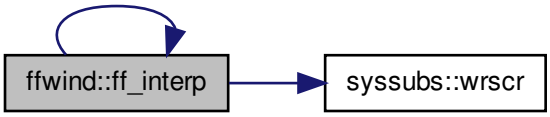
Here is the caller graph for this function:



3.14.2.18 real(reki) function, dimension(3) ffwind::ff_interp (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *Position,* integer, intent(out) *ErrStat*) [private]

Definition at line 25065 of file tempassembled.f90.

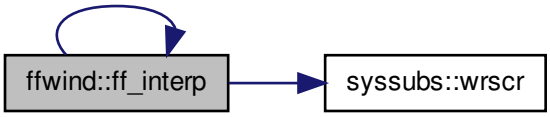
Here is the call graph for this function:



3.14.2.19 real(reki) function, dimension(3) ffwind::ff_interp (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *Position,* integer, intent(out) *ErrStat*) [private]

Definition at line 52817 of file tempassembled.f90.

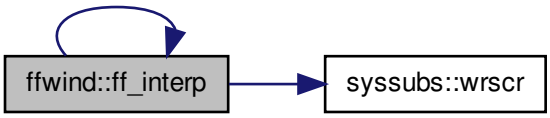
Here is the call graph for this function:



3.14.2.20 real(reki) function, dimension(3) ffwind::ff_interp (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *Position,* integer, intent(out) *ErrStat*) [private]

Definition at line 66724 of file tempassembled.f90.

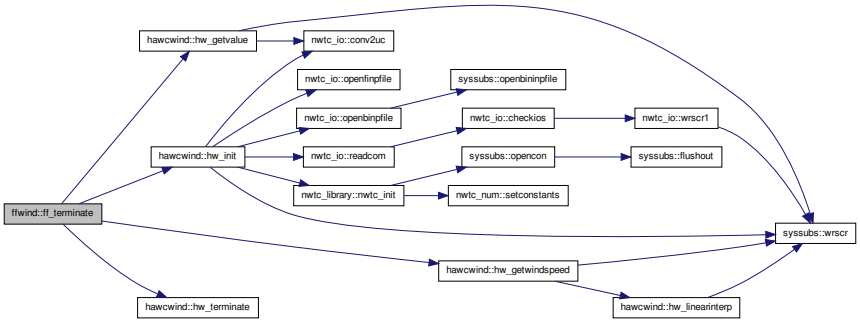
Here is the call graph for this function:



3.14.2.21 subroutine, public ffwind::ff_terminate (integer, intent(out) *ErrStat*)

Definition at line 39236 of file tempassembled.f90.

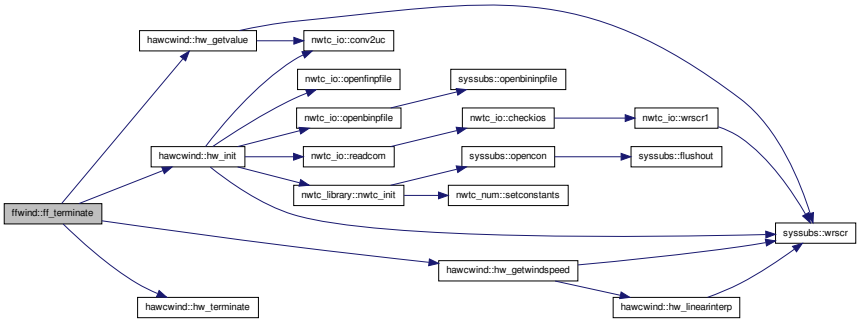
Here is the call graph for this function:



3.14.2.22 subroutine, public ffwind::ff_terminate (integer, intent(out) *ErrStat*)

Definition at line 25366 of file tempassembled.f90.

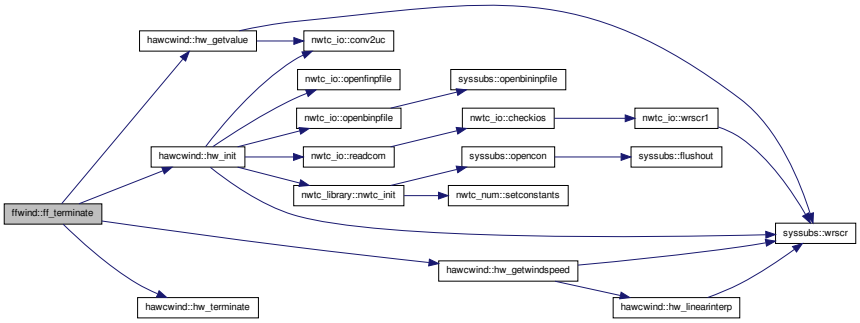
Here is the call graph for this function:



3.14.2.23 subroutine, public ffwind::ff_terminate (integer, intent(out) *ErrStat*)

Definition at line 53118 of file tempassembled.f90.

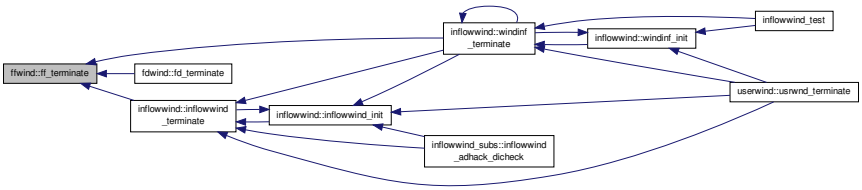
Here is the call graph for this function:



3.14.2.24 subroutine, public ffwind::ff_terminate (integer, intent(out) *ErrStat*)

Definition at line 11496 of file tempassembled.f90.

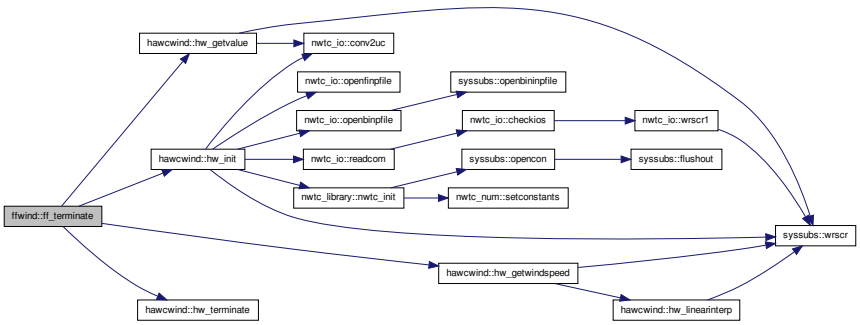
Here is the caller graph for this function:



3.14.2.25 subroutine, public ffwind::ff_terminate (integer, intent(out) *ErrStat*)

Definition at line 67025 of file tempassembled.f90.

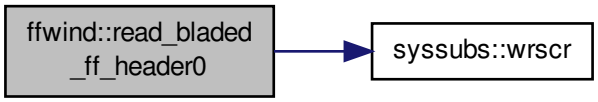
Here is the call graph for this function:



3.14.2.26 subroutine ffwind::read_bladed_ff_header0 (integer, intent(in) *UnWind,* integer, intent(out) *ErrStat*) [private]

Definition at line 65244 of file tempassembled.f90.

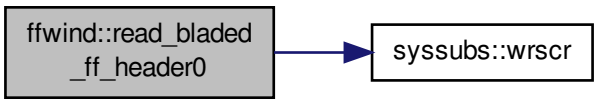
Here is the call graph for this function:



3.14.2.27 subroutine ffwind::read_bladed_ff_header0 (integer, intent(in) *UnWind,* integer, intent(out) *ErrStat*) [private]

Definition at line 51337 of file tempassembled.f90.

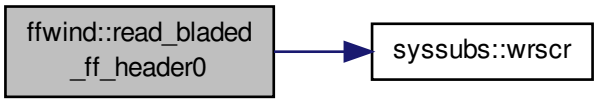
Here is the call graph for this function:



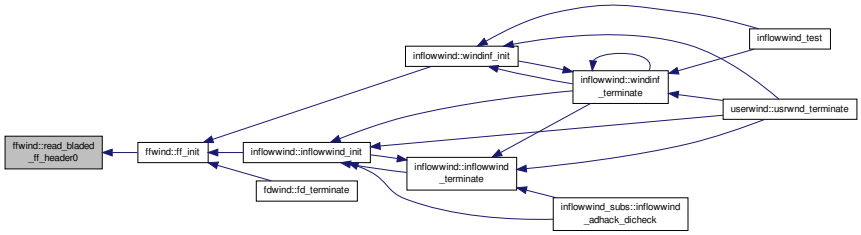
3.14.2.28 subroutine ffwind::read_bladed_ff_header0 (integer, intent(in) *UnWind,* integer, intent(out) *ErrStat*) [private]

Definition at line 9715 of file tempassembled.f90.

Here is the call graph for this function:



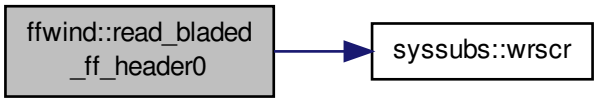
Here is the caller graph for this function:



3.14.2.29 subroutine ffwind::read_bladed_ff_header0 (integer, intent(in) *UnWind,* integer, intent(out) *ErrStat*) [private]

Definition at line 37455 of file tempassembled.f90.

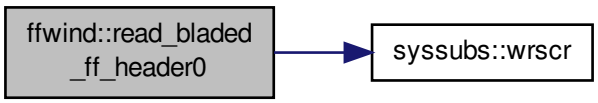
Here is the call graph for this function:



3.14.2.30 subroutine ffwind::read_bladed_ff_header0 (integer, intent(in) *UnWind,* integer, intent(out) *ErrStat*) [private]

Definition at line 23585 of file tempassembled.f90.

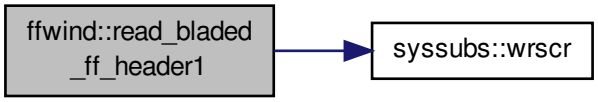
Here is the call graph for this function:



3.14.2.31 subroutine ffwind::read_bladed_ff_header1 (integer, intent(in) *UnWind,* real(reki), dimension(3), intent(out) *TI,* integer, intent(out) *ErrStat*) [private]

Definition at line 51477 of file tempassembled.f90.

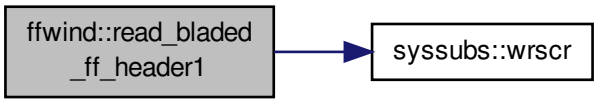
Here is the call graph for this function:



3.14.2.32 subroutine ffwind::read_bladed_ff_header1 (integer, intent(in) *UnWind,* real(reki), dimension(3), intent(out) *TI,* integer, intent(out) *ErrStat*) [private]

Definition at line 37595 of file tempassembled.f90.

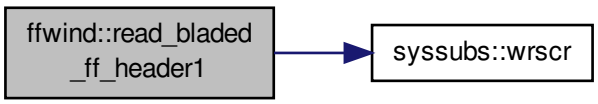
Here is the call graph for this function:



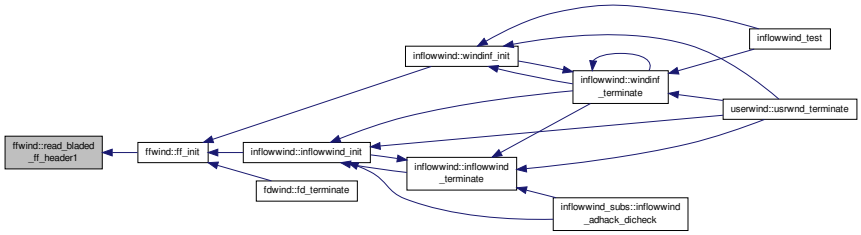
3.14.2.33 subroutine ffwind::read_bladed_ff_header1 (integer, intent(in) *UnWind,* real(reki), dimension(3), intent(out) *TI,* integer, intent(out) *ErrStat*) [private]

Definition at line 9855 of file tempassembled.f90.

Here is the call graph for this function:



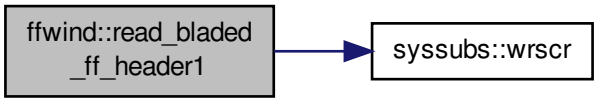
Here is the caller graph for this function:



3.14.2.34 subroutine ffwind::read_bladed_ff_header1 (integer, intent(in) *UnWind,* real(reki), dimension(3), intent(out) *TI,* integer, intent(out) *ErrStat*) [private]

Definition at line 65384 of file tempassembled.f90.

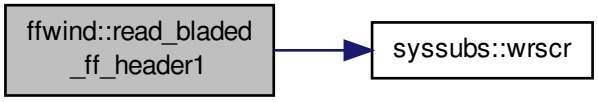
Here is the call graph for this function:



3.14.2.35 subroutine ffwind::read_bladed_ff_header1 (integer, intent(in) *UnWind,* real(reki), dimension(3), intent(out) *TI,* integer, intent(out) *ErrStat*) [private]

Definition at line 23725 of file tempassembled.f90.

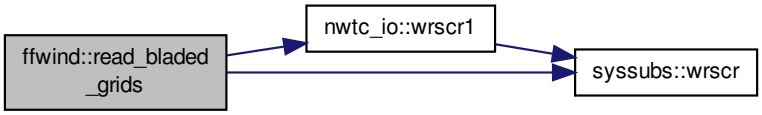
Here is the call graph for this function:



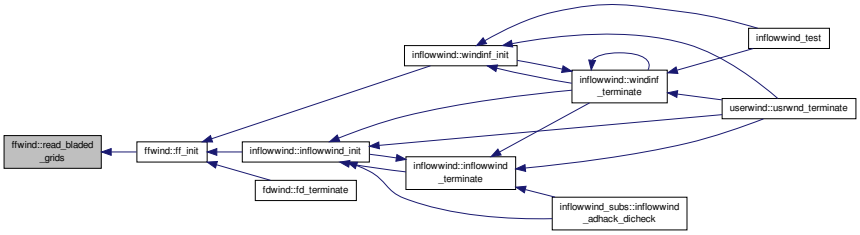
3.14.2.36 subroutine ffwind::read_bladed_grids (integer, intent(in) *UnWind,* logical, intent(in) *CWise,* real(reki), dimension (3), intent(in) *TI,* integer, intent(out) *ErrStat*) [private]

Definition at line 10195 of file tempassembled.f90.

Here is the call graph for this function:



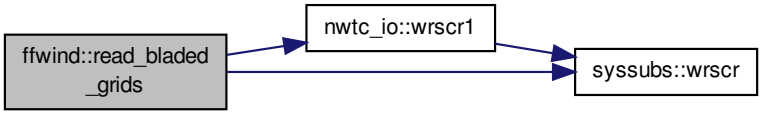
Here is the caller graph for this function:



3.14.2.37 subroutine ffwind::read_bladed_grids (integer, intent(in) *UnWind,* logical, intent(in) *CWise,* real(reki), dimension (3), intent(in) *TI,* integer, intent(out) *ErrStat*) [private]

Definition at line 24065 of file tempassembled.f90.

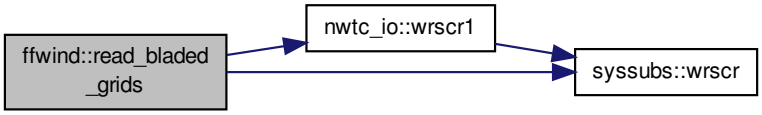
Here is the call graph for this function:



3.14.2.38 subroutine ffwind::read_bladed_grids (integer, intent(in) *UnWind,* logical, intent(in) *CWise,* real(reki), dimension (3), intent(in) *TI,* integer, intent(out) *ErrStat*) [private]

Definition at line 51817 of file tempassembled.f90.

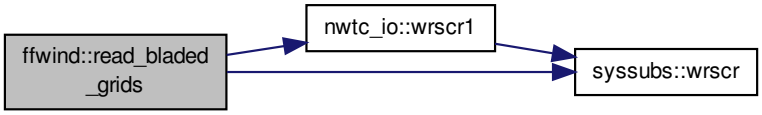
Here is the call graph for this function:



3.14.2.39 subroutine ffwind::read_bladed_grids (integer, intent(in) *UnWind,* logical, intent(in) *CWise,* real(reki), dimension (3), intent(in) *Tl,* integer, intent(out) *ErrStat*) [private]

Definition at line 65724 of file tempassembled.f90.

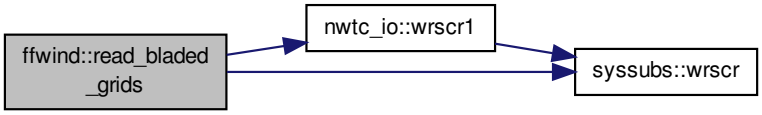
Here is the call graph for this function:



3.14.2.40 subroutine ffwind::read_bladed_grids (integer, intent(in) *UnWind,* logical, intent(in) *CWise,* real(reki), dimension (3), intent(in) *Tl,* integer, intent(out) *ErrStat*) [private]

Definition at line 37935 of file tempassembled.f90.

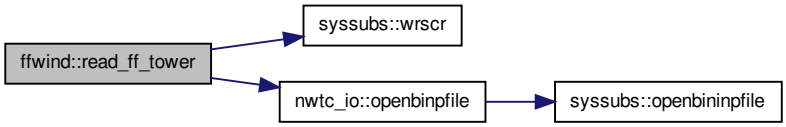
Here is the call graph for this function:



3.14.2.41 subroutine ffwind::read_ff_tower (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* integer, intent(out) *ErrStat*) [private]

Definition at line 38613 of file tempassembled.f90.

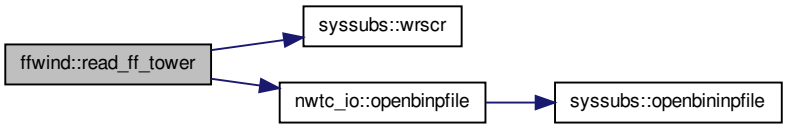
Here is the call graph for this function:



3.14.2.42 subroutine ffwind::read_ff_tower (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* integer, intent(out) *ErrStat*) [private]

Definition at line 66402 of file tempassembled.f90.

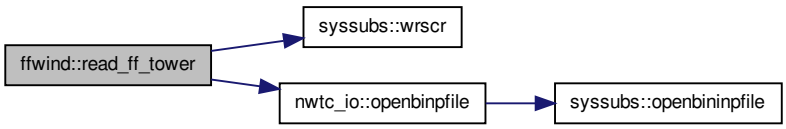
Here is the call graph for this function:



3.14.2.43 subroutine ffwind::read_ff_tower (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* integer, intent(out) *ErrStat*) [private]

Definition at line 52495 of file tempassembled.f90.

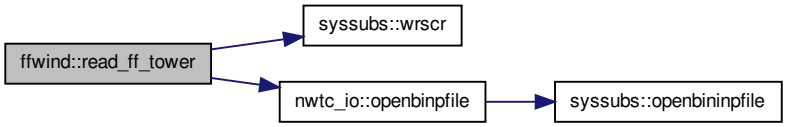
Here is the call graph for this function:



3.14.2.44 subroutine ffwind::read_ff_tower (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* integer, intent(out) *ErrStat*) [private]

Definition at line 24743 of file tempassembled.f90.

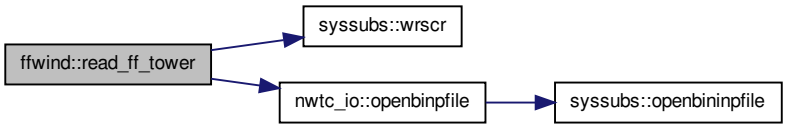
Here is the call graph for this function:



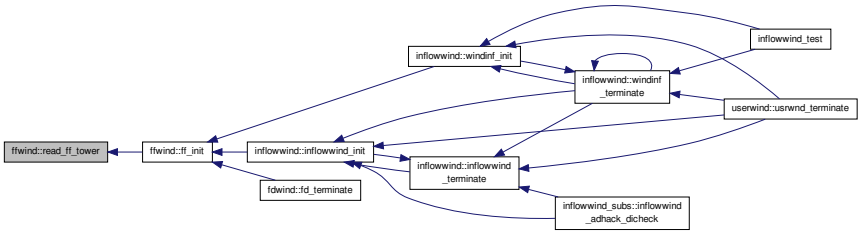
3.14.2.45 subroutine ffwind::read_ff_tower (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* integer, intent(out) *ErrStat*) [private]

Definition at line 10873 of file tempassembled.f90.

Here is the call graph for this function:



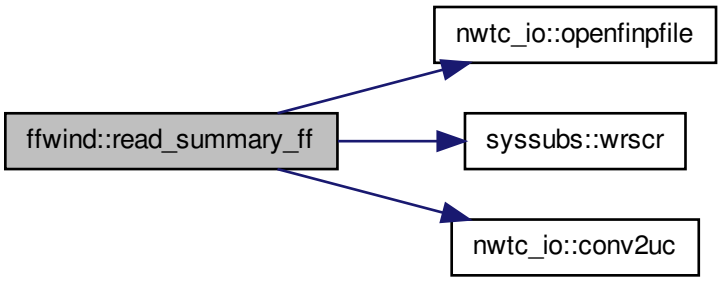
Here is the caller graph for this function:



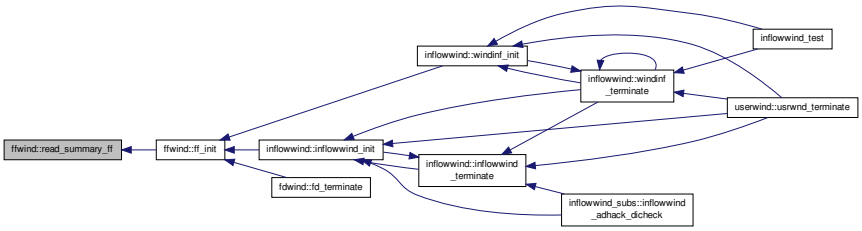
3.14.2.46 subroutine ffwind::read_summary_ff (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* logical, intent(out) *CWise,* real(reki), intent(out) *ZCenter,* real(reki), dimension (3), intent(out) *TI,* integer, intent(out) *ErrStat*) [private]

Definition at line 10333 of file tempassembled.f90.

Here is the call graph for this function:



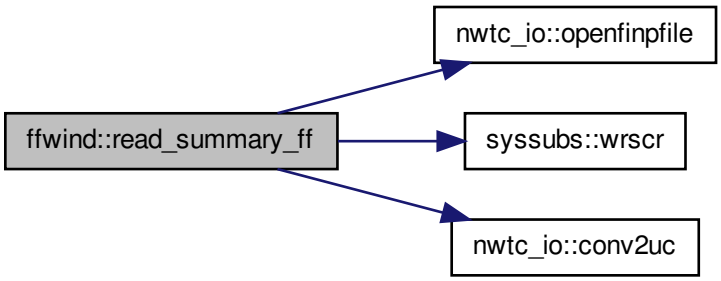
Here is the caller graph for this function:



3.14.2.47 subroutine ffwind::read_summary_ff (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* logical, intent(out) *CWise,* real(reki), intent(out) *ZCenter,* real(reki), dimension (3), intent(out) *TI,* integer, intent(out) *ErrStat*) [private]

Definition at line 24203 of file tempassembled.f90.

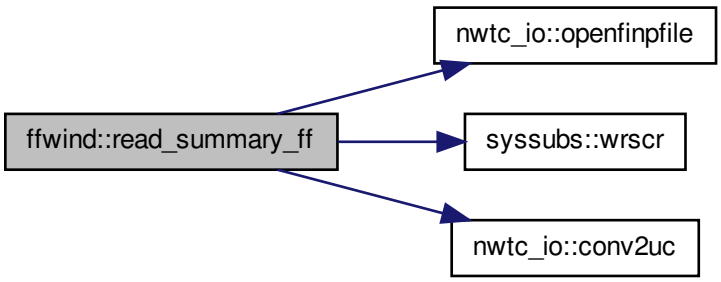
Here is the call graph for this function:



3.14.2.48 subroutine ffwind::read_summary_ff (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* logical, intent(out) *CWise,* real(reki), intent(out) *ZCenter,* real(reki), dimension (3), intent(out) *TI,* integer, intent(out) *ErrStat*) [private]

Definition at line 65862 of file tempassembled.f90.

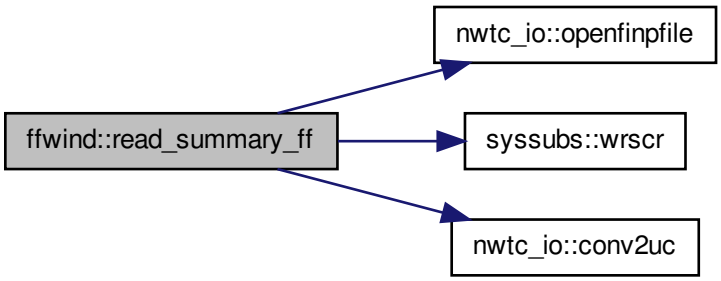
Here is the call graph for this function:



3.14.2.49 subroutine ffwind::read_summary_ff (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* logical, intent(out) *CWise,* real(reki), intent(out) *ZCenter,* real(reki), dimension (3), intent(out) *TI,* integer, intent(out) *ErrStat*) [private]

Definition at line 38073 of file tempassembled.f90.

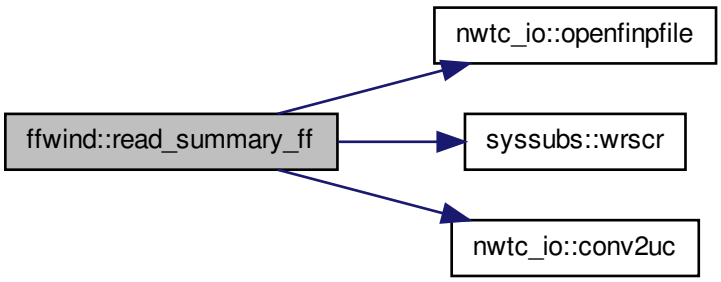
Here is the call graph for this function:



3.14.2.50 subroutine ffwind::read_summary_ff (integer, intent(in) *UnWind,* character(∗), intent(in) *FileName,* logical, intent(out) *CWise,* real(reki), intent(out) *ZCenter,* real(reki), dimension (3), intent(out) *TI,* integer, intent(out) *ErrStat*) [private]

Definition at line 51955 of file tempassembled.f90.

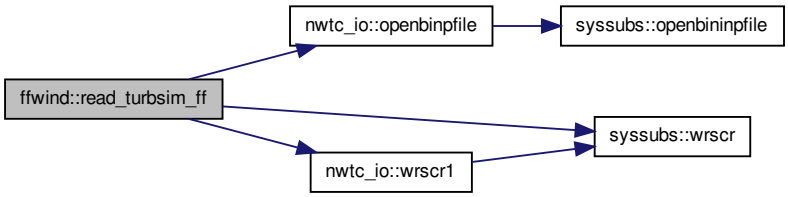
Here is the call graph for this function:



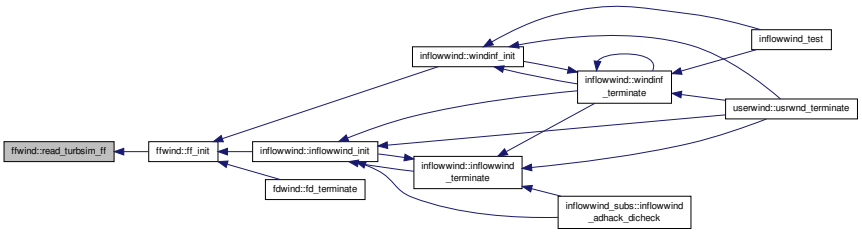
3.14.2.51 subroutine ffwind::read_turbsim_ff (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* integer, intent(out) *ErrStat*) [private]

Definition at line 10567 of file tempassembled.f90.

Here is the call graph for this function:



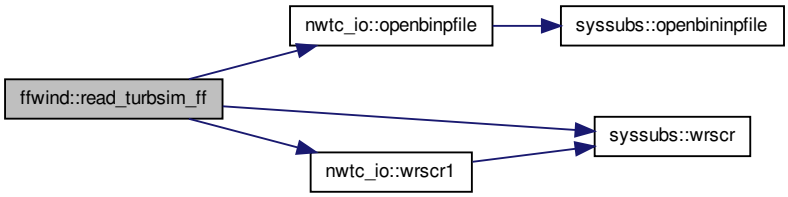
Here is the caller graph for this function:



3.14.2.52 subroutine ffwind::read_turbsim_ff (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* integer, intent(out) *ErrStat*) [private]

Definition at line 38307 of file tempassembled.f90.

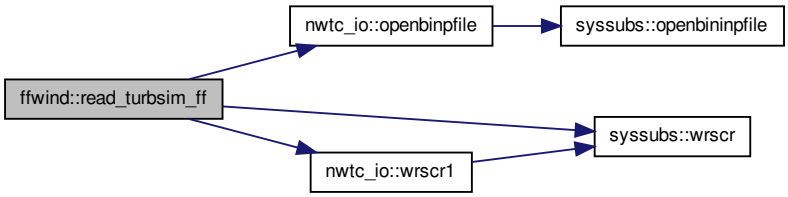
Here is the call graph for this function:



3.14.2.53 subroutine ffwind::read_turbsim_ff (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* integer, intent(out) *ErrStat*) [private]

Definition at line 24437 of file tempassembled.f90.

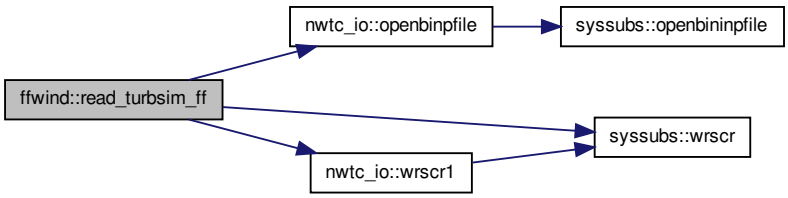
Here is the call graph for this function:



3.14.2.54 subroutine ffwind::read_turbsim_ff (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* integer, intent(out) *ErrStat*) [private]

Definition at line 52189 of file tempassembled.f90.

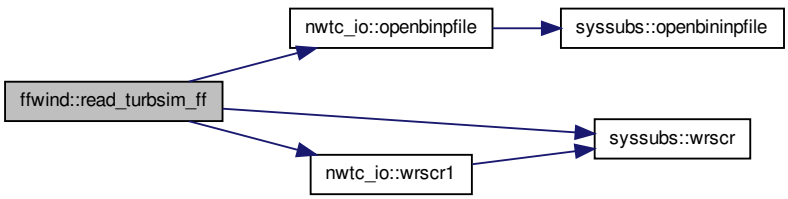
Here is the call graph for this function:



3.14.2.55 subroutine ffwind::read_turbsim_ff (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* integer, intent(out) *ErrStat*) [private]

Definition at line 66096 of file tempassembled.f90.

Here is the call graph for this function:



3.14.3 Member Data Documentation

3.14.3.1 real(reki), dimension (:,:,:,:), allocatable ffwind::ffdata [private]

Definition at line 9497 of file tempassembled.f90.

3.14.3.2 real(reki) ffwind::ffdtime [private]

Definition at line 9500 of file tempassembled.f90.

3.14.3.3 real(reki) ffwind::ffrate [private]

Definition at line 9501 of file tempassembled.f90.

3.14.3.4 real(reki), dimension (:,:,:), allocatable ffwind::fftower [private]

Definition at line 9498 of file tempassembled.f90.

3.14.3.5 real(reki) ffwind::ffyhwid [private]

Definition at line 9502 of file tempassembled.f90.

3.14.3.6 real(reki) ffwind::ffzhwid [private]

Definition at line 9503 of file tempassembled.f90.

3.14.3.7 real(reki) ffwind::gridbase [private]

Definition at line 9505 of file tempassembled.f90.

3.14.3.8 logical save ffwind::initialized = .FALSE. [private]

Definition at line 9519 of file tempassembled.f90.

3.14.3.9 real(reki) ffwind::initxposition [private]

Definition at line 9506 of file tempassembled.f90.

3.14.3.10 real(reki) ffwind::invffyd [private]

Definition at line 9507 of file tempassembled.f90.

3.14.3.11 real(reki) ffwind::invffzd [private]

Definition at line 9508 of file tempassembled.f90.

3.14.3.12 real(reki) ffwind::invmffws [private]

Definition at line 9509 of file tempassembled.f90.

3.14.3.13 real(reki) ffwind::meanffws [private]

Definition at line 9510 of file tempassembled.f90.

3.14.3.14 integer ffwind::nffcomp [private]

Definition at line 9513 of file tempassembled.f90.

3.14.3.15 integer ffwind::nffsteps [private]

Definition at line 9514 of file tempassembled.f90.

3.14.3.16 integer ffwind::ntgrids [private]

Definition at line 9517 of file tempassembled.f90.

3.14.3.17 integer ffwind::nygrids [private]

Definition at line 9515 of file tempassembled.f90.

3.14.3.18 integer ffwind::nzgrids [private]

Definition at line 9516 of file tempassembled.f90.

3.14.3.19 logical ffwind::periodic = .FALSE. [private]

Definition at line 9520 of file tempassembled.f90.

3.14.3.20 real(reki) ffwind::refht [private]

Definition at line 9504 of file tempassembled.f90.

3.14.3.21 real(reki) ffwind::totaltime [private]

Definition at line 9511 of file tempassembled.f90.

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

- tempassembled.f90

3.15 hawcwind Module Reference

Public Member Functions

- subroutine, public hw_init (UnWind, InpFileName, ErrStat)
- real(reki) function, public hw_getvalue (RVarName, ErrStat)
- type(inflintrpout) function, public hw_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public hw_terminate (ErrStat)
- subroutine, public hw_init (UnWind, InpFileName, ErrStat)
- real(reki) function, public hw_getvalue (RVarName, ErrStat)
- type(inflintrpout) function, public hw_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public hw_terminate (ErrStat)
- subroutine, public hw_init (UnWind, InpFileName, ErrStat)
- real(reki) function, public hw_getvalue (RVarName, ErrStat)
- type(inflintrpout) function, public hw_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public hw_terminate (ErrStat)
- subroutine, public hw_init (UnWind, InpFileName, ErrStat)
- real(reki) function, public hw_getvalue (RVarName, ErrStat)
- type(inflintrpout) function, public hw_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public hw_terminate (ErrStat)
- subroutine, public hw_init (UnWind, InpFileName, ErrStat)
- real(reki) function, public hw_getvalue (RVarName, ErrStat)
- type(inflintrpout) function, public hw_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public hw_terminate (ErrStat)

Private Member Functions

- real(reki) function, dimension(3) hw_linearinterp (Time, Position, ErrStat)
- real(reki) function, dimension(3) hw_linearinterp (Time, Position, ErrStat)
- real(reki) function, dimension(3) hw_linearinterp (Time, Position, ErrStat)
- real(reki) function, dimension(3) hw_linearinterp (Time, Position, ErrStat)
- real(reki) function, dimension(3) hw_linearinterp (Time, Position, ErrStat)

Private Attributes

- real(reki), dimension(:,:,:,:), allocatable winddata
- real(reki) deltaxinv
- real(reki) deltayinv
- real(reki) deltazinv
- integer, parameter nc = 3
- integer nx
- integer ny
- integer nz
- real(reki) gridbase
- real(reki) lengthx
- real(reki) lengthyhalf
- real(reki) refht
- real(reki) uref
- logical, save initialized = .FALSE.

3.15.1 Detailed Description

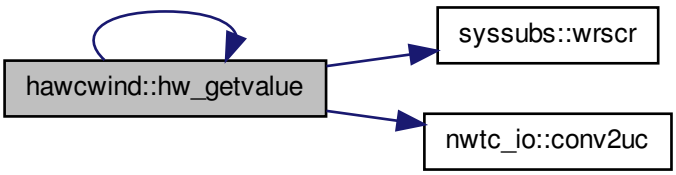
Definition at line 11515 of file tempassembled.f90.

3.15.2 Member Function/Subroutine Documentation

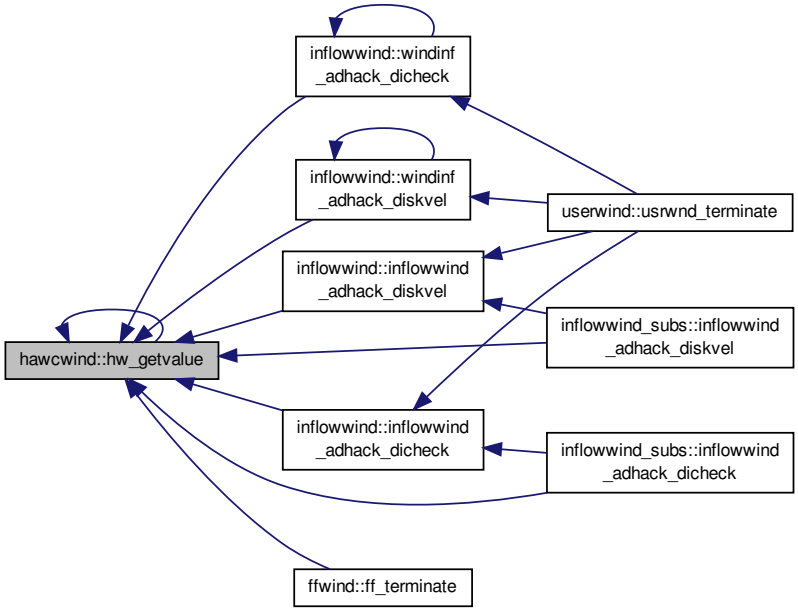
3.15.2.1 real(reki) function, public hawcwind::hw_getvalue (character(*), intent(in) *RVarName,* integer, intent(out) *ErrStat*)

Definition at line 11884 of file tempassembled.f90.

Here is the call graph for this function:



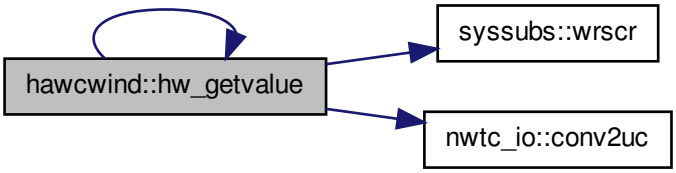
Here is the caller graph for this function:



3.15.2.2 real(reki) function, public hawcwind::hw_getvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*)

Definition at line 53506 of file tempassembled.f90.

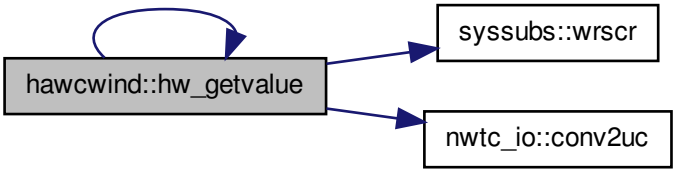
Here is the call graph for this function:



3.15.2.3 real(reki) function, public hawcwind::hw_getvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*)

Definition at line 67413 of file tempassembled.f90.

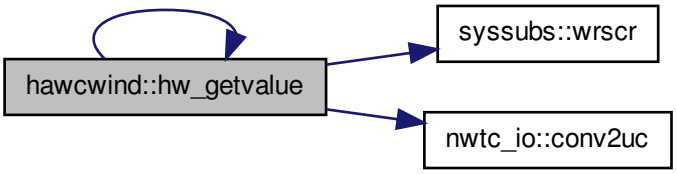
Here is the call graph for this function:



3.15.2.4 real(reki) function, public hawcwind::hw_getvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*)

Definition at line 25754 of file tempassembled.f90.

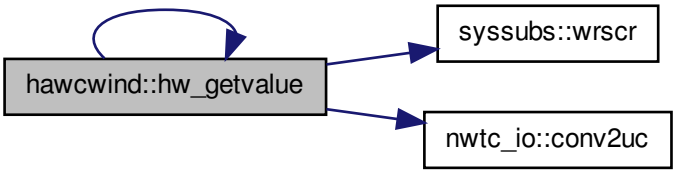
Here is the call graph for this function:



3.15.2.5 real(reki) function, public hawcwind::hw_getvalue (character(∗), intent(in) *RVarName,* integer, intent(out) *ErrStat*)

Definition at line 39624 of file tempassembled.f90.

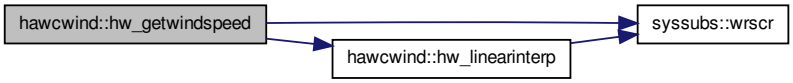
Here is the call graph for this function:



3.15.2.6 type(inflintrpout) function, public hawcwind::hw_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 25809 of file tempassembled.f90.

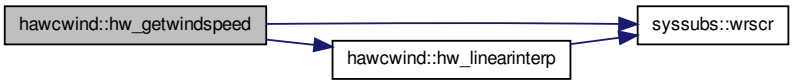
Here is the call graph for this function:



3.15.2.7 type(inflintrpout) function, public hawcwind::hw_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 53561 of file tempassembled.f90.

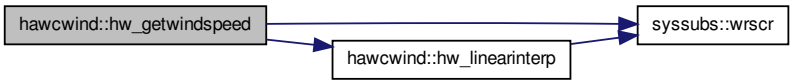
Here is the call graph for this function:



3.15.2.8 type(inflintrpout) function, public hawcwind::hw_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 67468 of file tempassembled.f90.

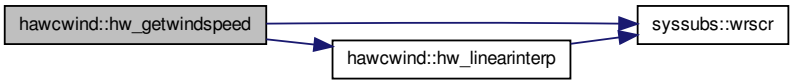
Here is the call graph for this function:



3.15.2.9 type(inflintrpout) function, public hawcwind::hw_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 39679 of file tempassembled.f90.

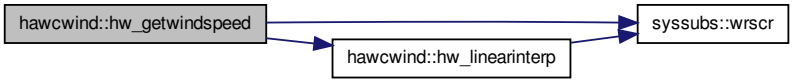
Here is the call graph for this function:



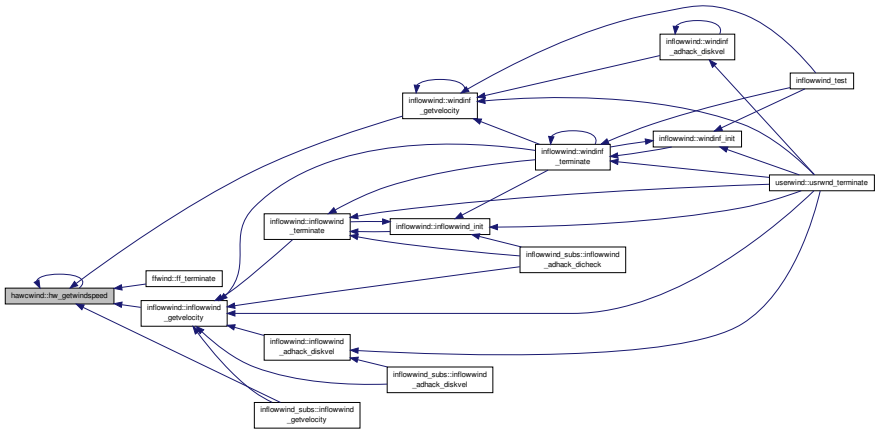
3.15.2.10 type(inflintrpout) function, public hawcwind::hw_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 11939 of file tempassembled.f90.

Here is the call graph for this function:



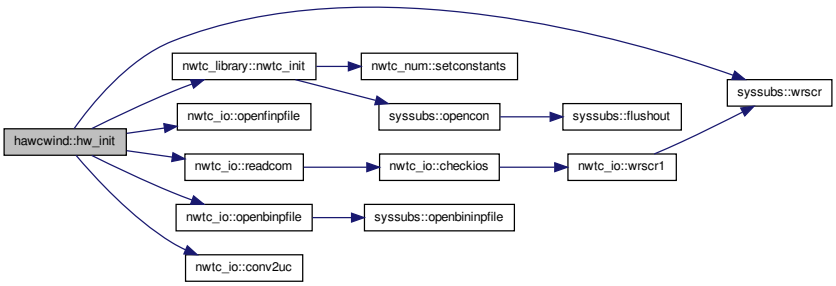
Here is the caller graph for this function:



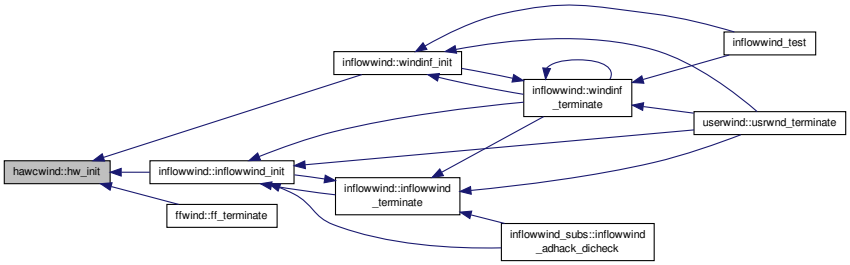
3.15.2.11 subroutine, public hawcwind::hw_init (integer, intent(in) *UnWind,* character(∗), intent(in) *InpFileName,* integer, intent(out) *ErrStat*)

Definition at line 11563 of file tempassembled.f90.

Here is the call graph for this function:



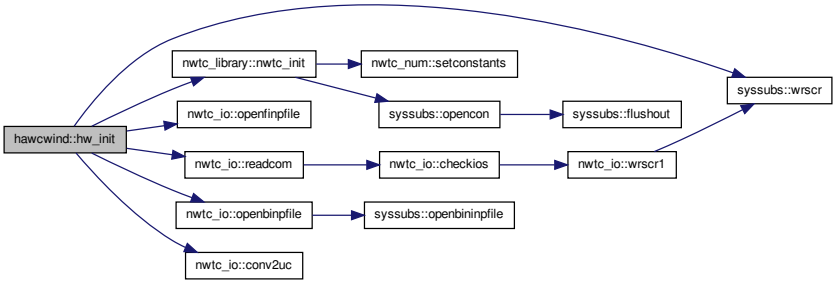
Here is the caller graph for this function:



3.15.2.12 subroutine, public hawcwind::hw_init (integer, intent(in) *UnWind,* character(∗), intent(in) *InpFileName,* integer, intent(out) *ErrStat*)

Definition at line 53185 of file tempassembled.f90.

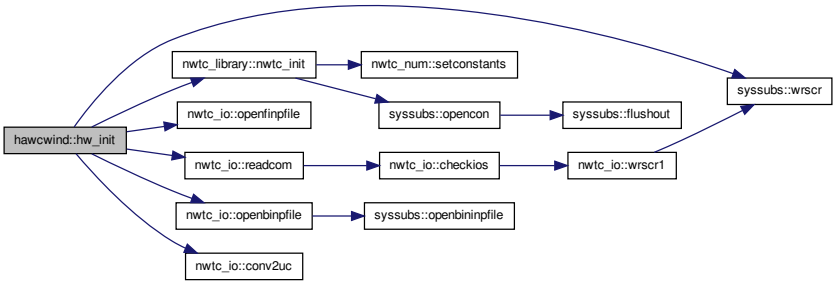
Here is the call graph for this function:



3.15.2.13 subroutine, public hawcwind::hw_init (integer, intent(in) *UnWind,* character(∗), intent(in) *InpFileName,* integer, intent(out) *ErrStat*)

Definition at line 67092 of file tempassembled.f90.

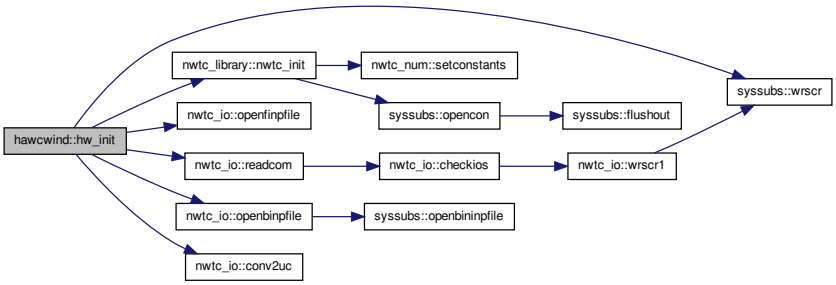
Here is the call graph for this function:



3.15.2.14 subroutine, public hawcwind::hw_init (integer, intent(in) *UnWind,* character(∗), intent(in) *InpFileName,* integer, intent(out) *ErrStat*)

Definition at line 39303 of file tempassembled.f90.

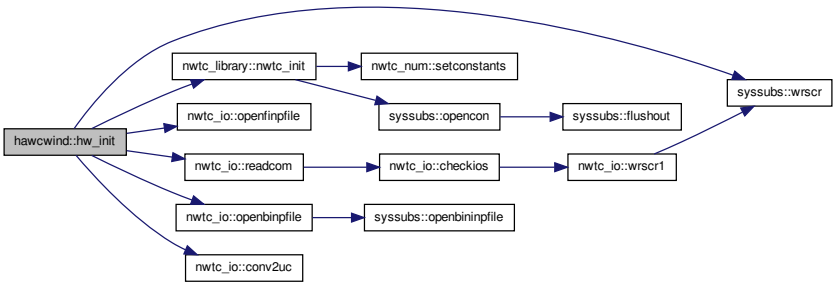
Here is the call graph for this function:



3.15.2.15 subroutine, public hawcwind::hw_init (integer, intent(in) *UnWind,* character(∗), intent(in) *InpFileName,* integer, intent(out) *ErrStat*)

Definition at line 25433 of file tempassembled.f90.

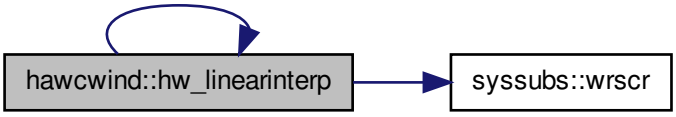
Here is the call graph for this function:



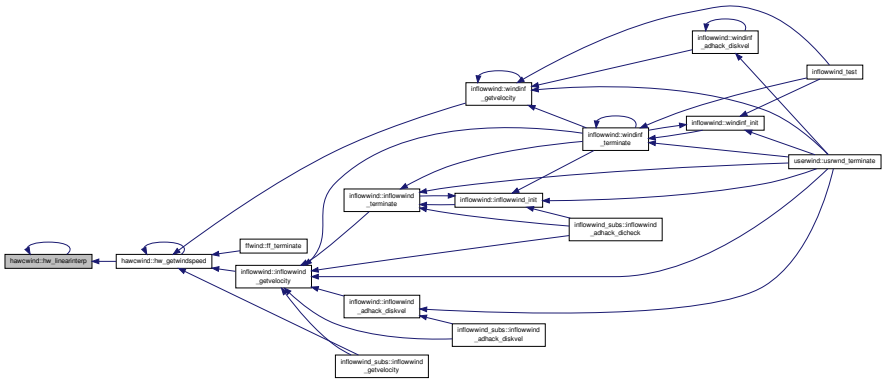
3.15.2.16 real(reki) function, dimension(3) hawcwind::hw_linearinterp (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *Position,* integer, intent(out) *ErrStat*) [private]

Definition at line 11973 of file tempassembled.f90.

Here is the call graph for this function:



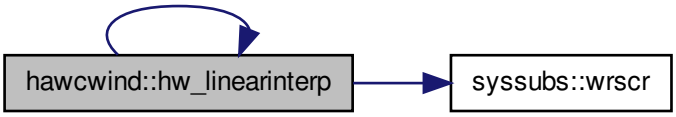
Here is the caller graph for this function:



3.15.2.17 real(reki) function, dimension(3) hawcwind::hw_linearinterp (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *Position,* integer, intent(out) *ErrStat*) [private]

Definition at line 53595 of file tempassembled.f90.

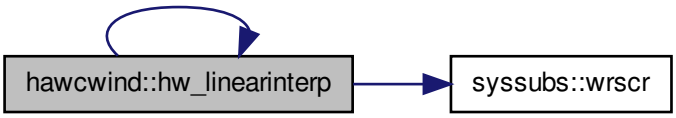
Here is the call graph for this function:



3.15.2.18 real(reki) function, dimension(3) hawcwind::hw_linearinterp (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *Position,* integer, intent(out) *ErrStat*) [private]

Definition at line 67502 of file tempassembled.f90.

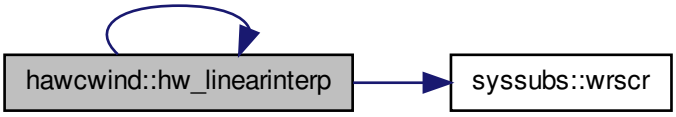
Here is the call graph for this function:



3.15.2.19 real(reki) function, dimension(3) hawcwind::hw_linearinterp (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *Position,* integer, intent(out) *ErrStat*) [private]

Definition at line 39713 of file tempassembled.f90.

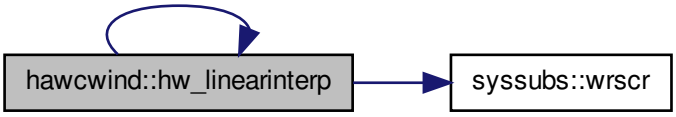
Here is the call graph for this function:



3.15.2.20 real(reki) function, dimension(3) hawcwind::hw_linearinterp (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *Position,* integer, intent(out) *ErrStat*) [private]

Definition at line 25843 of file tempassembled.f90.

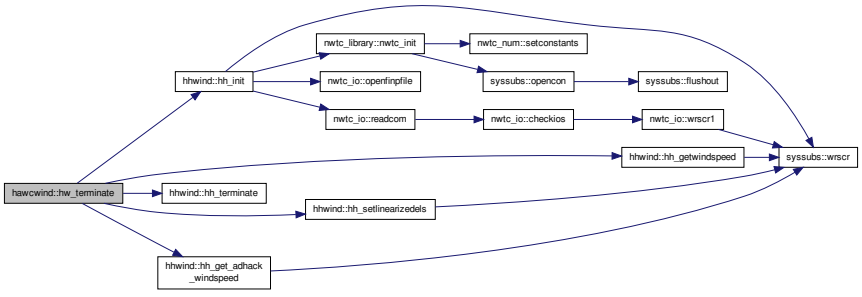
Here is the call graph for this function:



3.15.2.21 subroutine, public hawcwind::hw_terminate (integer, intent(out) *ErrStat*)

Definition at line 26048 of file tempassembled.f90.

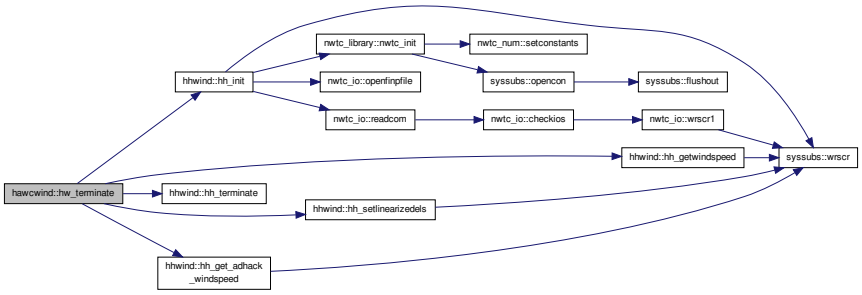
Here is the call graph for this function:



3.15.2.22 subroutine, public hawcwind::hw_terminate (integer, intent(out) *ErrStat*)

Definition at line 39918 of file tempassembled.f90.

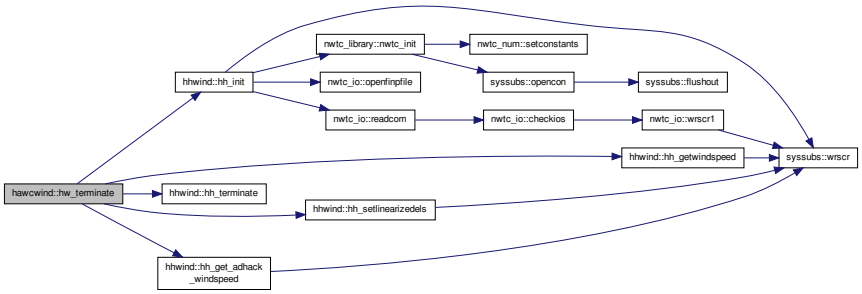
Here is the call graph for this function:



3.15.2.23 subroutine, public hawcwind::hw_terminate (integer, intent(out) *ErrStat*)

Definition at line 53800 of file tempassembled.f90.

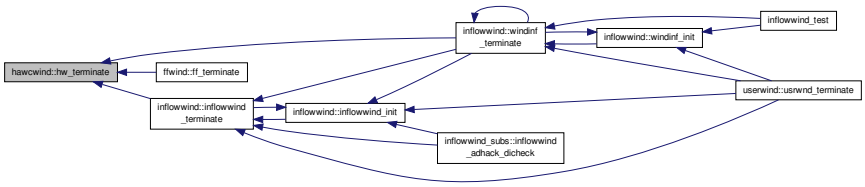
Here is the call graph for this function:



3.15.2.24 subroutine, public hawcwind::hw_terminate (integer, intent(out) *ErrStat*)

Definition at line 12178 of file tempassembled.f90.

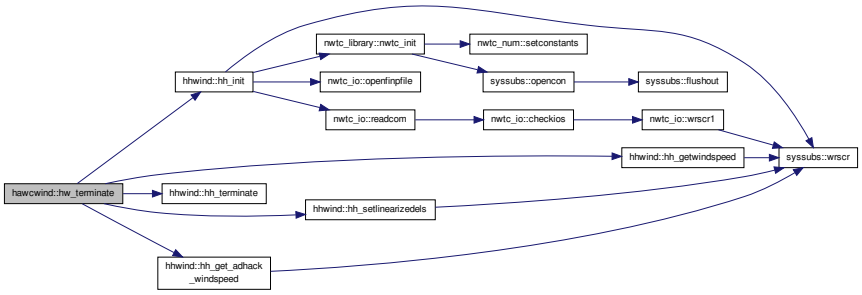
Here is the caller graph for this function:



3.15.2.25 subroutine, public hawcwind::hw_terminate (integer, intent(out) *ErrStat*)

Definition at line 67707 of file tempassembled.f90.

Here is the call graph for this function:



3.15.3 Member Data Documentation

3.15.3.1 real(reki) hawcwind::deltaxinv [private]

Definition at line 11537 of file tempassembled.f90.

3.15.3.2 real(reki) hawcwind::deltayinv [private]

Definition at line 11538 of file tempassembled.f90.

3.15.3.3 real(reki) hawcwind::deltazinv [private]

Definition at line 11539 of file tempassembled.f90.

3.15.3.4 real(reki) hawcwind::gridbase [private]

Definition at line 11546 of file tempassembled.f90.

3.15.3.5 logical save hawcwind::initialized = .FALSE. [private]

Definition at line 11553 of file tempassembled.f90.

3.15.3.6 real(reki) hawcwind::lengthx [private]

Definition at line 11547 of file tempassembled.f90.

3.15.3.7 real(reki) hawcwind::lengthyhalf [private]

Definition at line 11548 of file tempassembled.f90.

3.15.3.8 integer parameter hawcwind::nc = 3 [private]

Definition at line 11541 of file tempassembled.f90.

3.15.3.9 integer hawcwind::nx [private]

Definition at line 11542 of file tempassembled.f90.

3.15.3.10 integer hawcwind::ny [private]

Definition at line 11543 of file tempassembled.f90.

3.15.3.11 integer hawcwind::nz [private]

Definition at line 11544 of file tempassembled.f90.

3.15.3.12 real(reki) hawcwind::refht [private]

Definition at line 11549 of file tempassembled.f90.

3.15.3.13 real(reki) hawcwind::uref [private]

Definition at line 11550 of file tempassembled.f90.

3.15.3.14 real(reki), dimension (:,:,:,:), allocatable hawcwind::winddata [private]

Definition at line 11535 of file tempassembled.f90.

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

- tempassembled.f90

3.16 hhwind::hh_info Type Reference

Public Attributes

- real(reki) referenceheight
- real(reki) width

3.16.1 Detailed Description

Definition at line 12244 of file tempassembled.f90.

3.16.2 Member Data Documentation

3.16.2.1 real(reki) hhwind::hh_info::referenceheight

Definition at line 12245 of file tempassembled.f90.

3.16.2.2 real(reki) hhwind::hh_info::width

Definition at line 12246 of file tempassembled.f90.

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

- tempassembled.f90

3.17 hhwind Module Reference

Data Types

- type hh_info

Public Member Functions

- subroutine, public hh_init (UnWind, WindFile, WindInfo, ErrStat)
- type(inflintrpout) function, public hh_getwindspeed (Time, InputPosition, ErrStat)
- type(inflintrpout) function, public hh_get_adhack_windspeed (Time, InputPosition, ErrStat)
- subroutine, public hh_setlinearizedels (Perturbations, ErrStat)
- subroutine, public hh_terminate (ErrStat)
- subroutine, public hh_init (UnWind, WindFile, WindInfo, ErrStat)
- type(inflintrpout) function, public hh_getwindspeed (Time, InputPosition, ErrStat)
- type(inflintrpout) function, public hh_get_adhack_windspeed (Time, InputPosition, ErrStat)
- subroutine, public hh_setlinearizedels (Perturbations, ErrStat)
- subroutine, public hh_terminate (ErrStat)
- subroutine, public hh_init (UnWind, WindFile, WindInfo, ErrStat)
- type(inflintrpout) function, public hh_getwindspeed (Time, InputPosition, ErrStat)
- type(inflintrpout) function, public hh_get_adhack_windspeed (Time, InputPosition, ErrStat)
- subroutine, public hh_setlinearizedels (Perturbations, ErrStat)
- subroutine, public hh_terminate (ErrStat)
- subroutine, public hh_init (UnWind, WindFile, WindInfo, ErrStat)
- type(inflintrpout) function, public hh_getwindspeed (Time, InputPosition, ErrStat)
- type(inflintrpout) function, public hh_get_adhack_windspeed (Time, InputPosition, ErrStat)
- subroutine, public hh_setlinearizedels (Perturbations, ErrStat)
- subroutine, public hh_terminate (ErrStat)
- subroutine, public hh_init (UnWind, WindFile, WindInfo, ErrStat)
- type(inflintrpout) function, public hh_getwindspeed (Time, InputPosition, ErrStat)
- type(inflintrpout) function, public hh_get_adhack_windspeed (Time, InputPosition, ErrStat)
- subroutine, public hh_setlinearizedels (Perturbations, ErrStat)
- subroutine, public hh_terminate (ErrStat)

Private Attributes

- real(reki), dimension(:), allocatable tdata
- real(reki), dimension(:), allocatable delta
- real(reki), dimension(:), allocatable v
- real(reki), dimension(:), allocatable vz
- real(reki), dimension(:), allocatable hshr
- real(reki), dimension(:), allocatable vshr
- real(reki), dimension(:), allocatable vlinshr
- real(reki), dimension(:), allocatable vgust
- real(reki), dimension(7) linearizedels
- real(reki) refht
- real(reki) refwid
- integer numdatalines
- integer, save timeindx = 0
- logical, save linearize = .FALSE.

3.17.1 Detailed Description

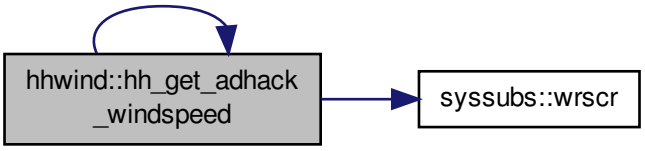
Definition at line 12195 of file tempassembled.f90.

3.17.2 Member Function/Subroutine Documentation

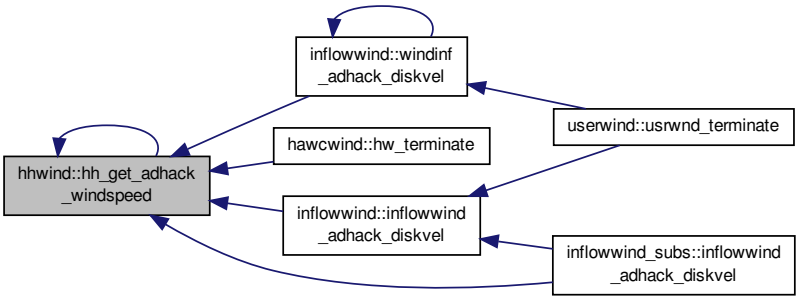
3.17.2.1 type(inflintrpout) function, public hhwind::hh_get_adhack_windspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 12655 of file tempassembled.f90.

Here is the call graph for this function:



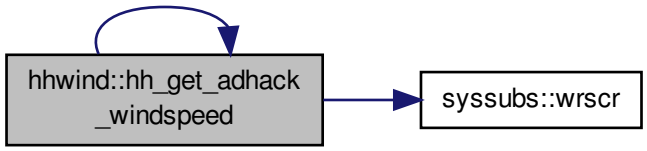
Here is the caller graph for this function:



3.17.2.2 type(inflintrpout) function, public hhwind::hh_get_adhack_windspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 26525 of file tempassembled.f90.

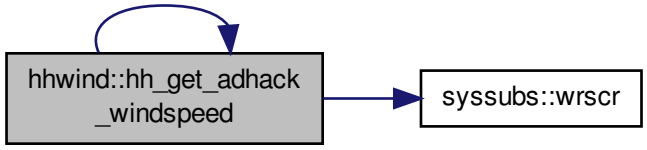
Here is the call graph for this function:



3.17.2.3 type(inflintrpout) function, public hhwind::hh_get_adhack_windspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 54277 of file tempassembled.f90.

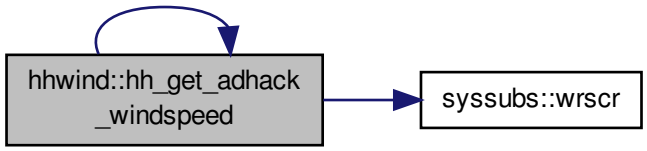
Here is the call graph for this function:



3.17.2.4 type(inflintrpout) function, public hhwind::hh_get_adhack_windspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 68184 of file tempassembled.f90.

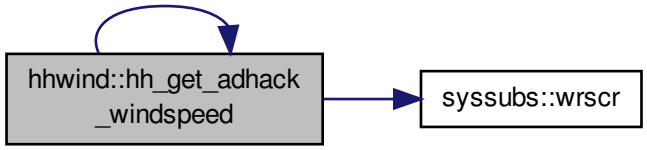
Here is the call graph for this function:



3.17.2.5 type(inflintrpout) function, public hhwind::hh_get_adhack_windspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 40395 of file tempassembled.f90.

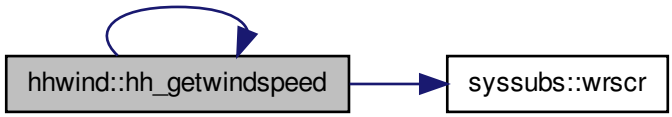
Here is the call graph for this function:



3.17.2.6 type(inflintrpout) function, public hhwind::hh_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 54146 of file tempassembled.f90.

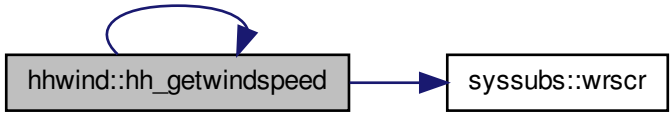
Here is the call graph for this function:



3.17.2.7 type(inflintrpout) function, public hhwind::hh_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 68053 of file tempassembled.f90.

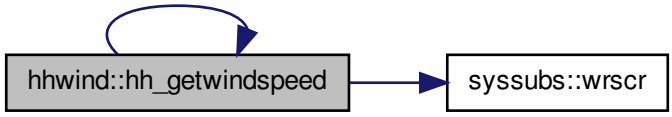
Here is the call graph for this function:



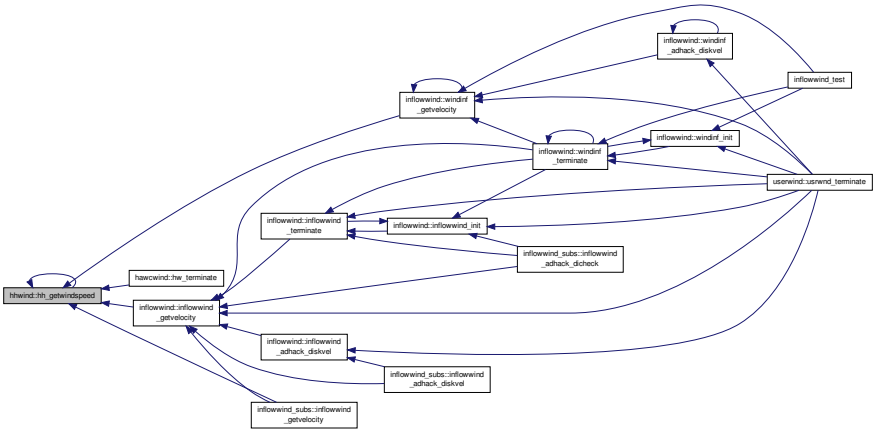
3.17.2.8 type(inflintrpout) function, public hhwind::hh_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 12524 of file tempassembled.f90.

Here is the call graph for this function:



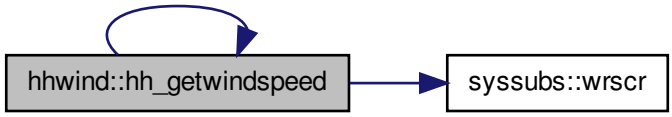
Here is the caller graph for this function:



3.17.2.9 type(inflintrpout) function, public hhwind::hh_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 40264 of file tempassembled.f90.

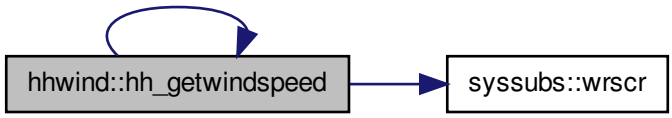
Here is the call graph for this function:



3.17.2.10 type(inflintrpout) function, public hhwind::hh_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 26394 of file tempassembled.f90.

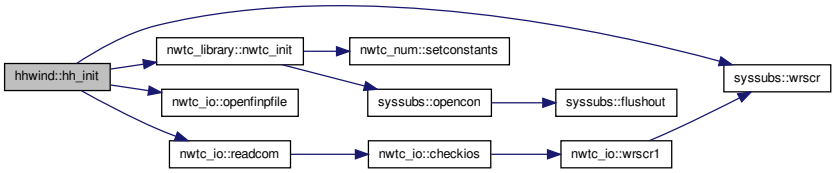
Here is the call graph for this function:



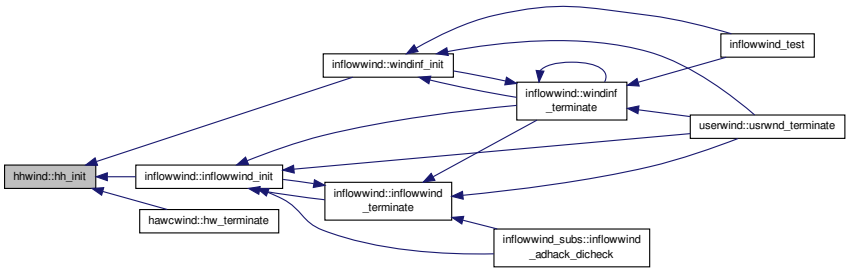
3.17.2.11 subroutine, public hhwind::hh_init (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* type(hh_info), intent(in) *WindInfo,* integer, intent(out) *ErrStat*)

Definition at line 12257 of file tempassembled.f90.

Here is the call graph for this function:



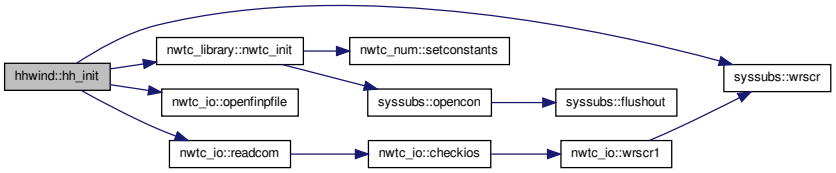
Here is the caller graph for this function:



3.17.2.12 subroutine, public hhwind::hh_init (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* type(hh_info), intent(in) *WindInfo,* integer, intent(out) *ErrStat*)

Definition at line 53879 of file tempassembled.f90.

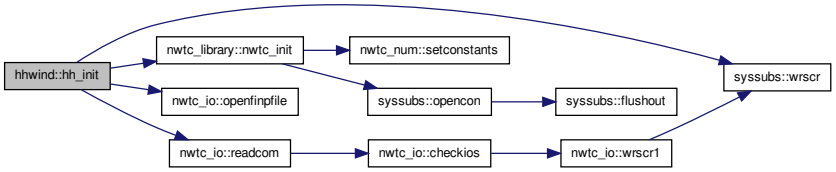
Here is the call graph for this function:



3.17.2.13 subroutine, public hhwind::hh_init (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* type(hh_info), intent(in) *WindInfo,* integer, intent(out) *ErrStat*)

Definition at line 67786 of file tempassembled.f90.

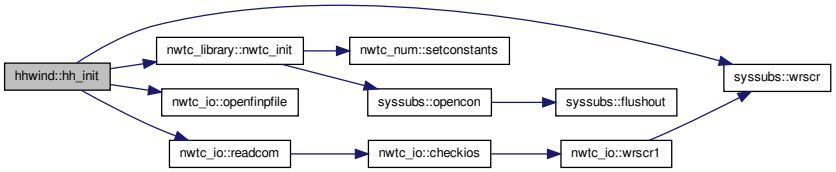
Here is the call graph for this function:



3.17.2.14 subroutine, public hhwind::hh_init (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* type(hh_info), intent(in) *WindInfo,* integer, intent(out) *ErrStat*)

Definition at line 39997 of file tempassembled.f90.

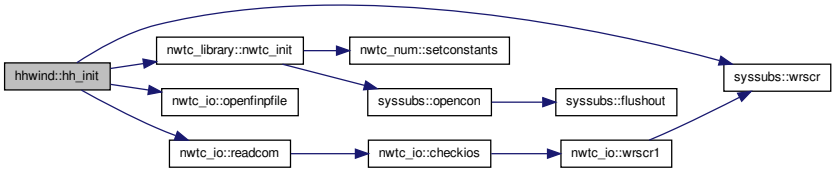
Here is the call graph for this function:



3.17.2.15 subroutine, public hhwind::hh_init (integer, intent(in) *UnWind,* character(∗), intent(in) *WindFile,* type(hh_info), intent(in) *WindInfo,* integer, intent(out) *ErrStat*)

Definition at line 26127 of file tempassembled.f90.

Here is the call graph for this function:

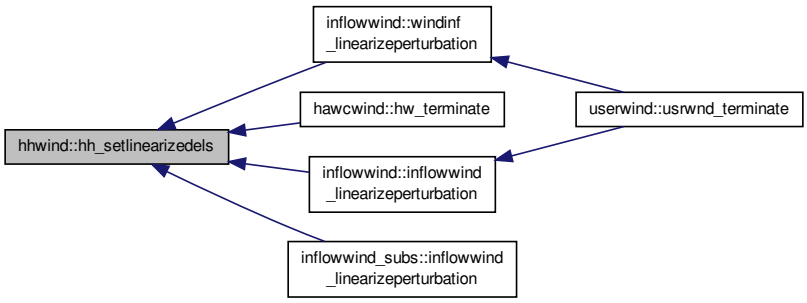


3.17.2.16 subroutine, public hhwind::hh_setlinearizedels (real(reki), dimension(7), intent(in) *Perturbations,* integer, intent(out) *ErrStat*)

Definition at line 12748 of file tempassembled.f90.

Here is the call graph for this function:

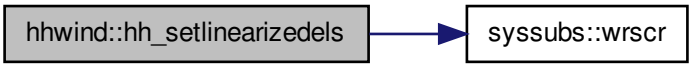
Here is the caller graph for this function:



3.17.2.17 subroutine, public hhwind::hh_setlinearizedels (real(reki), dimension(7), intent(in) *Perturbations,* integer, intent(out) *ErrStat*)

Definition at line 26618 of file tempassembled.f90.

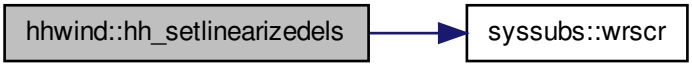
Here is the call graph for this function:



3.17.2.18 subroutine, public hhwind::hh_setlinearizedels (real(reki), dimension(7), intent(in) *Perturbations,* integer, intent(out) *ErrStat*)

Definition at line 54370 of file tempassembled.f90.

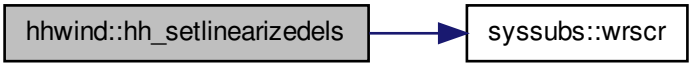
Here is the call graph for this function:



3.17.2.19 subroutine, public hhwind::hh_setlinearizedels (real(reki), dimension(7), intent(in) *Perturbations,* integer, intent(out) *ErrStat*)

Definition at line 68277 of file tempassembled.f90.

Here is the call graph for this function:



3.17.2.20 subroutine, public hhwind::hh_setlinearizedels (real(reki), dimension(7), intent(in) *Perturbations,* integer, intent(out) *ErrStat*)

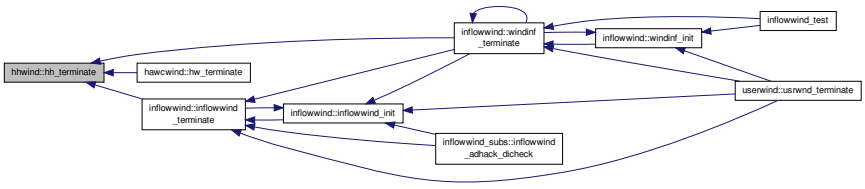
Definition at line 40488 of file tempassembled.f90.

Here is the call graph for this function:

3.17.2.21 subroutine, public hhwind::hh_terminate (integer, intent(out) *ErrStat*)

Definition at line 12774 of file tempassembled.f90.

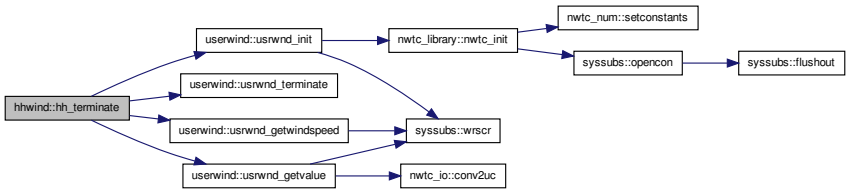
Here is the caller graph for this function:



3.17.2.22 subroutine, public hhwind::hh_terminate (integer, intent(out) *ErrStat*)

Definition at line 68303 of file tempassembled.f90.

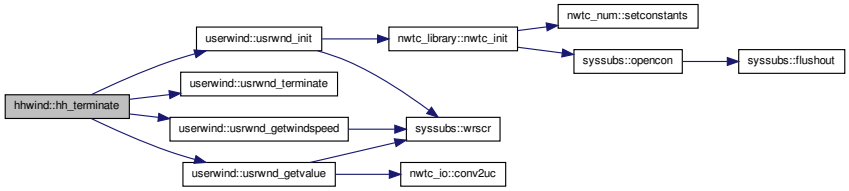
Here is the call graph for this function:



3.17.2.23 subroutine, public hhwind::hh_terminate (integer, intent(out) *ErrStat*)

Definition at line 40514 of file tempassembled.f90.

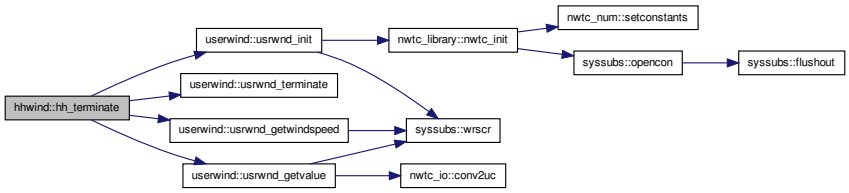
Here is the call graph for this function:



3.17.2.24 subroutine, public hhwind::hh_terminate (integer, intent(out) *ErrStat*)

Definition at line 54396 of file tempassembled.f90.

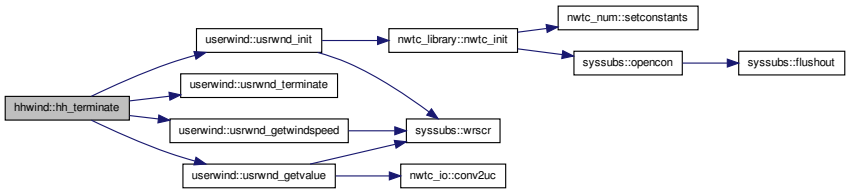
Here is the call graph for this function:



3.17.2.25 subroutine, public hhwind::hh_terminate (integer, intent(out) *ErrStat*)

Definition at line 26644 of file tempassembled.f90.

Here is the call graph for this function:



3.17.3 Member Data Documentation

3.17.3.1 real(reki), dimension (:), allocatable hhwind::delta [private]

Definition at line 12227 of file tempassembled.f90.

3.17.3.2 real(reki), dimension (:), allocatable hhwind::hshr [private]

Definition at line 12230 of file tempassembled.f90.

3.17.3.3 logical save hhwind::linearize = .FALSE. [private]

Definition at line 12242 of file tempassembled.f90.

3.17.3.4 real(reki), dimension(7) hhwind::linearizedels [private]

Definition at line 12235 of file tempassembled.f90.

3.17.3.5 integer hhwind::numdatalines [private]

Definition at line 12239 of file tempassembled.f90.

3.17.3.6 real(reki) hhwind::refht [private]

Definition at line 12236 of file tempassembled.f90.

3.17.3.7 real(reki) hhwind::refwid [private]

Definition at line 12237 of file tempassembled.f90.

3.17.3.8 real(reki), dimension (:), allocatable hhwind::tdata [private]

Definition at line 12226 of file tempassembled.f90.

3.17.3.9 integer save hhwind::timeindx = 0 [private]

Definition at line 12240 of file tempassembled.f90.

3.17.3.10 real(reki), dimension (:), allocatable hhwind::v [private]

Definition at line 12228 of file tempassembled.f90.

3.17.3.11 real(reki), dimension (:), allocatable hhwind::vgust [private]

Definition at line 12233 of file tempassembled.f90.

3.17.3.12 real(reki), dimension(:), allocatable hhwind::vlinshr [private]

Definition at line 12232 of file tempassembled.f90.

3.17.3.13 real(reki), dimension (:), allocatable hhwind::vshr [private]

Definition at line 12231 of file tempassembled.f90.

3.17.3.14 real(reki), dimension (:), allocatable hhwind::vz [private]

Definition at line 12229 of file tempassembled.f90.

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

- tempassembled.f90

3.18 inflowwind::inflinitinfo Type Reference

Public Attributes

- character(1024) windfilename
- integer windfiletype
- real(reki) referenceheight
- real(reki) width

3.18.1 Detailed Description

Definition at line 13055 of file tempassembled.f90.

3.18.2 Member Data Documentation

3.18.2.1 real(reki) inflowwind::inflinitinfo::referenceheight

Definition at line 13058 of file tempassembled.f90.

3.18.2.2 real(reki) inflowwind::inflinitinfo::width

Definition at line 13059 of file tempassembled.f90.

3.18.2.3 character(1024) inflowwind::inflinitinfo::windfilename

Definition at line 13056 of file tempassembled.f90.

3.18.2.4 integer inflowwind::inflinitinfo::windfiletype

Definition at line 13057 of file tempassembled.f90.

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

- tempassembled.f90

3.19 sharedinflowdefs::inflintrpout Type Reference

Public Attributes

- real(reki), dimension(3) velocity

3.19.1 Detailed Description

Definition at line 62718 of file tempassembled.f90.

3.19.2 Member Data Documentation

3.19.2.1 real(reki), dimension(3) sharedinflowdefs::inflintrpout::velocity

Definition at line 62719 of file tempassembled.f90.

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

- tempassembled.f90

3.20 sharedinflowdefns::inflintrpout Type Reference

Public Attributes

- real(reki), dimension(3) velocity

3.20.1 Detailed Description

Definition at line 7195 of file tempassembled.f90.

3.20.2 Member Data Documentation

3.20.2.1 real(reki), dimension(3) sharedinflowdefns::inflintrpout::velocity

Definition at line 7196 of file tempassembled.f90.

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

- tempassembled.f90

3.21 inflowwind Module Reference

Data Types

- type inflinitinfo

Public Member Functions

- subroutine, public windinf_init (FileInfo, ErrStat)
- type(inflintrpout) function, public windinf_getvelocity (Time, InputPosition, ErrStat)

- subroutine, public windinf_linearizeperturbation (LinPerturbations, ErrStat)
- real(reki) function, dimension(3),
  public windinf_adhack_diskvel (Time, InpPosition, ErrStat)
- real(reki) function, public windinf_adhack_dicheck (ErrStat)
- subroutine, public windinf_terminate (ErrStat)
- subroutine, public windinf_init (FileInfo, ErrStat)
- type(inflintrpout) function, public windinf_getvelocity (Time, InputPosition, ErrStat)
- subroutine, public windinf_linearizeperturbation (LinPerturbations, ErrStat)
- real(reki) function, dimension(3),
  public windinf_adhack_diskvel (Time, InpPosition, ErrStat)
- real(reki) function, public windinf_adhack_dicheck (ErrStat)
- subroutine, public windinf_terminate (ErrStat)
- subroutine, public windinf_init (FileInfo, ErrStat)
- type(inflintrpout) function, public windinf_getvelocity (Time, InputPosition, ErrStat)
- subroutine, public windinf_linearizeperturbation (LinPerturbations, ErrStat)
- real(reki) function, dimension(3),
  public windinf_adhack_diskvel (Time, InpPosition, ErrStat)
- real(reki) function, public windinf_adhack_dicheck (ErrStat)
- subroutine, public windinf_terminate (ErrStat)
- subroutine, public inflowwind_init (FileInfo, ErrStat)
- type(inflintrpout) function, public inflowwind_getvelocity (Time, InputPosition, ErrStat)
- subroutine, public inflowwind_linearizeperturbation (LinPerturbations, ErrStat)
- real(reki) function, dimension(3),
  public inflowwind_adhack_diskvel (Time, InpPosition, ErrStat)
- real(reki) function, public inflowwind_adhack_dicheck (ErrStat)
- subroutine, public inflowwind_terminate (ErrStat)
- subroutine, public inflowwind_init (FileInfo, ErrStat)
- subroutine, public inflowwind_terminate (ErrStat)

Public Attributes

- character(99), parameter windinfver = 'InflowWind (v1.01.00b-bjj, 10-Aug-2012)'
- character(99), parameter inflowwindver = 'InflowWind (v1.01.00b-bjj, 10-Aug-2012)'

Private Member Functions

- integer function getwindtype (FileName, ErrStat)
- integer function getwindtype (FileName, ErrStat)
- integer function getwindtype (FileName, ErrStat)
- integer function getwindtype (FileName, ErrStat)

Private Attributes

- integer, save windtype = Undef_Wind
- integer unwind = 91
- logical, save ct_flag = .FALSE.

3.21.1 Detailed Description

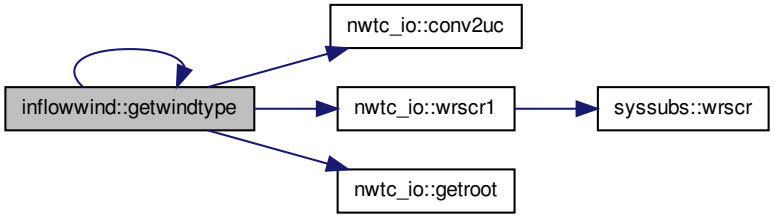
Definition at line 13008 of file tempassembled.f90.

3.21.2 Member Function/Subroutine Documentation

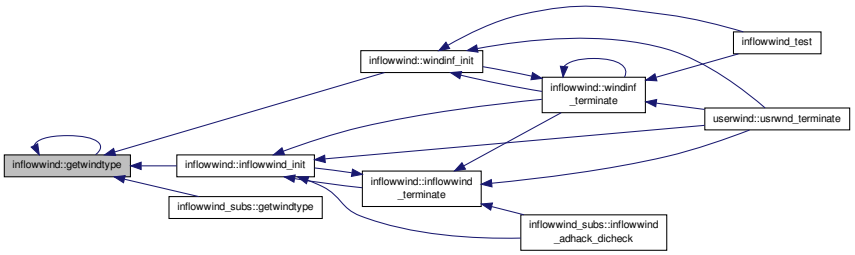
3.21.2.1 integer function inflowwind::getwindtype (character(∗), intent(inout) *FileName,* integer, intent(out) *ErrStat*) [private]

Definition at line 13273 of file tempassembled.f90.

Here is the call graph for this function:



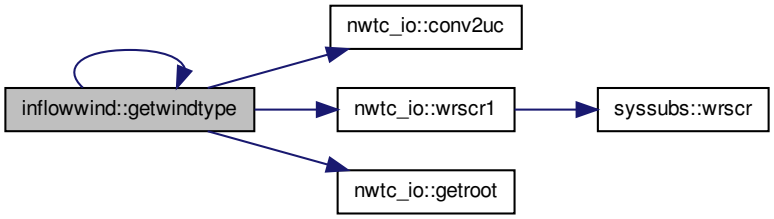
Here is the caller graph for this function:



3.21.2.2 integer function inflowwind::getwindtype (character(∗), intent(inout) *FileName,* integer, intent(out) *ErrStat*) [private]

Definition at line 27143 of file tempassembled.f90.

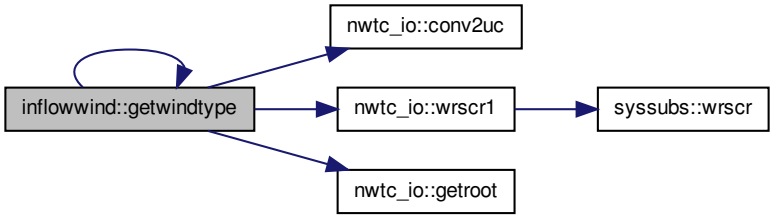
Here is the call graph for this function:



3.21.2.3 integer function inflowwind::getwindtype (character(∗), intent(inout) *FileName,* integer, intent(out) *ErrStat*) [private]

Definition at line 41013 of file tempassembled.f90.

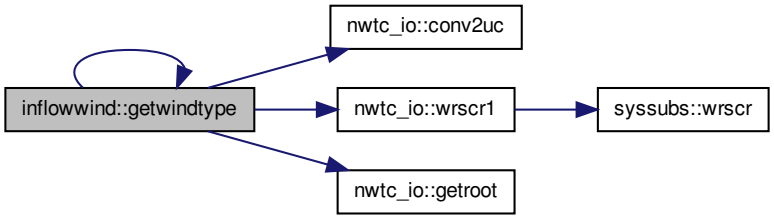
Here is the call graph for this function:



3.21.2.4 integer function inflowwind::getwindtype (character(∗), intent(inout) *FileName,* integer, intent(out) *ErrStat*) [private]

Definition at line 54907 of file tempassembled.f90.

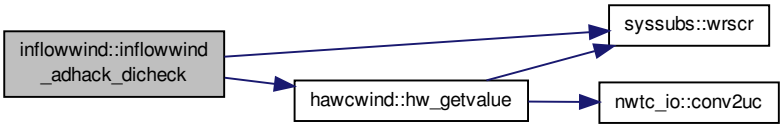
Here is the call graph for this function:



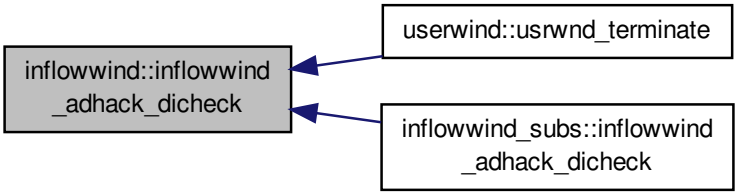
3.21.2.5 real(reki) function, public inflowwind::inflowwind_adhack_dicheck (integer, intent(out) *ErrStat*)

Definition at line 55180 of file tempassembled.f90.

Here is the call graph for this function:



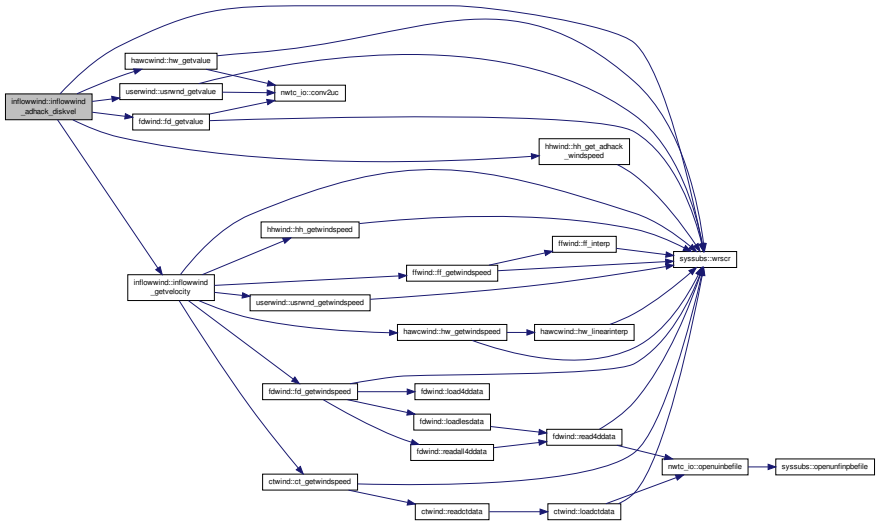
Here is the caller graph for this function:



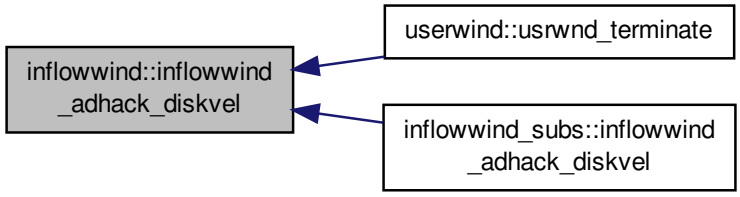
3.21.2.6 real(reki) function, dimension(3), public inflowwind::inflowwind_adhack_diskvel (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InpPosition,* integer, intent(out) *ErrStat*)

Definition at line 55059 of file tempassembled.f90.

Here is the call graph for this function:



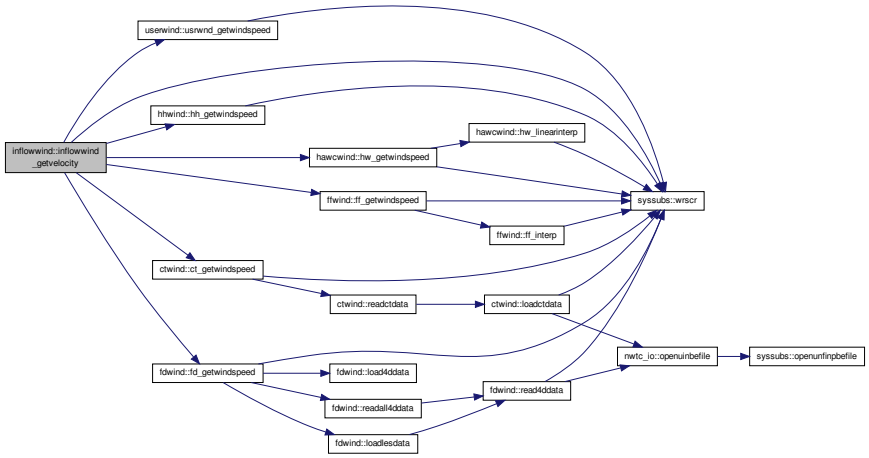
Here is the caller graph for this function:



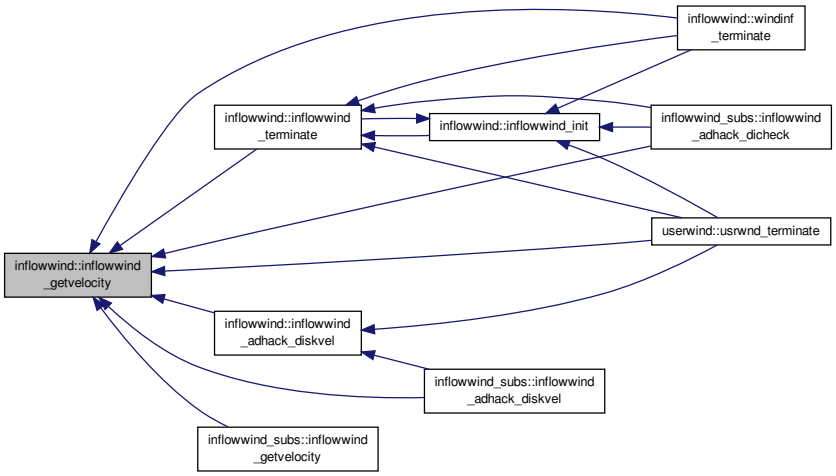
3.21.2.7 type(inflintrpout) function, public inflowwind::inflowwind_getvelocity (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 54843 of file tempassembled.f90.

Here is the call graph for this function:



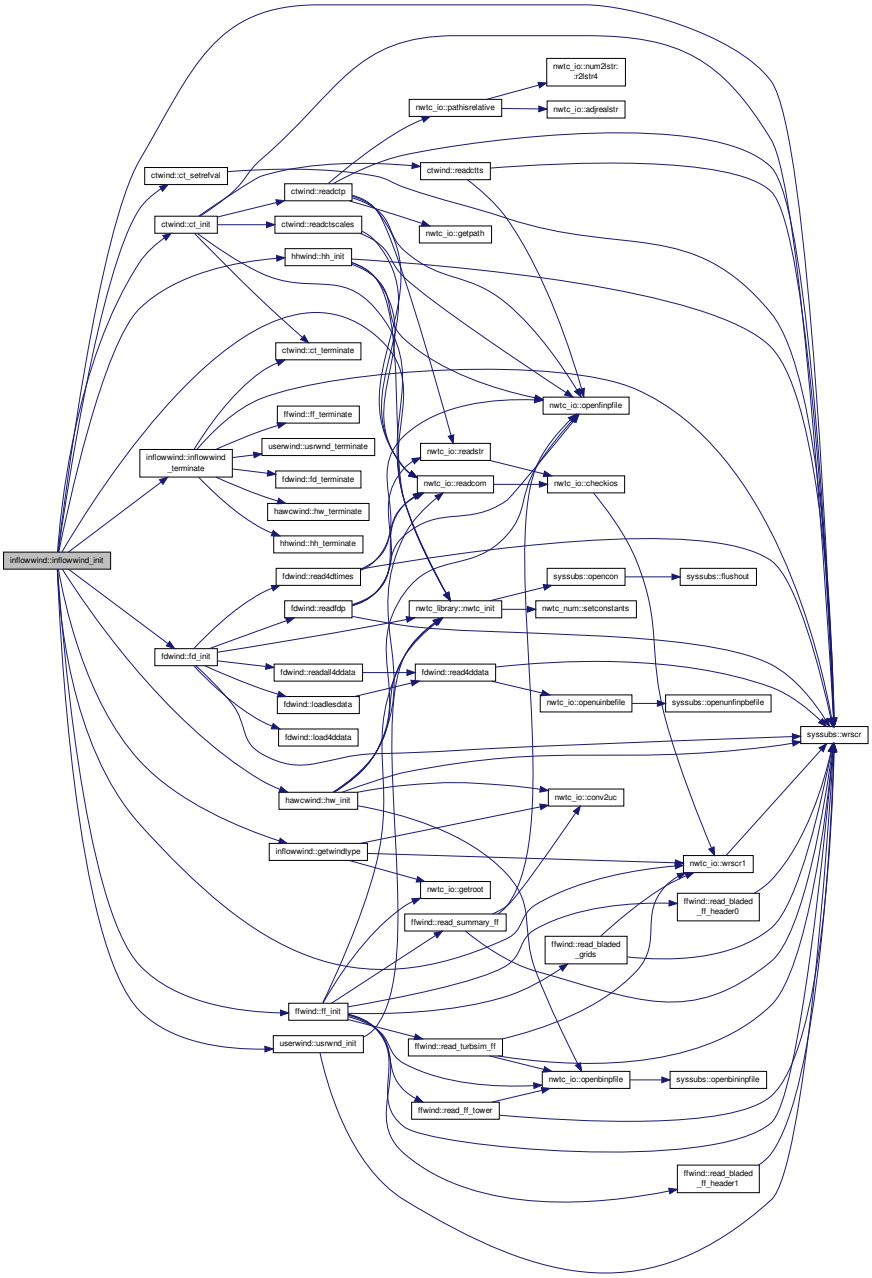
Here is the caller graph for this function:



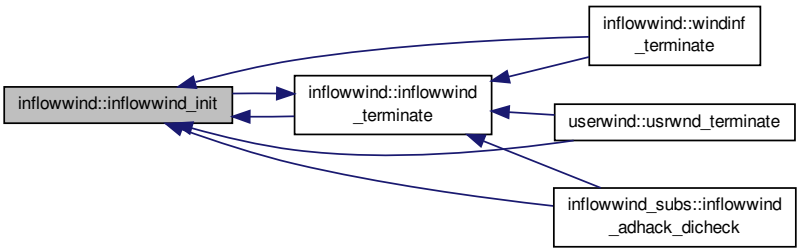
3.21.2.8 subroutine, public inflowwind::inflowwind_init (type(inflinitinfo), intent(in) *FileInfo,* integer, intent(out) *ErrStat*)

Definition at line 54710 of file tempassembled.f90.

Here is the call graph for this function:



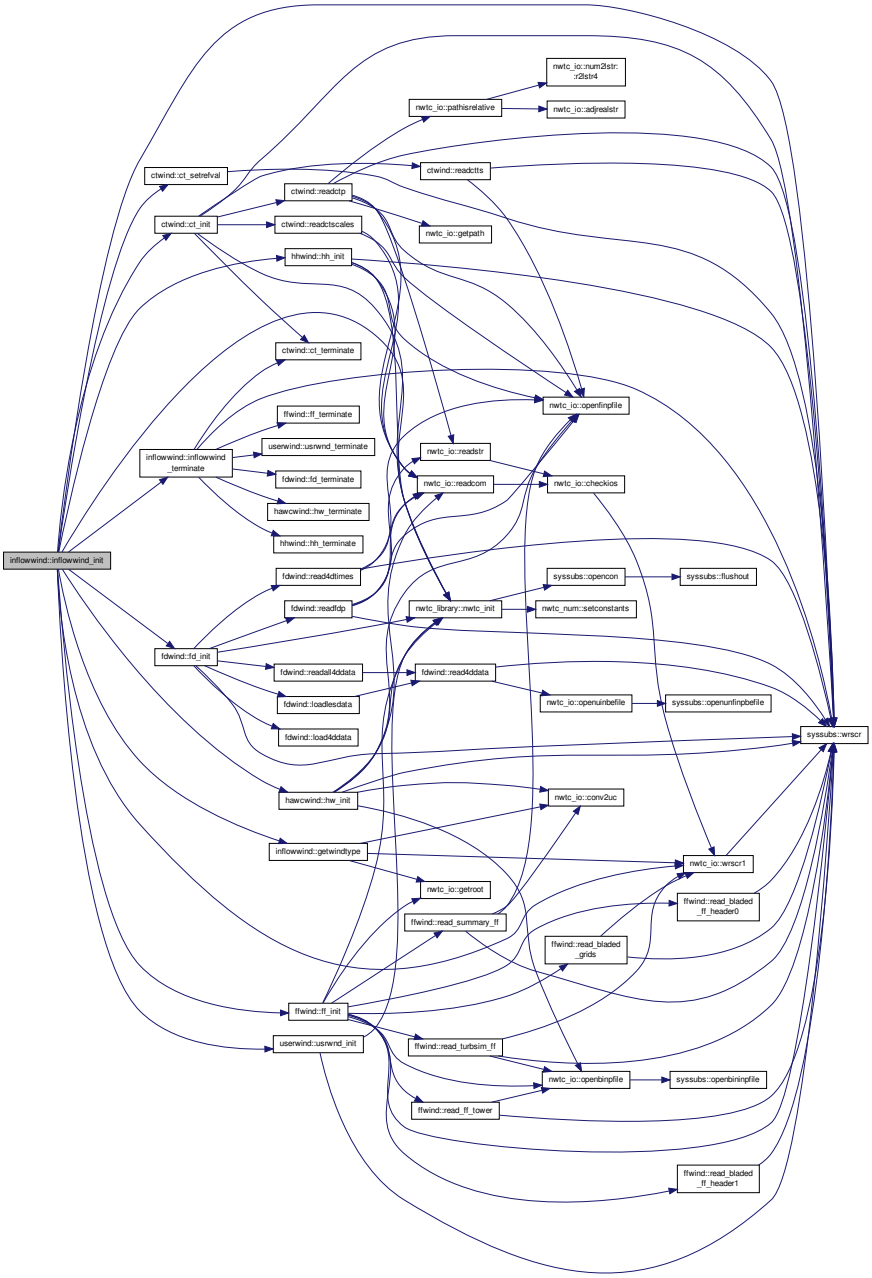
Here is the caller graph for this function:



3.21.2.9 subroutine, public inflowwind::inflowwind_init (type(inflinitinfo), intent(in) *FileInfo,* integer, intent(out) *ErrStat*)

Definition at line 69271 of file tempassembled.f90.

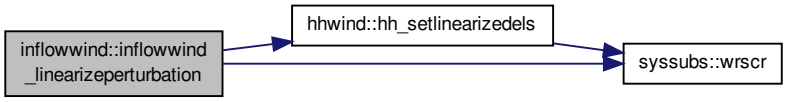
Here is the call graph for this function:



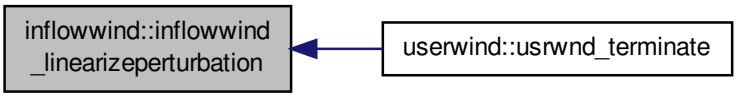
3.21.2.10 subroutine, public inflowwind::inflowwind_linearizeperturbation (real(reki), dimension(7), intent(in) *LinPerturbations,* integer, intent(out) *ErrStat*)

Definition at line 55023 of file tempassembled.f90.

Here is the call graph for this function:



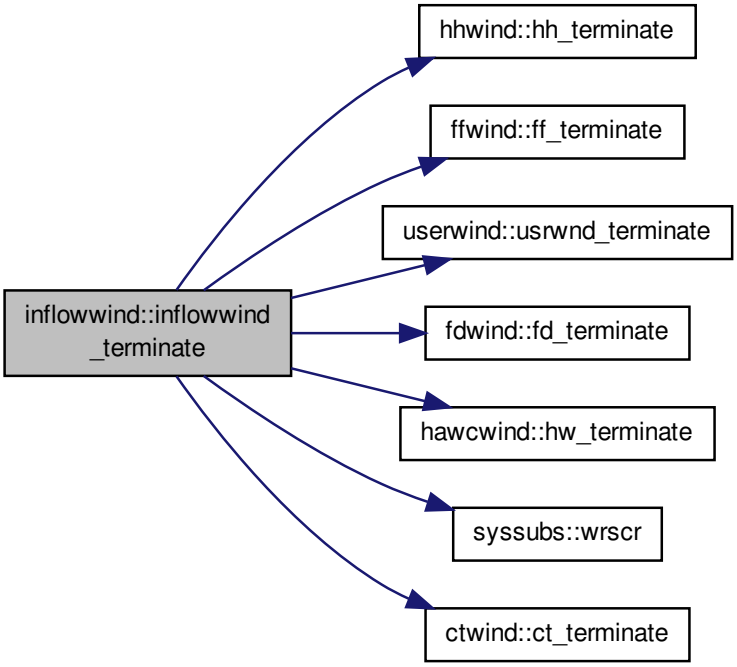
Here is the caller graph for this function:



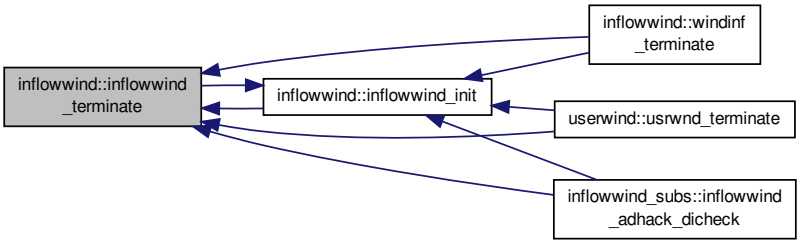
3.21.2.11 subroutine, public inflowwind::inflowwind_terminate (integer, intent(out) *ErrStat*)

Definition at line 55221 of file tempassembled.f90.

Here is the call graph for this function:



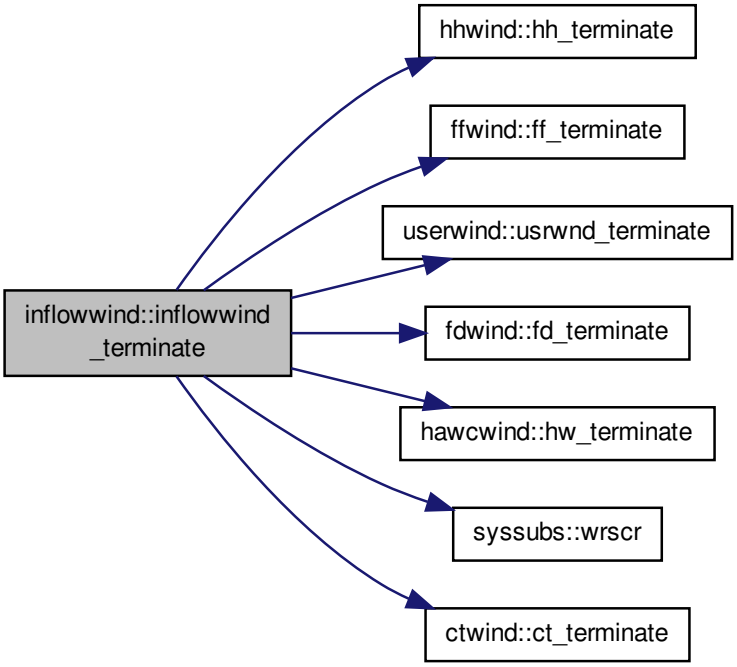
Here is the caller graph for this function:



3.21.2.12 subroutine, public inflowwind::inflowwind_terminate (integer, intent(out) *ErrStat*)

Definition at line 69404 of file tempassembled.f90.

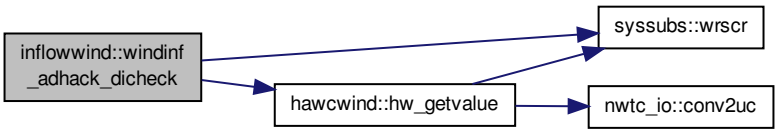
Here is the call graph for this function:



3.21.2.13 real(reki) function, public inflowwind::windinf_adhack_dicheck (integer, intent(out) *ErrStat*)

Definition at line 27413 of file tempassembled.f90.

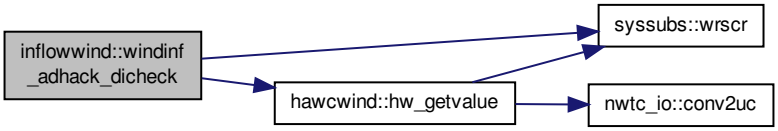
Here is the call graph for this function:



3.21.2.14 real(reki) function, public inflowwind::windinf_adhack_dicheck (integer, intent(out) *ErrStat*)

Definition at line 41283 of file tempassembled.f90.

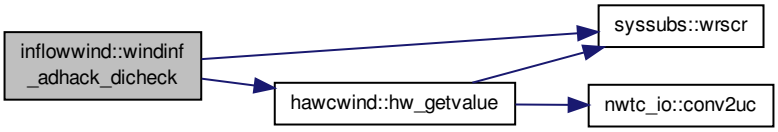
Here is the call graph for this function:



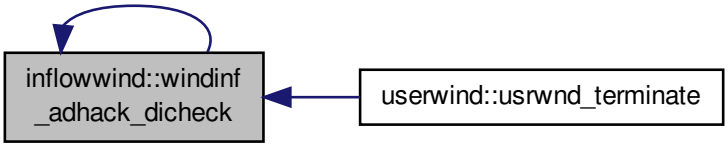
3.21.2.15 real(reki) function, public inflowwind::windinf_adhack_dicheck (integer, intent(out) *ErrStat*)

Definition at line 13543 of file tempassembled.f90.

Here is the call graph for this function:



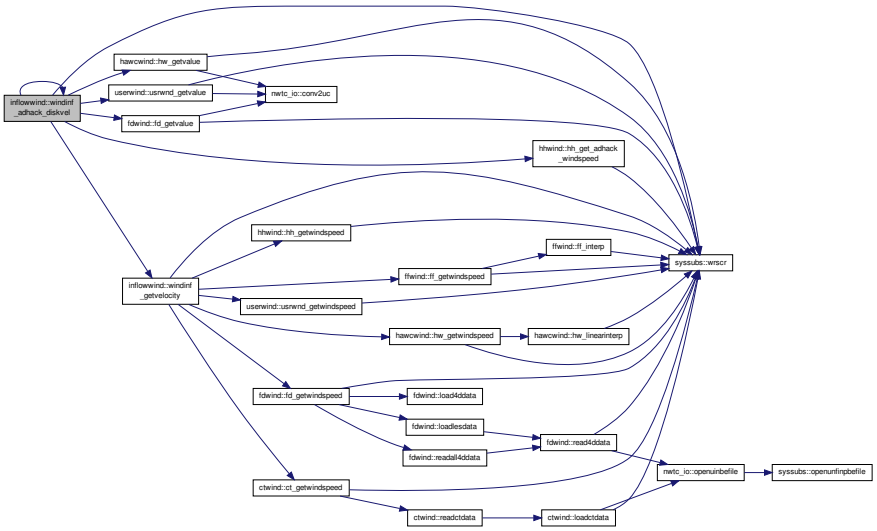
Here is the caller graph for this function:



3.21.2.16 real(reki) function, dimension(3), public inflowwind::windinf_adhack_diskvel (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InpPosition,* integer, intent(out) *ErrStat*)

Definition at line 41163 of file tempassembled.f90.

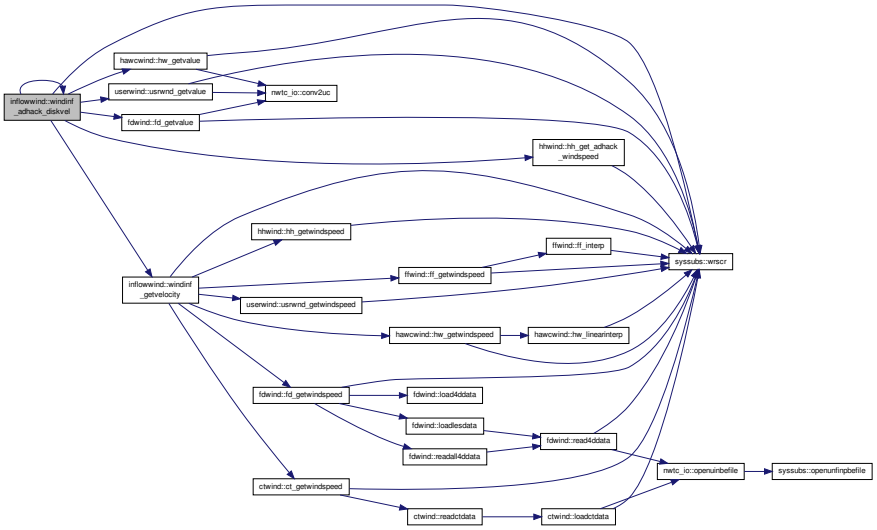
Here is the call graph for this function:



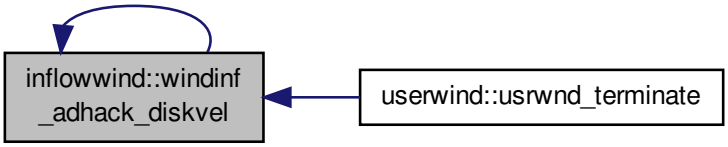
3.21.2.17 real(reki) function, dimension(3), public inflowwind::windinf_adhack_diskvel (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InpPosition,* integer, intent(out) *ErrStat*)

Definition at line 13423 of file tempassembled.f90.

Here is the call graph for this function:



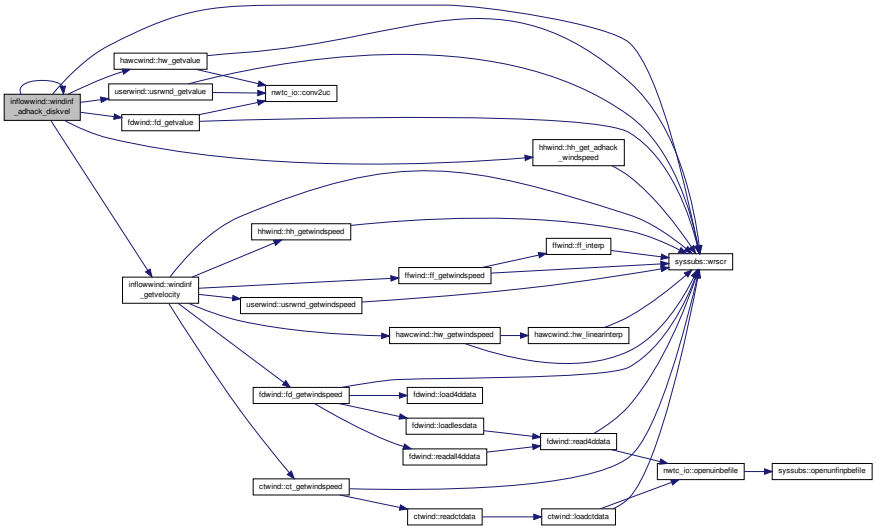
Here is the caller graph for this function:



3.21.2.18 real(reki) function, dimension(3), public inflowwind::windinf_adhack_diskvel (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InpPosition,* integer, intent(out) *ErrStat*)

Definition at line 27293 of file tempassembled.f90.

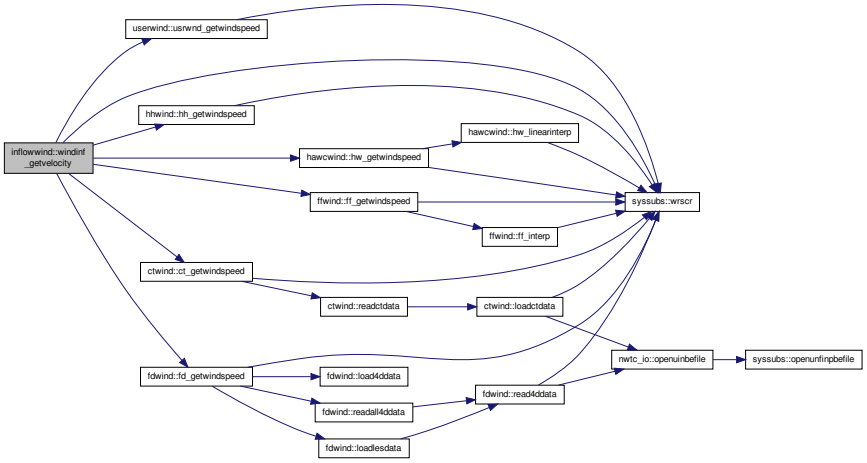
Here is the call graph for this function:



3.21.2.19 type(inflintrpout) function, public inflowwind::windinf_getvelocity (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 27080 of file tempassembled.f90.

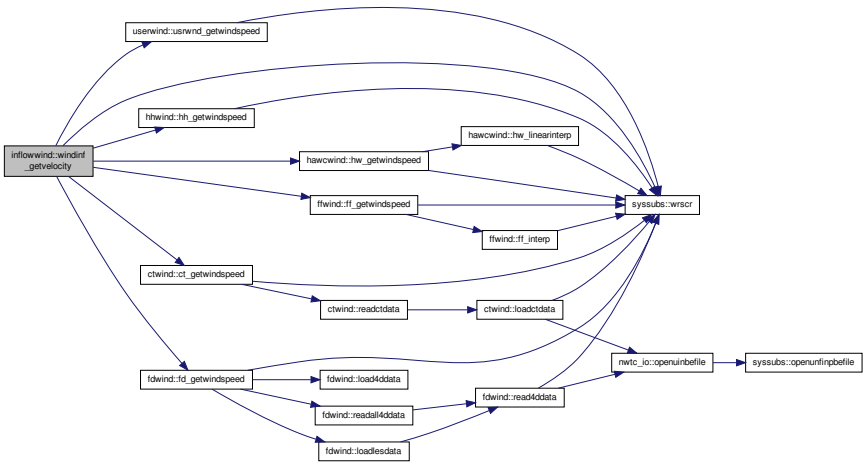
Here is the call graph for this function:



3.21.2.20 type(inflintrpout) function, public inflowwind::windinf_getvelocity (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 40950 of file tempassembled.f90.

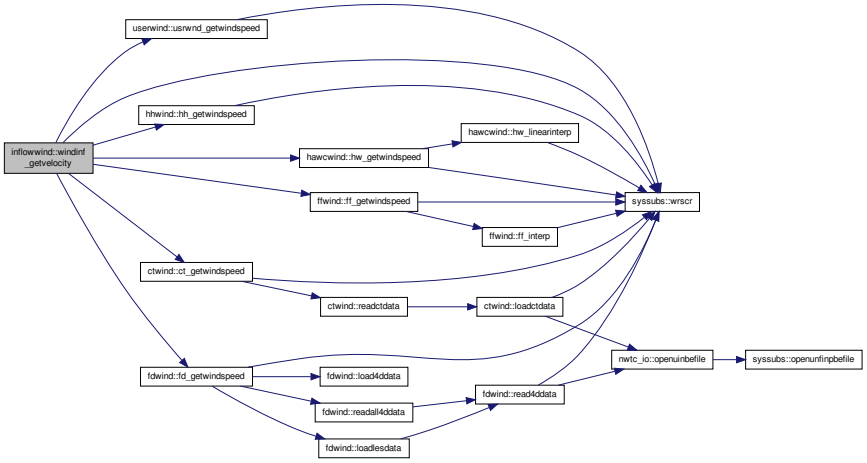
Here is the call graph for this function:



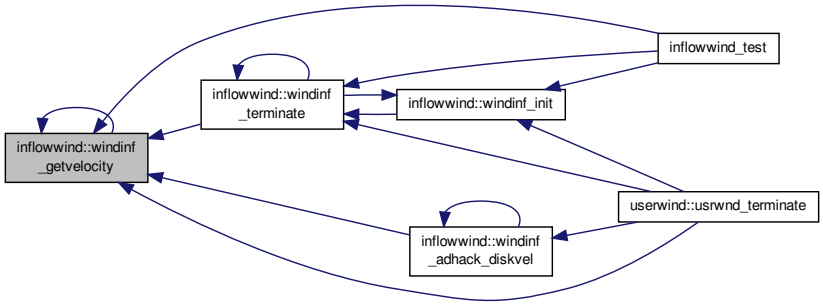
3.21.2.21 type(inflintrpout) function, public inflowwind::windinf_getvelocity (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 13210 of file tempassembled.f90.

Here is the call graph for this function:



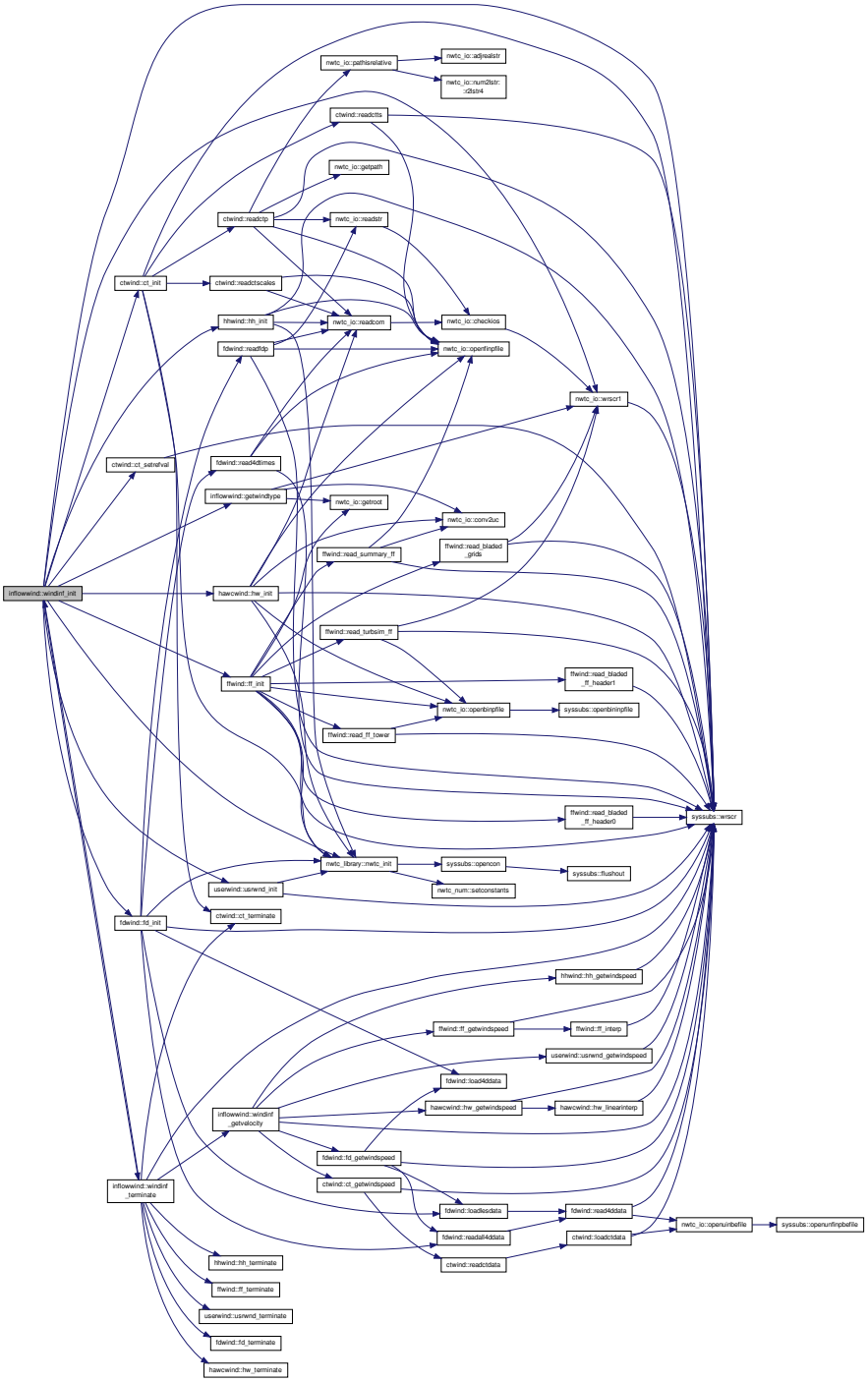
Here is the caller graph for this function:



3.21.2.22 subroutine, public inflowwind::windinf_init (type(inflinitinfo), intent(in) *FileInfo,* integer, intent(out) *ErrStat*)

Definition at line 26948 of file tempassembled.f90.

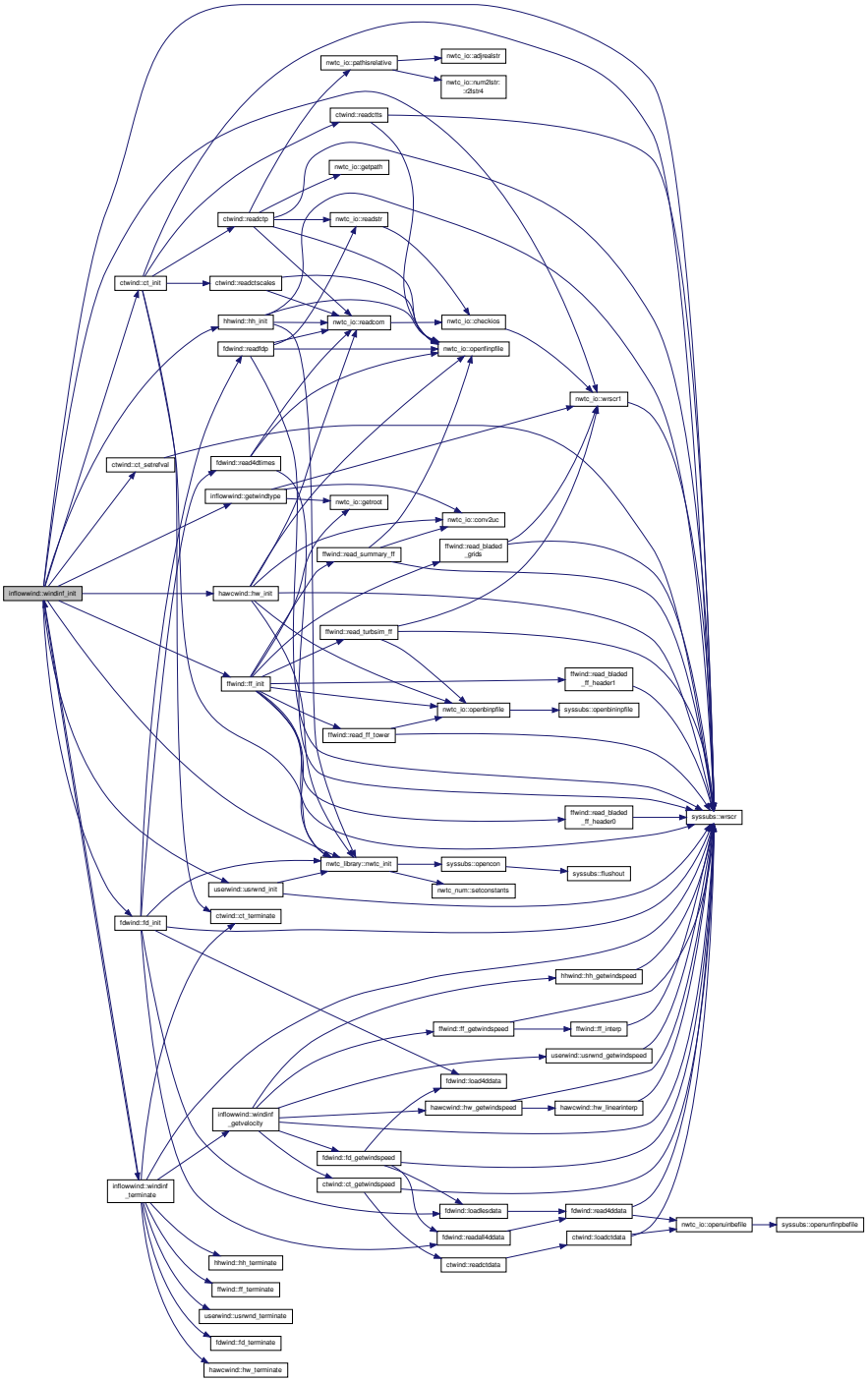
Here is the call graph for this function:



3.21.2.23 subroutine, public inflowwind::windinf_init (type(inflinitinfo), intent(in) *FileInfo,* integer, intent(out) *ErrStat*)

Definition at line 40818 of file tempassembled.f90.

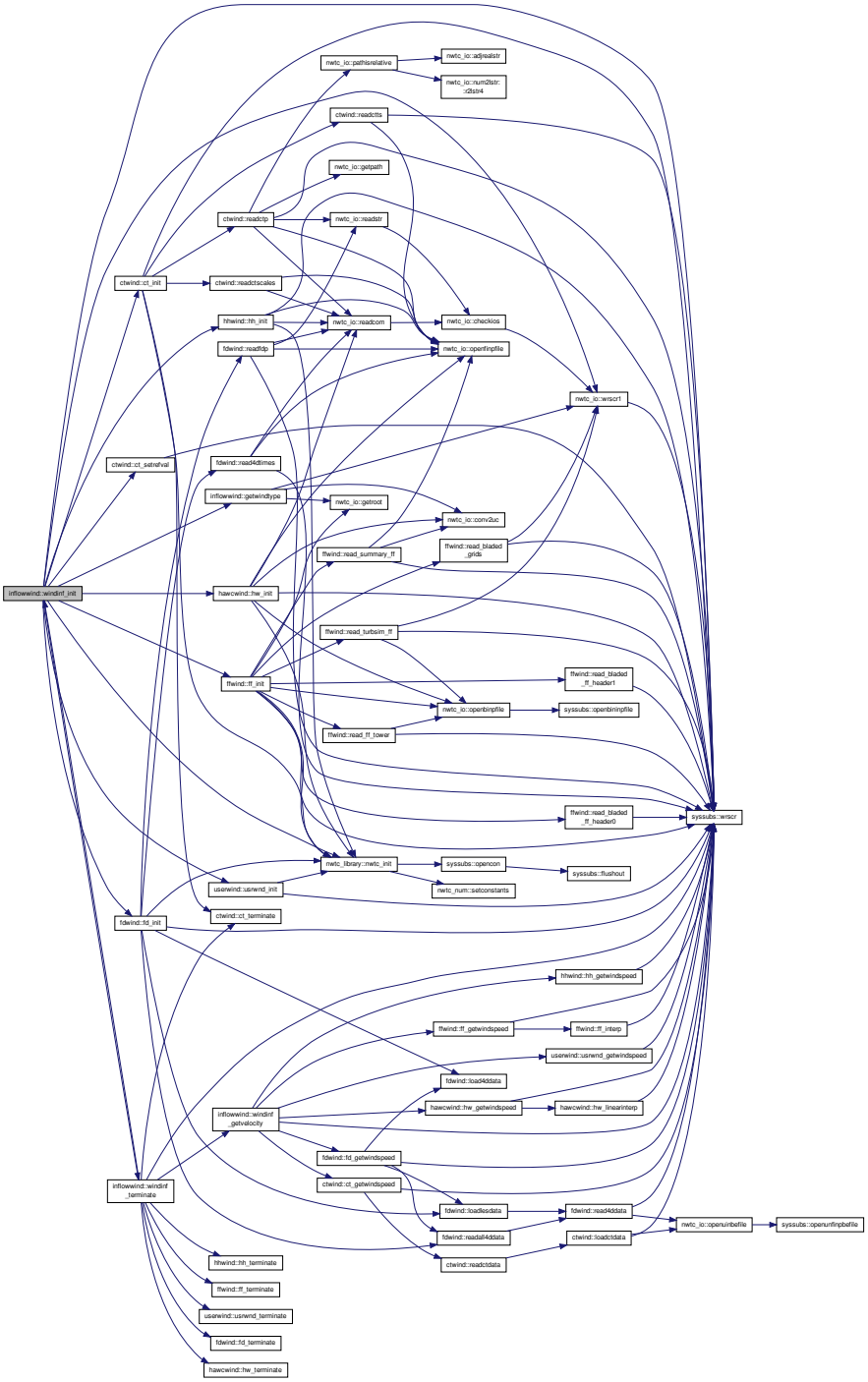
Here is the call graph for this function:



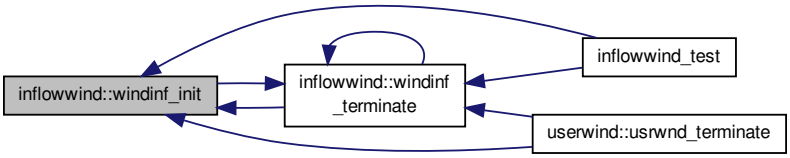
3.21.2.24 subroutine, public inflowwind::windinf_init (type(inflinitinfo), intent(in) *FileInfo,* integer, intent(out) *ErrStat*)

Definition at line 13078 of file tempassembled.f90.

Here is the call graph for this function:



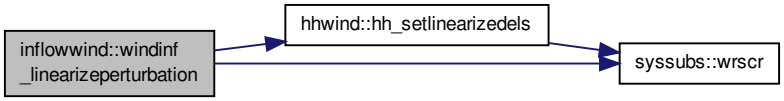
Here is the caller graph for this function:



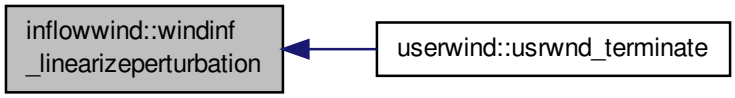
3.21.2.25 subroutine, public inflowwind::windinf_linearizeperturbation (real(reki), dimension(7), intent(in) *LinPerturbations,* integer, intent(out) *ErrStat*)

Definition at line 13388 of file tempassembled.f90.

Here is the call graph for this function:



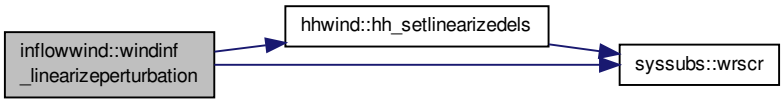
Here is the caller graph for this function:



3.21.2.26 subroutine, public inflowwind::windinf_linearizeperturbation (real(reki), dimension(7), intent(in) *LinPerturbations,* integer, intent(out) *ErrStat*)

Definition at line 41128 of file tempassembled.f90.

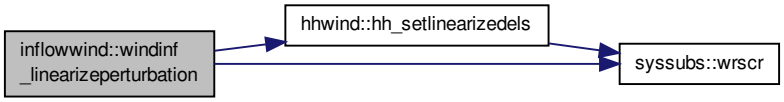
Here is the call graph for this function:



3.21.2.27 subroutine, public inflowwind::windinf_linearizeperturbation (real(reki), dimension(7), intent(in) *LinPerturbations,* integer, intent(out) *ErrStat*)

Definition at line 27258 of file tempassembled.f90.

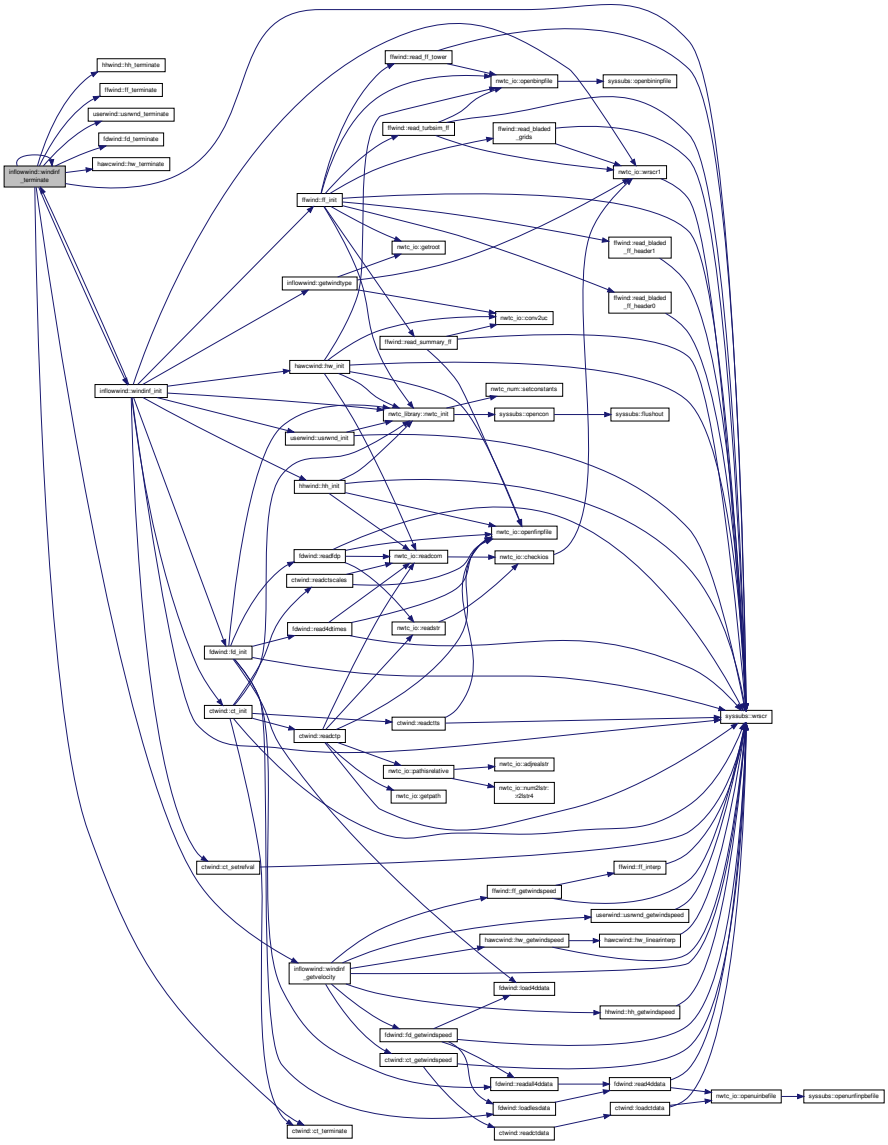
Here is the call graph for this function:



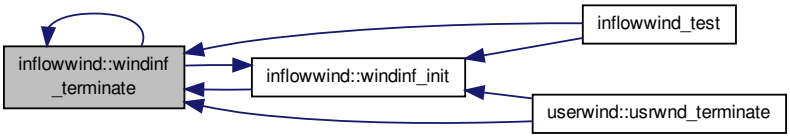
3.21.2.28 subroutine, public inflowwind::windinf_terminate (integer, intent(out) *ErrStat*)

Definition at line 13583 of file tempassembled.f90.

Here is the call graph for this function:



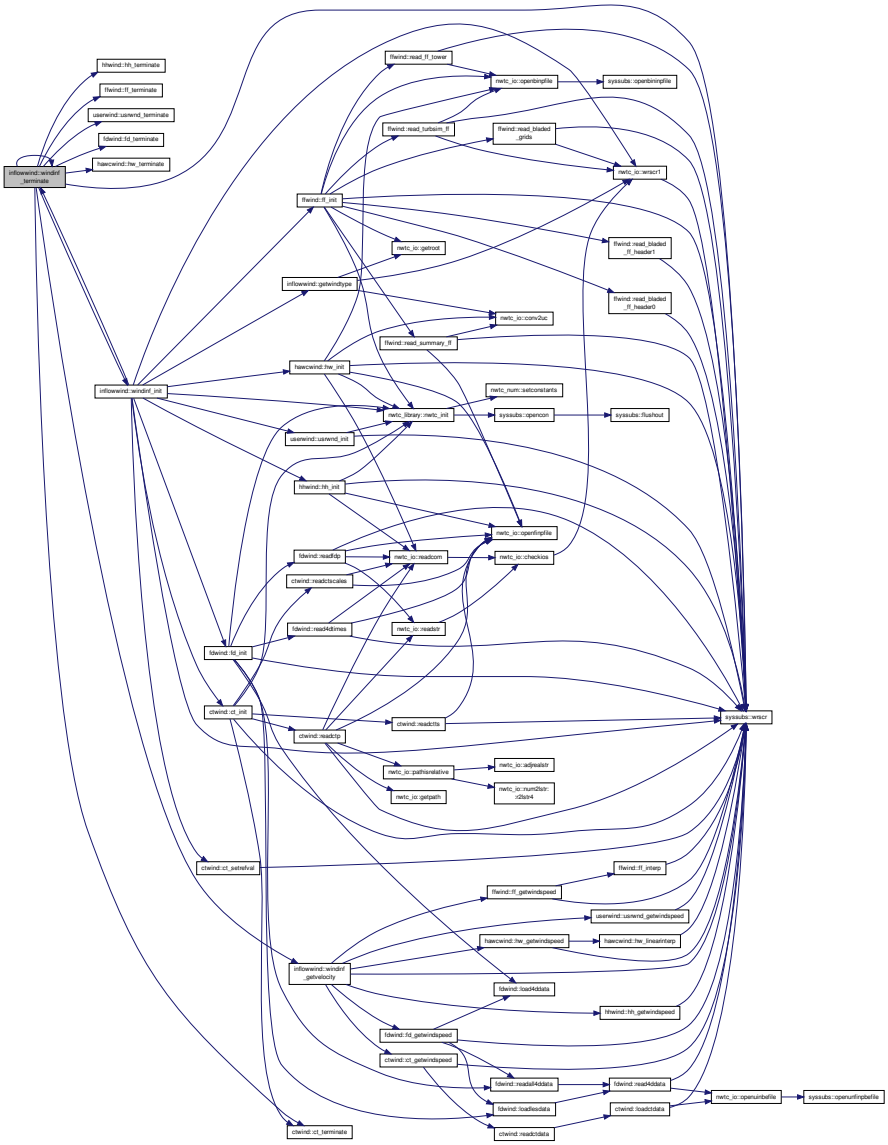
Here is the caller graph for this function:



3.21.2.29 subroutine, public inflowwind::windinf_terminate (integer, intent(out) *ErrStat*)

Definition at line 41323 of file tempassembled.f90.

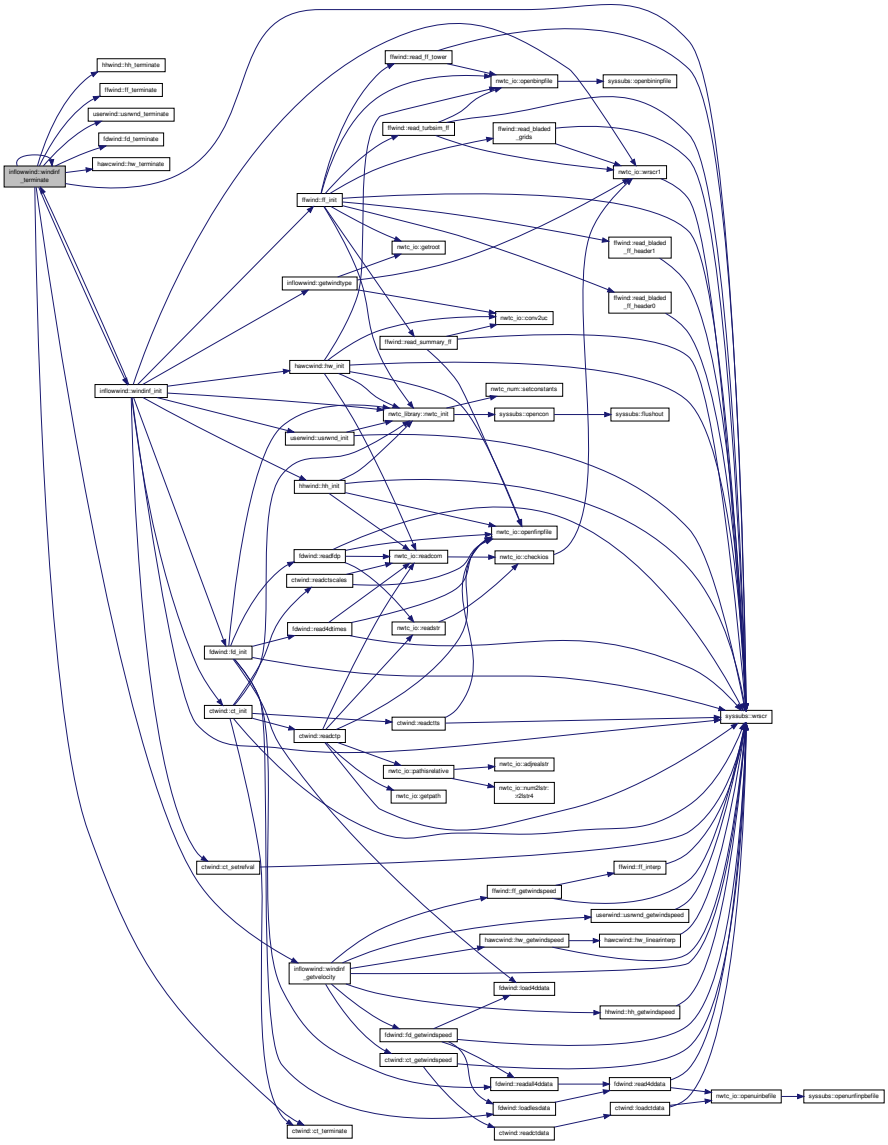
Here is the call graph for this function:



3.21.2.30 subroutine, public inflowwind::windinf_terminate (integer, intent(out) *ErrStat*)

Definition at line 27453 of file tempassembled.f90.

Here is the call graph for this function:



3.21.3 Member Data Documentation

3.21.3.1 logical save inflowwind::ct_flag = .FALSE. [private]

Definition at line 13049 of file tempassembled.f90.

3.21.3.2 character(99), parameter inflowwind::inflowwindver = 'InflowWind (v1.01.00b-bjj, 10-Aug-2012)'

Definition at line 54705 of file tempassembled.f90.

3.21.3.3 integer inflowwind::unwind = 91 [private]

Definition at line 13047 of file tempassembled.f90.

3.21.3.4 character(99), parameter inflowwind::windinfver = 'InflowWind (v1.01.00b-bjj, 10-Aug-2012)'

Definition at line 13074 of file tempassembled.f90.

3.21.3.5 integer save inflowwind::windtype = Undef_Wind [private]

Definition at line 13045 of file tempassembled.f90.

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

- tempassembled.f90

3.22 inflowwind_subs Module Reference

Public Member Functions

- type(inflintrpout) function inflowwind_getvelocity (Time, InputPosition, ErrStat)
- integer function getwindtype (FileName, ErrStat)
- subroutine inflowwind_linearizeperturbation (LinPerturbations, ErrStat)
- real(reki) function, dimension(3) inflowwind_adhack_diskvel (Time, InpPosition, ErrStat)
- real(reki) function inflowwind_adhack_dicheck (ErrStat)

3.22.1 Detailed Description

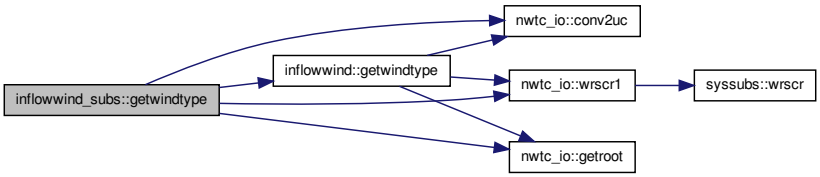
Definition at line 68537 of file tempassembled.f90.

3.22.2 Member Function/Subroutine Documentation

3.22.2.1 integer function inflowwind_subs::getwindtype (character(*), intent(inout) *FileName*, integer, intent(out) *ErrStat*)

Definition at line 68637 of file tempassembled.f90.

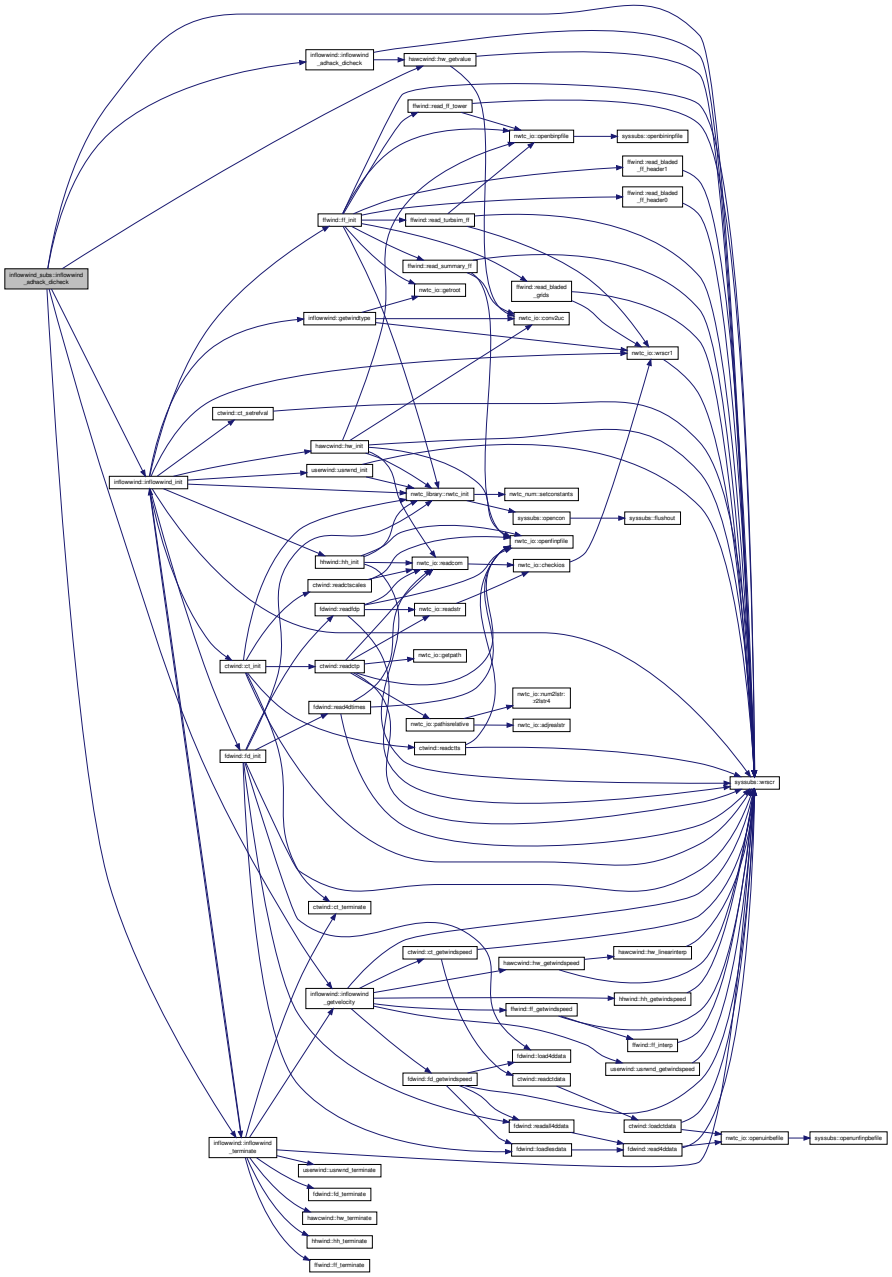
Here is the call graph for this function:



3.22.2.2 real(reki) function inflowwind_subs::inflowwind_adhack_dicheck (integer, intent(out) *ErrStat*)

Definition at line 68910 of file tempassembled.f90.

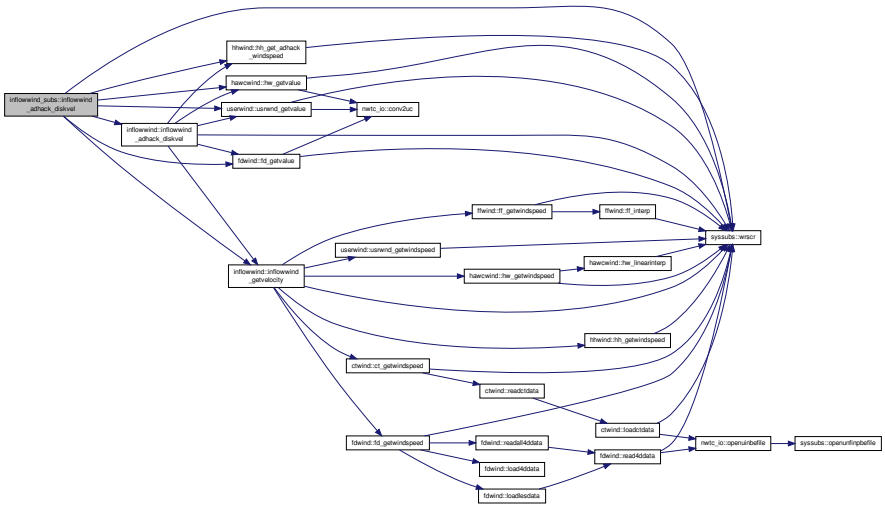
Here is the call graph for this function:



3.22.2.3 real(reki) function, dimension(3) inflowwind_subs::inflowwind_adhack_diskvel (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InpPosition,* integer, intent(out) *ErrStat*)

Definition at line 68789 of file tempassembled.f90.

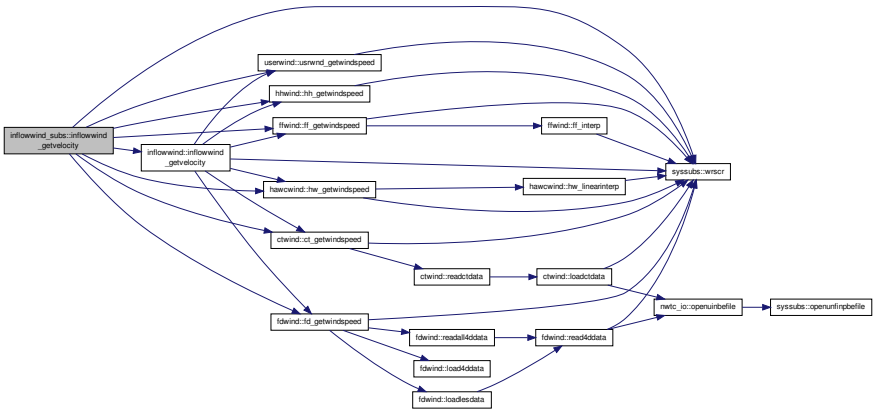
Here is the call graph for this function:



3.22.2.4 type(inflintrpout) function inflowwind_subs::inflowwind_getvelocity (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 68573 of file tempassembled.f90.

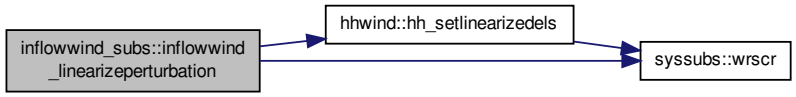
Here is the call graph for this function:



3.22.2.5 subroutine inflowwind_subs::inflowwind_linearizeperturbation (real(reki), dimension(7), intent(in) *LinPerturbations,* integer, intent(out) *ErrStat*)

Definition at line 68753 of file tempassembled.f90.

Here is the call graph for this function:



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

- tempassembled.f90

3.23 nwtc_num::interpbin Interface Reference

Public Member Functions

- complex(reki) function interpbincomp (XVal, XAry, YAry, ILo, AryLen)
- real(reki) function interpbinreal (XVal, XAry, YAry, ILo, AryLen)
- complex(reki) function interpbincomp (XVal, XAry, YAry, ILo, AryLen)
- real(reki) function interpbinreal (XVal, XAry, YAry, ILo, AryLen)
- complex(reki) function interpbincomp (XVal, XAry, YAry, ILo, AryLen)
- real(reki) function interpbinreal (XVal, XAry, YAry, ILo, AryLen)
- complex(reki) function interpbincomp (XVal, XAry, YAry, ILo, AryLen)
- real(reki) function interpbinreal (XVal, XAry, YAry, ILo, AryLen)
- complex(reki) function interpbincomp (XVal, XAry, YAry, ILo, AryLen)
- real(reki) function interpbinreal (XVal, XAry, YAry, ILo, AryLen)

3.23.1 Detailed Description

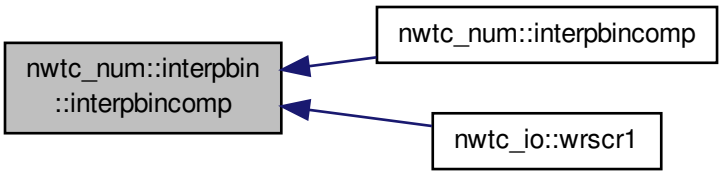
Definition at line 4507 of file tempassembled.f90.

3.23.2 Member Function/Subroutine Documentation

3.23.2.1 complex(reki) function nwtc_num::interpbin::interpbincomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 5046 of file tempassembled.f90.

Here is the caller graph for this function:



3.23.2.2 complex(reki) function nwtc_num::interpbin::interpbincomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 32786 of file tempassembled.f90.

3.23.2.3 complex(reki) function nwtc_num::interpbin::interpbincomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 60557 of file tempassembled.f90.

3.23.2.4 complex(reki) function nwtc_num::interpbin::interpbincomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 18916 of file tempassembled.f90.

3.23.2.5 complex(reki) function nwtc_num::interpbin::interpbincomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 46656 of file tempassembled.f90.

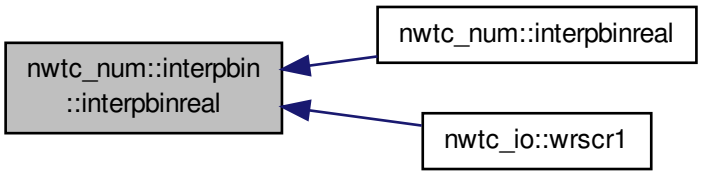
3.23.2.6 real(reki) function nwtc_num::interpbin::interpbinreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 32855 of file tempassembled.f90.

3.23.2.7 real(reki) function nwtc_num::interpbin::interpbinreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 5115 of file tempassembled.f90.

Here is the caller graph for this function:



3.23.2.8 real(reki) function nwtc_num::interpbin::interpbinreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 60626 of file tempassembled.f90.

3.23.2.9 real(reki) function nwtc_num::interpbin::interpbinreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 46725 of file tempassembled.f90.

3.23.2.10 real(reki) function nwtc_num::interpbin::interpbinreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 18985 of file tempassembled.f90.

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

- tempassembled.f90

3.24 nwtc_num::interpstp Interface Reference

Public Member Functions

- complex(reki) function interpstpcomp (XVal, XAry, YAry, Ind, AryLen)
- real(reki) function interpstpreal (XVal, XAry, YAry, Ind, AryLen)
- complex(reki) function interpstpcomp (XVal, XAry, YAry, Ind, AryLen)
- real(reki) function interpstpreal (XVal, XAry, YAry, Ind, AryLen)
- complex(reki) function interpstpcomp (XVal, XAry, YAry, Ind, AryLen)
- real(reki) function interpstpreal (XVal, XAry, YAry, Ind, AryLen)
- complex(reki) function interpstpcomp (XVal, XAry, YAry, Ind, AryLen)
- real(reki) function interpstpreal (XVal, XAry, YAry, Ind, AryLen)
- complex(reki) function interpstpcomp (XVal, XAry, YAry, Ind, AryLen)
- real(reki) function interpstpreal (XVal, XAry, YAry, Ind, AryLen)

3.24.1 Detailed Description

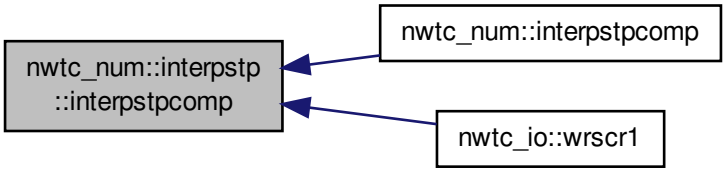
Definition at line 4515 of file tempassembled.f90.

3.24.2 Member Function/Subroutine Documentation

3.24.2.1 complex(reki) function nwtc_num::interpstp::interpstpcomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 5183 of file tempassembled.f90.

Here is the caller graph for this function:



3.24.2.2 complex(reki) function nwtc_num::interpstp::interpstpcomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 32923 of file tempassembled.f90.

3.24.2.3 complex(reki) function nwtc_num::interpstp::interpstpcomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 60694 of file tempassembled.f90.

3.24.2.4 complex(reki) function nwtc_num::interpstp::interpstpcomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 19053 of file tempassembled.f90.

3.24.2.5 complex(reki) function nwtc_num::interpstp::interpstpcomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 46793 of file tempassembled.f90.

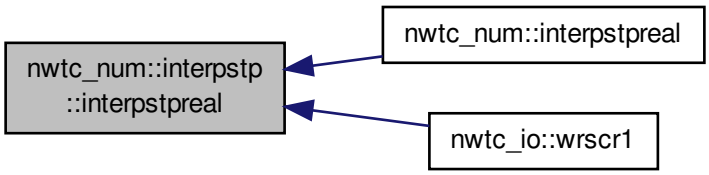
3.24.2.6 real(reki) function nwtc_num::interpstp::interpstpreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 32993 of file tempassembled.f90.

3.24.2.7 real(reki) function nwtc_num::interpstp::interpstpreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 5253 of file tempassembled.f90.

Here is the caller graph for this function:



3.24.2.8 real(reki) function nwtc_num::interpstp::interpstpreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 60764 of file tempassembled.f90.

3.24.2.9 real(reki) function nwtc_num::interpstp::interpstpreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 46863 of file tempassembled.f90.

3.24.2.10 real(reki) function nwtc_num::interpstp::interpstpreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 19123 of file tempassembled.f90.

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

- tempassembled.f90

3.25 modmesh::meshtype Type Reference

Collaboration diagram for modmesh::meshtype:

Public Attributes

- logical committed

- integer(intki) ios
- integer(intki) remapflag
- integer(intki) nnodes
- integer(intki) nelements
- integer(intki) npoint
- integer(intki) nline2
- integer(intki) nline3
- integer(intki) ntri3
- integer(intki) ntri6
- integer(intki) nquad4
- integer(intki) nquad8
- integer(intki) ntet4
- integer(intki) ntet10
- integer(intki) nhex8
- integer(intki) nhex20
- integer(intki) nwedge6
- integer(intki) nwedge15
- integer(intki), dimension(:), pointer element_point
- integer(intki), dimension(:,:), pointer element_line2
- integer(intki), dimension(:,:), pointer element_line3
- integer(intki), dimension(:,:), pointer element_tri3
- integer(intki), dimension(:,:), pointer element_tri6
- integer(intki), dimension(:,:), pointer element_quad4
- integer(intki), dimension(:,:), pointer element_quad8
- integer(intki), dimension(:,:), pointer element_tet4
- integer(intki), dimension(:,:), pointer element_tet10
- integer(intki), dimension(:,:), pointer element_hex8
- integer(intki), dimension(:,:), pointer element_hex20
- integer(intki), dimension(:,:), pointer element_wedge6
- integer(intki), dimension(:,:), pointer element_wedge15
- real(reki), dimension(:,:), pointer position
- real(reki), dimension(:,:), pointer force
- real(reki), dimension(:,:), pointer moment
- real(reki), dimension(:,:,:), pointer orientation
- real(reki), dimension(:,:), pointer rotation
- real(reki), dimension(:,:), pointer translation
- real(reki), dimension(:,:,:), pointer addedmass

- real(reki), dimension(:,:), pointer scalars
- type(meshtype), pointer youngersibling
- type(meshtype), pointer eldersibling

3.25.1 Detailed Description

Definition at line 5904 of file tempassembled.f90.

3.25.2 Member Data Documentation

3.25.2.1 real(reki), dimension(:,:,:), pointer modmesh::meshtype::addedmass

Definition at line 5943 of file tempassembled.f90.

3.25.2.2 logical modmesh::meshtype::committed

Definition at line 5905 of file tempassembled.f90.

3.25.2.3 type(meshtype), pointer modmesh::meshtype::eldersibling

Definition at line 5946 of file tempassembled.f90.

3.25.2.4 integer(intki), dimension(:,:), pointer modmesh::meshtype::element_hex20

Definition at line 5934 of file tempassembled.f90.

3.25.2.5 integer(intki), dimension(:,:), pointer modmesh::meshtype::element_hex8

Definition at line 5933 of file tempassembled.f90.

3.25.2.6 integer(intki), dimension(:,:), pointer modmesh::meshtype::element_line2

Definition at line 5925 of file tempassembled.f90.

3.25.2.7 integer(intki), dimension(:,:), pointer modmesh::meshtype::element_line3

Definition at line 5926 of file tempassembled.f90.

3.25.2.8 integer(intki), dimension(:), pointer modmesh::meshtype::element_point

Definition at line 5924 of file tempassembled.f90.

3.25.2.9 integer(intki), dimension(:,:), pointer modmesh::meshtype::element_quad4

Definition at line 5929 of file tempassembled.f90.

3.25.2.10 integer(intki), dimension(:,:), pointer modmesh::meshtype::element_quad8

Definition at line 5930 of file tempassembled.f90.

3.25.2.11 integer(intki), dimension(:,:), pointer modmesh::meshtype::element_tet10

Definition at line 5932 of file tempassembled.f90.

3.25.2.12 integer(intki), dimension(:,:), pointer modmesh::meshtype::element_tet4

Definition at line 5931 of file tempassembled.f90.

3.25.2.13 integer(intki), dimension(:,:), pointer modmesh::meshtype::element_tri3

Definition at line 5927 of file tempassembled.f90.

3.25.2.14 integer(intki), dimension(:,:), pointer modmesh::meshtype::element_tri6

Definition at line 5928 of file tempassembled.f90.

3.25.2.15 integer(intki), dimension(:,:), pointer modmesh::meshtype::element_wedge15

Definition at line 5936 of file tempassembled.f90.

3.25.2.16 integer(intki), dimension(:,:), pointer modmesh::meshtype::element_wedge6

Definition at line 5935 of file tempassembled.f90.

3.25.2.17 real(reki), dimension(:,:), pointer modmesh::meshtype::force

Definition at line 5938 of file tempassembled.f90.

3.25.2.18 integer(intki) modmesh::meshtype::ios

Definition at line 5906 of file tempassembled.f90.

3.25.2.19 real(reki), dimension(:,:), pointer modmesh::meshtype::moment

Definition at line 5939 of file tempassembled.f90.

3.25.2.20 integer(intki) modmesh::meshtype::nelements

Definition at line 5910 of file tempassembled.f90.

3.25.2.21 integer(intki) modmesh::meshtype::nhex20

Definition at line 5921 of file tempassembled.f90.

3.25.2.22 integer(intki) modmesh::meshtype::nhex8

Definition at line 5920 of file tempassembled.f90.

3.25.2.23 integer(intki) modmesh::meshtype::nline2

Definition at line 5912 of file tempassembled.f90.

3.25.2.24 integer(intki) modmesh::meshtype::nline3

Definition at line 5913 of file tempassembled.f90.

3.25.2.25 integer(intki) modmesh::meshtype::nnodes

Definition at line 5909 of file tempassembled.f90.

3.25.2.26 integer(intki) modmesh::meshtype::npoint

Definition at line 5911 of file tempassembled.f90.

3.25.2.27 integer(intki) modmesh::meshtype::nquad4

Definition at line 5916 of file tempassembled.f90.

3.25.2.28 integer(intki) modmesh::meshtype::nquad8

Definition at line 5917 of file tempassembled.f90.

3.25.2.29 integer(intki) modmesh::meshtype::ntet10

Definition at line 5919 of file tempassembled.f90.

3.25.2.30 integer(intki) modmesh::meshtype::ntet4

Definition at line 5918 of file tempassembled.f90.

3.25.2.31 integer(intki) modmesh::meshtype::ntri3

Definition at line 5914 of file tempassembled.f90.

3.25.2.32 integer(intki) modmesh::meshtype::ntri6

Definition at line 5915 of file tempassembled.f90.

3.25.2.33 integer(intki) modmesh::meshtype::nwedge15

Definition at line 5923 of file tempassembled.f90.

3.25.2.34 integer(intki) modmesh::meshtype::nwedge6

Definition at line 5922 of file tempassembled.f90.

3.25.2.35 real(reki), dimension(:,:,:), pointer modmesh::meshtype::orientation

Definition at line 5940 of file tempassembled.f90.

3.25.2.36 real(reki), dimension(:,:), pointer modmesh::meshtype::position

Definition at line 5937 of file tempassembled.f90.

3.25.2.37 integer(intki) modmesh::meshtype::remapflag

Definition at line 5907 of file tempassembled.f90.

3.25.2.38 real(reki), dimension(:,:), pointer modmesh::meshtype::rotation

Definition at line 5941 of file tempassembled.f90.

3.25.2.39 real(reki), dimension(:,:), pointer modmesh::meshtype::scalars

Definition at line 5944 of file tempassembled.f90.

3.25.2.40 real(reki), dimension(:,:), pointer modmesh::meshtype::translation

Definition at line 5942 of file tempassembled.f90.

3.25.2.41 type(meshtype), pointer modmesh::meshtype::youngersibling

Definition at line 5945 of file tempassembled.f90.

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

- tempassembled.f90

3.26 modmesh Module Reference

Data Types

- type meshtype

Public Attributes

- integer(intki), parameter mesh_newcopy = 1
- integer(intki), parameter mesh_sibling = 2
- integer(intki), parameter mesh_updatecopy = 3

3.26.1 Detailed Description

Definition at line 5890 of file tempassembled.f90.

3.26.2 Member Data Documentation

3.26.2.1 integer(intki), parameter modmesh::mesh_newcopy = 1

Definition at line 5899 of file tempassembled.f90.

3.26.2.2 integer(intki), parameter modmesh::mesh_sibling = 2

Definition at line 5900 of file tempassembled.f90.

3.26.2.3 integer(intki), parameter modmesh::mesh_updatecopy = 3

Definition at line 5901 of file tempassembled.f90.

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

- tempassembled.f90

3.27 nwtc_io::num2lstr Interface Reference

Public Member Functions

- character(11) function int2lstr (Intgr)
- r2lstr4

- character(15) function r2lstr8 (FltNum)
- character(15) function r2lstr16 (FltNum)
- character(11) function int2lstr (Intgr)
- r2lstr4
- character(15) function r2lstr8 (FltNum)
- character(15) function r2lstr16 (FltNum)
- character(11) function int2lstr (Intgr)
- r2lstr4
- character(15) function r2lstr8 (FltNum)
- character(15) function r2lstr16 (FltNum)
- character(11) function int2lstr (Intgr)
- r2lstr4
- character(15) function r2lstr8 (FltNum)
- character(15) function r2lstr16 (FltNum)
- character(11) function int2lstr (Intgr)
- r2lstr4
- character(15) function r2lstr8 (FltNum)
- character(15) function r2lstr16 (FltNum)

3.27.1 Detailed Description

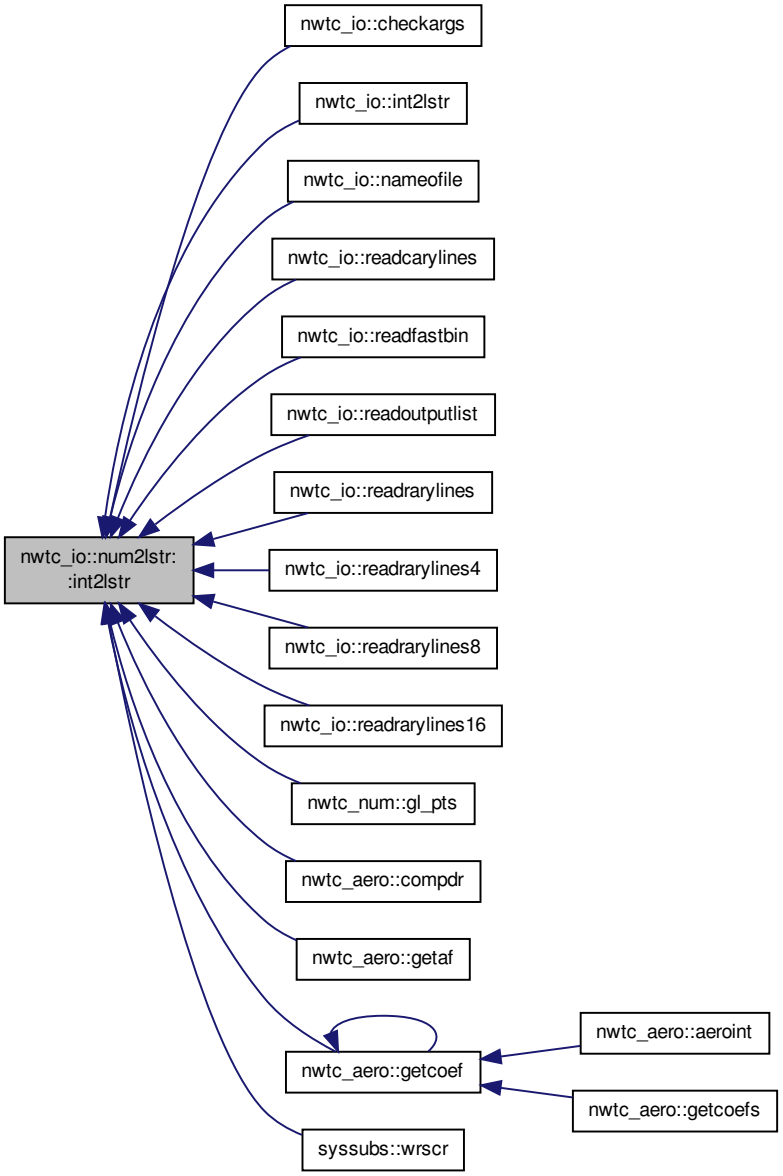
Definition at line 1097 of file tempassembled.f90.

3.27.2 Member Function/Subroutine Documentation

3.27.2.1 character(11) function nwtc_io::num2lstr::int2lstr (integer, intent(in) *Intgr*)

Definition at line 2296 of file tempassembled.f90.

Here is the caller graph for this function:



3.27.2.2 character(11) function nwtc_io::num2lstr::int2lstr (integer, intent(in) *Intgr*)

Definition at line 16166 of file tempassembled.f90.

3.27.2.3 character(11) function nwtc_io::num2lstr::int2lstr (integer, intent(in) *Intgr*)

Definition at line 30036 of file tempassembled.f90.

3.27.2.4 character(11) function nwtc_io::num2lstr::int2lstr (integer, intent(in) *Intgr*)

Definition at line 57807 of file tempassembled.f90.

3.27.2.5 character(11) function nwtc_io::num2lstr::int2lstr (integer, intent(in) *Intgr*)

Definition at line 43906 of file tempassembled.f90.

3.27.2.6 character(15) function nwtc_io::num2lstr::r2lstr16 (real(quki), intent(in) *FltNum*)

Definition at line 44573 of file tempassembled.f90.

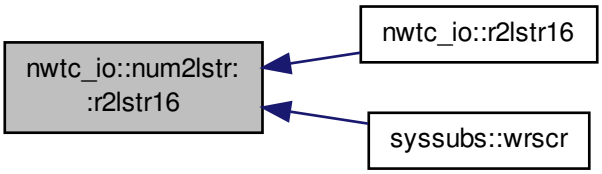
3.27.2.7 character(15) function nwtc_io::num2lstr::r2lstr16 (real(quki), intent(in) *FltNum*)

Definition at line 16833 of file tempassembled.f90.

3.27.2.8 character(15) function nwtc_io::num2lstr::r2lstr16 (real(quki), intent(in) *FltNum*)

Definition at line 2963 of file tempassembled.f90.

Here is the caller graph for this function:



3.27.2.9 character(15) function nwtc_io::num2lstr::r2lstr16 (real(quki), intent(in) *FltNum*)

Definition at line 58474 of file tempassembled.f90.

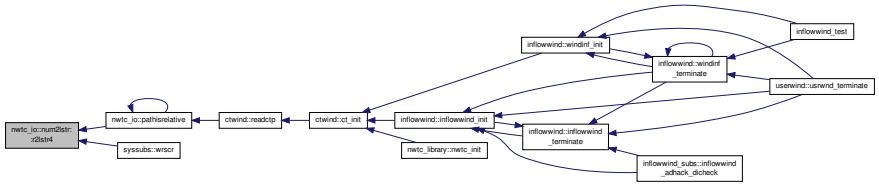
3.27.2.10 character(15) function nwtc_io::num2lstr::r2lstr16 (real(quki), intent(in) *FltNum*)

Definition at line 30703 of file tempassembled.f90.

3.27.2.11 nwtc_io::num2lstr::r2lstr4 ( )

3.27.2.12 nwtc_io::num2lstr::r2lstr4 ( )

Here is the caller graph for this function:



3.27.2.13 nwtc_io::num2lstr::r2lstr4 ( )

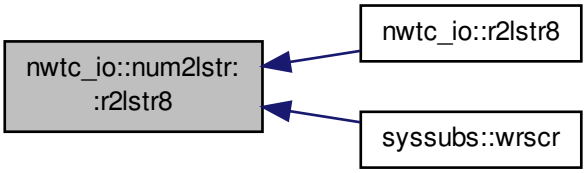
3.27.2.14 nwtc_io::num2lstr::r2lstr4 ( )

3.27.2.15 nwtc_io::num2lstr::r2lstr4 ( )

3.27.2.16 character(15) function nwtc_io::num2lstr::r2lstr8 (real(r8ki), intent(in) *FltNum*)

Definition at line 2928 of file tempassembled.f90.

Here is the caller graph for this function:



3.27.2.17 character(15) function nwtc_io::num2lstr::r2lstr8 (real(r8ki), intent(in) *FltNum*)

Definition at line 16798 of file tempassembled.f90.

3.27.2.18 character(15) function nwtc_io::num2lstr::r2lstr8 (real(r8ki), intent(in) *FltNum*)

Definition at line 44538 of file tempassembled.f90.

3.27.2.19 character(15) function nwtc_io::num2lstr::r2lstr8 (real(r8ki), intent(in) *FltNum*)

Definition at line 58439 of file tempassembled.f90.

3.27.2.20 character(15) function nwtc_io::num2lstr::r2lstr8 (real(r8ki), intent(in) *FltNum*)

Definition at line 30668 of file tempassembled.f90.

The documentation for this interface was generated from the following files:

- tempassembled.f90

3.28 nwtc_aero Module Reference

Data Types

- type aerodata
- type aerotable
- type alfindx
- type elmtable

Public Member Functions

- subroutine aeroint (ISeg, Alpha, Re, AF_Table, IntData, DoCl, DoCd, DoCm, DoCpmin, ErrStat)
- subroutine compdr (NumSeg, RLoc, HubRad, RotorRad, DimenInp, DelRLoc, ErrStat)
- subroutine getaf (AF_File, AF_Table, ISeg)
- real(reki) function getcoef (ISeg, Alpha, AlfaTab, CoefTab, NumRows, Ind, ErrStat)
- subroutine getcoefs (ISeg, Alpha, Re, AF_Table, ClInt, CdInt, CmInt, CpminInt, DoCl, DoCd, DoCm, DoCpmin, ErrStat)
- subroutine aeroint (ISeg, Alpha, Re, AF_Table, IntData, DoCl, DoCd, DoCm, DoCpmin, ErrStat)
- subroutine compdr (NumSeg, RLoc, HubRad, RotorRad, DimenInp, DelRLoc, ErrStat)
- subroutine getaf (AF_File, AF_Table, ISeg)
- real(reki) function getcoef (ISeg, Alpha, AlfaTab, CoefTab, NumRows, Ind, ErrStat)
- subroutine getcoefs (ISeg, Alpha, Re, AF_Table, ClInt, CdInt, CmInt, CpminInt, DoCl, DoCd, DoCm, DoCpmin, ErrStat)
- subroutine aeroint (ISeg, Alpha, Re, AF_Table, IntData, DoCl, DoCd, DoCm, DoCpmin, ErrStat)
- subroutine compdr (NumSeg, RLoc, HubRad, RotorRad, DimenInp, DelRLoc, ErrStat)
- subroutine getaf (AF_File, AF_Table, ISeg)
- real(reki) function getcoef (ISeg, Alpha, AlfaTab, CoefTab, NumRows, Ind, ErrStat)
- subroutine getcoefs (ISeg, Alpha, Re, AF_Table, ClInt, CdInt, CmInt, CpminInt, DoCl, DoCd, DoCm, DoCpmin, ErrStat)
- subroutine aeroint (ISeg, Alpha, Re, AF_Table, IntData, DoCl, DoCd, DoCm, DoCpmin, ErrStat)
- subroutine compdr (NumSeg, RLoc, HubRad, RotorRad, DimenInp, DelRLoc, ErrStat)
- subroutine getaf (AF_File, AF_Table, ISeg)
- real(reki) function getcoef (ISeg, Alpha, AlfaTab, CoefTab, NumRows, Ind, ErrStat)
- subroutine getcoefs (ISeg, Alpha, Re, AF_Table, ClInt, CdInt, CmInt, CpminInt, DoCl, DoCd, DoCm, DoCpmin, ErrStat)

Public Attributes

- logical usecm = .FALSE.
- logical usecpmin = .FALSE.

3.28.1 Detailed Description

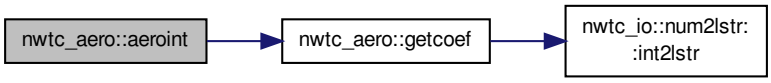
Definition at line 5951 of file tempassembled.f90.

3.28.2 Member Function/Subroutine Documentation

3.28.2.1 subroutine nwtc_aero::aeroint (integer, intent(in) *ISeg,* real(reki), intent(in) *AIpha,* real(reki), intent(in) *Re,* type (**elmtable**), intent(inout) *AF_Table,* type (**aerodata**), intent(out) *IntData,* logical, intent(in) *DoCl,* logical, intent(in) *DoCd,* logical, intent(in) *DoCm,* logical, intent(in) *DoCpmin,* integer, intent(out), optional *ErrStat*)

Definition at line 6032 of file tempassembled.f90.

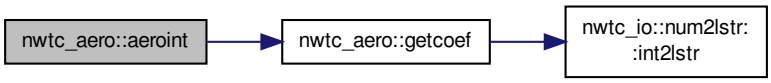
Here is the call graph for this function:



3.28.2.2 subroutine nwtc_aero::aeroint (integer, intent(in) *ISeg,* real(reki), intent(in) *AIpha,* real(reki), intent(in) *Re,* type (**elmtable**), intent(inout) *AF_Table,* type (**aerodata**), intent(out) *IntData,* logical, intent(in) *DoCl,* logical, intent(in) *DoCd,* logical, intent(in) *DoCm,* logical, intent(in) *DoCpmin,* integer, intent(out), optional *ErrStat*)

Definition at line 33772 of file tempassembled.f90.

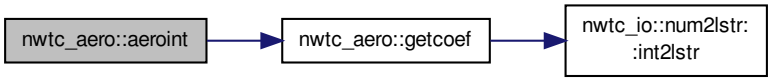
Here is the call graph for this function:



3.28.2.3 subroutine nwtc_aero::aeroint (integer, intent(in) *ISeg,* real(reki), intent(in) *AIpha,* real(reki), intent(in) *Re,* type (**elmtable**), intent(inout) *AF_Table,* type (**aerodata**), intent(out) *IntData,* logical, intent(in) *DoCl,* logical, intent(in) *DoCd,* logical, intent(in) *DoCm,* logical, intent(in) *DoCpmin,* integer, intent(out), optional *ErrStat*)

Definition at line 47642 of file tempassembled.f90.

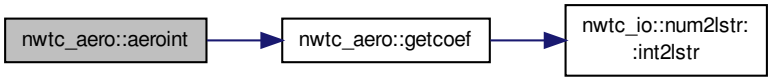
Here is the call graph for this function:



3.28.2.4 subroutine nwtc_aero::aeroint (integer, intent(in) *ISeg,* real(reki), intent(in) *Alpha,* real(reki), intent(in) *Re,* type (**elmtable**), intent(inout) *AF_Table,* type (**aerodata**), intent(out) *IntData,* logical, intent(in) *DoCl,* logical, intent(in) *DoCd,* logical, intent(in) *DoCm,* logical, intent(in) *DoCpmin,* integer, intent(out), optional *ErrStat*)

Definition at line 61543 of file tempassembled.f90.

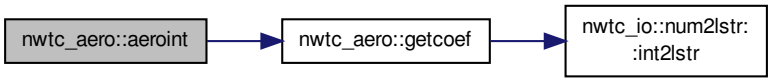
Here is the call graph for this function:



3.28.2.5 subroutine nwtc_aero::aeroint (integer, intent(in) *ISeg,* real(reki), intent(in) *Alpha,* real(reki), intent(in) *Re,* type (**elmtable**), intent(inout) *AF_Table,* type (**aerodata**), intent(out) *IntData,* logical, intent(in) *DoCl,* logical, intent(in) *DoCd,* logical, intent(in) *DoCm,* logical, intent(in) *DoCpmin,* integer, intent(out), optional *ErrStat*)

Definition at line 19902 of file tempassembled.f90.

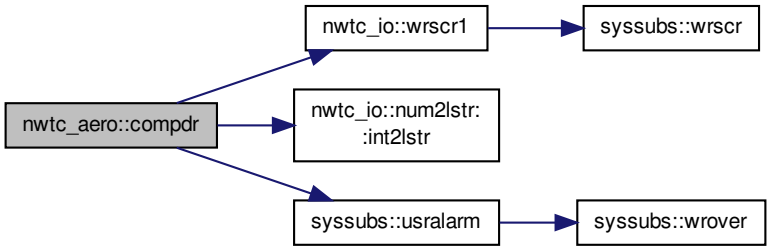
Here is the call graph for this function:



3.28.2.6 subroutine nwtc_aero::compdr (integer, intent(in) *NumSeg,* real(reki), dimension (numseg), intent(in) *RLoc,* real(reki), intent(in) *HubRad,* real(reki), intent(in) *RotorRad,* logical, intent(in) *DimenInp,* real(reki), dimension (numseg), intent(out) *DelRLoc,* integer, intent(out), optional *ErrStat*)

Definition at line 47831 of file tempassembled.f90.

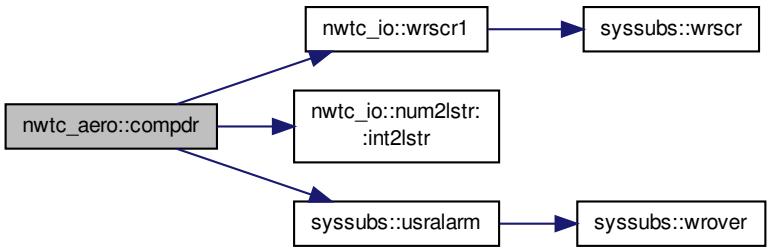
Here is the call graph for this function:



3.28.2.7 subroutine nwtc_aero::compdr (integer, intent(in) *NumSeg,* real(reki), dimension (numseg), intent(in) *RLoc,* real(reki), intent(in) *HubRad,* real(reki), intent(in) *RotorRad,* logical, intent(in) *DimenInp,* real(reki), dimension (numseg), intent(out) *DelRLoc,* integer, intent(out), optional *ErrStat*)

Definition at line 6221 of file tempassembled.f90.

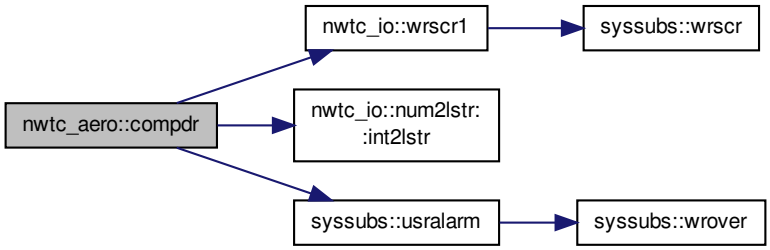
Here is the call graph for this function:



3.28.2.8 subroutine nwtc_aero::compdr (integer, intent(in) *NumSeg,* real(reki), dimension (numseg), intent(in) *RLoc,* real(reki), intent(in) *HubRad,* real(reki), intent(in) *RotorRad,* logical, intent(in) *DimenInp,* real(reki), dimension (numseg), intent(out) *DelRLoc,* integer, intent(out), optional *ErrStat*)

Definition at line 61732 of file tempassembled.f90.

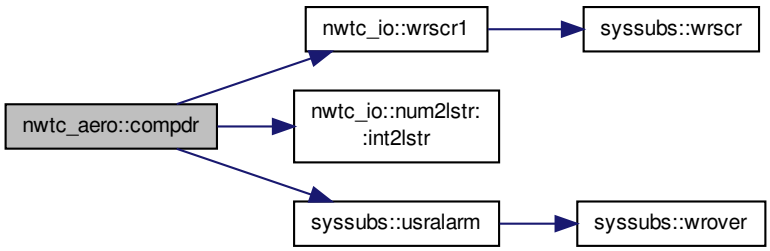
Here is the call graph for this function:



3.28.2.9 subroutine nwtc_aero::compdr (integer, intent(in) *NumSeg,* real(reki), dimension (numseg), intent(in) *RLoc,* real(reki), intent(in) *HubRad,* real(reki), intent(in) *RotorRad,* logical, intent(in) *DimenInp,* real(reki), dimension (numseg), intent(out) *DelRLoc,* integer, intent(out), optional *ErrStat*)

Definition at line 33961 of file tempassembled.f90.

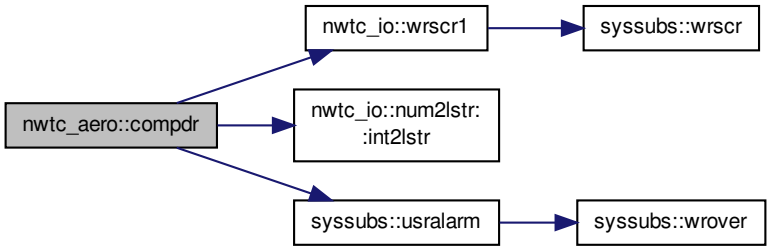
Here is the call graph for this function:



3.28.2.10 subroutine nwtc_aero::compdr (integer, intent(in) *NumSeg,* real(reki), dimension (numseg), intent(in) *RLoc,* real(reki), intent(in) *HubRad,* real(reki), intent(in) *RotorRad,* logical, intent(in) *DimenInp,* real(reki), dimension (numseg), intent(out) *DelRLoc,* integer, intent(out), optional *ErrStat*)

Definition at line 20091 of file tempassembled.f90.

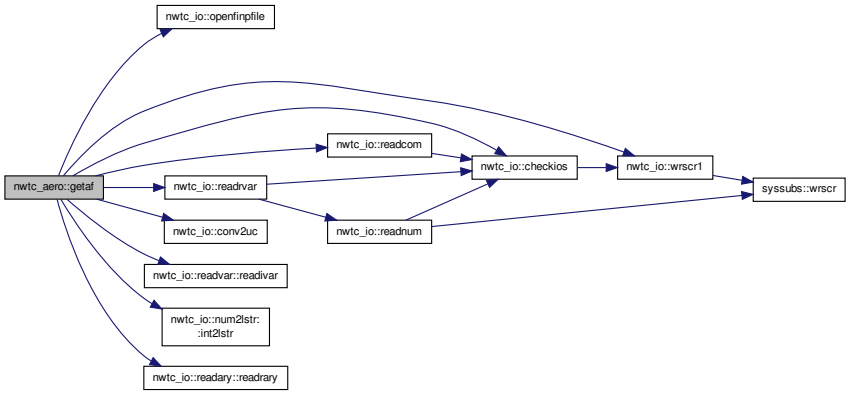
Here is the call graph for this function:



3.28.2.11 subroutine nwtc_aero::getaf (character(∗), intent(in) *AF_File,* type (elmtable), intent(out) *AF_Table,* integer, intent(in) *ISeg*)

Definition at line 61831 of file tempassembled.f90.

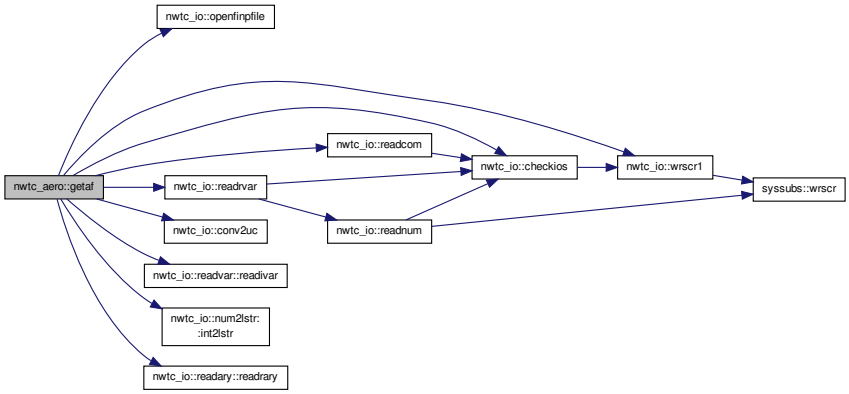
Here is the call graph for this function:



3.28.2.12 subroutine nwtc_aero::getaf (character(∗), intent(in) *AF_File,* type (elmtable), intent(out) *AF_Table,* integer, intent(in) *ISeg*)

Definition at line 20190 of file tempassembled.f90.

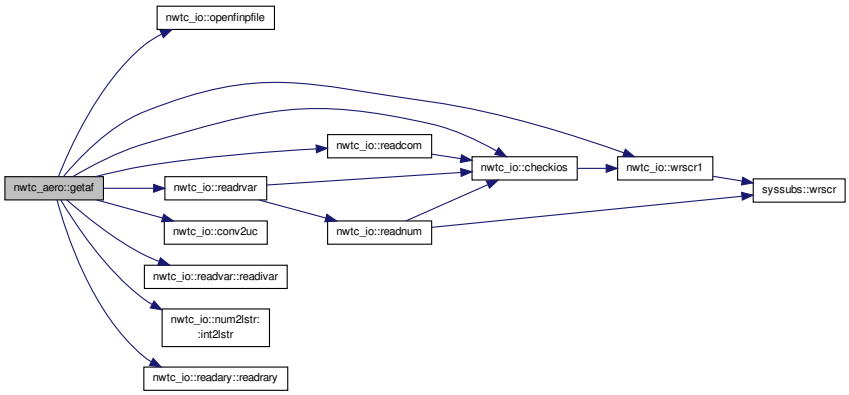
Here is the call graph for this function:



3.28.2.13 subroutine nwtc_aero::getaf (character(∗), intent(in) *AF_File,* type (elmtable), intent(out) *AF_Table,* integer, intent(in) *ISeg*)

Definition at line 47930 of file tempassembled.f90.

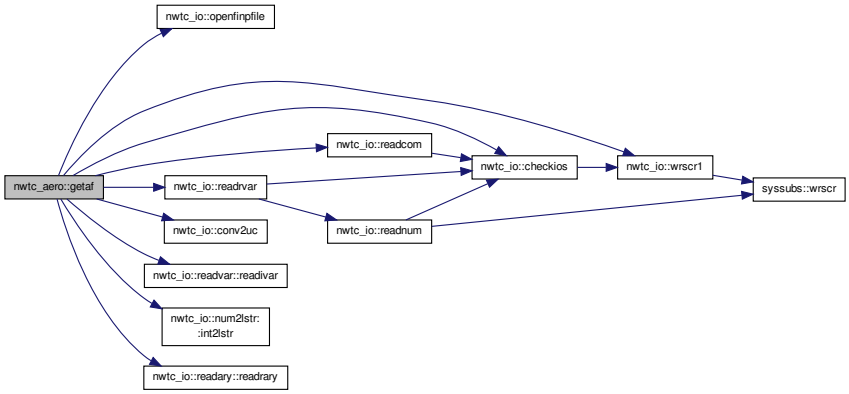
Here is the call graph for this function:



3.28.2.14 subroutine nwtc_aero::getaf (character(∗), intent(in) *AF_File,* type (elmtable), intent(out) *AF_Table,* integer, intent(in) *ISeg*)

Definition at line 6320 of file tempassembled.f90.

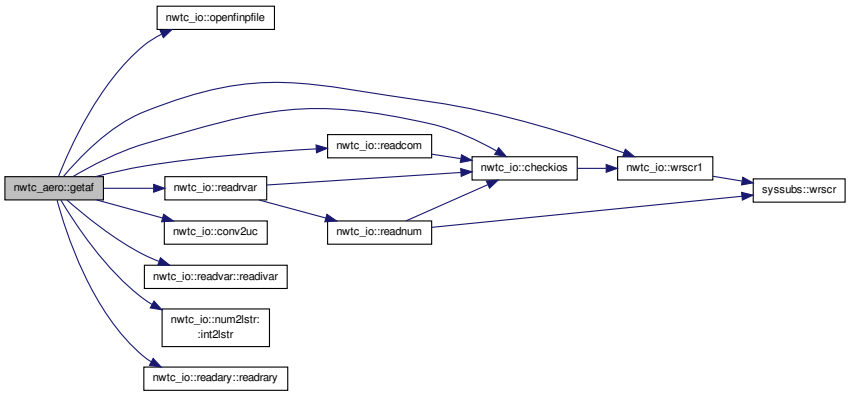
Here is the call graph for this function:



3.28.2.15 subroutine nwtc_aero::getaf (character(∗), intent(in) *AF_File,* type (elmtable), intent(out) *AF_Table,* integer, intent(in) *ISeg*)

Definition at line 34060 of file tempassembled.f90.

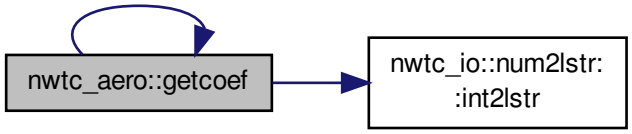
Here is the call graph for this function:



3.28.2.16 real(reki) function nwtc_aero::getcoef (integer, intent(in) *ISeg,* real(reki), intent(in) *Alpha,* real(reki), dimension (numrows), intent(in) *AlfaTab,* real(reki), dimension (numrows), intent(in) *CoefTab,* integer, intent(in) *NumRows,* integer, intent(inout) *Ind,* integer, intent(out), optional *ErrStat*)

Definition at line 34600 of file tempassembled.f90.

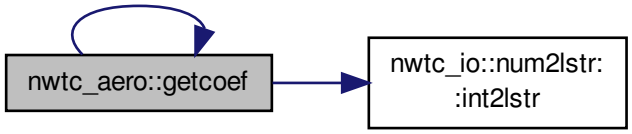
Here is the call graph for this function:



3.28.2.17 real(reki) function nwtc_aero::getcoef (integer, intent(in) *ISeg,* real(reki), intent(in) *Alpha,* real(reki), dimension (numrows), intent(in) *AlfaTab,* real(reki), dimension (numrows), intent(in) *CoefTab,* integer, intent(in) *NumRows,* integer, intent(inout) *Ind,* integer, intent(out), optional *ErrStat*)

Definition at line 48470 of file tempassembled.f90.

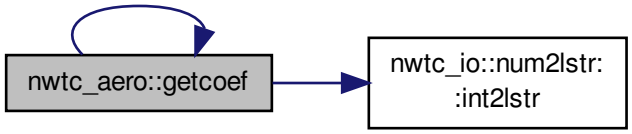
Here is the call graph for this function:



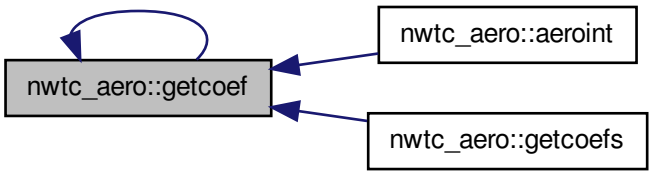
3.28.2.18 real(reki) function nwtc_aero::getcoef (integer, intent(in) *ISeg,* real(reki), intent(in) *Alpha,* real(reki), dimension (numrows), intent(in) *AlfaTab,* real(reki), dimension (numrows), intent(in) *CoefTab,* integer, intent(in) *NumRows,* integer, intent(inout) *Ind,* integer, intent(out), optional *ErrStat*)

Definition at line 6860 of file tempassembled.f90.

Here is the call graph for this function:



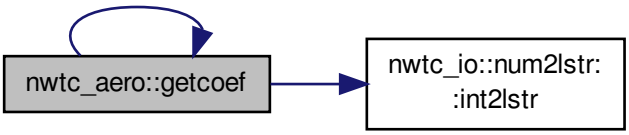
Here is the caller graph for this function:



3.28.2.19 real(reki) function nwtc_aero::getcoef (integer, intent(in) *ISeg,* real(reki), intent(in) *Alpha,* real(reki), dimension (numrows), intent(in) *AlfaTab,* real(reki), dimension (numrows), intent(in) *CoefTab,* integer, intent(in) *NumRows,* integer, intent(inout) *Ind,* integer, intent(out), optional *ErrStat*)

Definition at line 62371 of file tempassembled.f90.

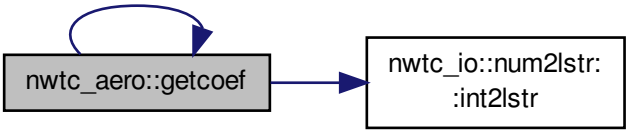
Here is the call graph for this function:



3.28.2.20 real(reki) function nwtc_aero::getcoef (integer, intent(in) *ISeg,* real(reki), intent(in) *Alpha,* real(reki), dimension (numrows), intent(in) *AlfaTab,* real(reki), dimension (numrows), intent(in) *CoefTab,* integer, intent(in) *NumRows,* integer, intent(inout) *Ind,* integer, intent(out), optional *ErrStat*)

Definition at line 20730 of file tempassembled.f90.

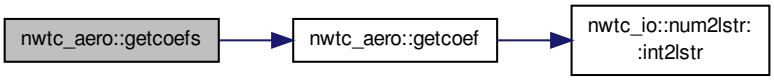
Here is the call graph for this function:



3.28.2.21 subroutine nwtc_aero::getcoefs (integer, intent(in) *ISeg,* real(reki), intent(in) *Alpha,* real(reki), intent(in) *Re,* type (**elmtable**), intent(inout) *AF_Table,* real(reki), intent(out) *ClInt,* real(reki), intent(out) *CdInt,* real(reki), intent(out) *CmInt,* real(reki), intent(out) *CpminInt,* logical, intent(in) *DoCl,* logical, intent(in) *DoCd,* logical, intent(in) *DoCm,* logical, intent(in) *DoCpmin,* integer, intent(out), optional *ErrStat*)

Definition at line 62422 of file tempassembled.f90.

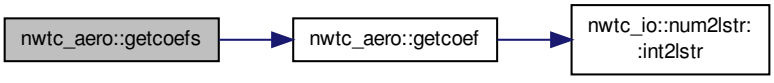
Here is the call graph for this function:



3.28.2.22 subroutine nwtc_aero::getcoefs (integer, intent(in) *ISeg,* real(reki), intent(in) *Alpha,* real(reki), intent(in) *Re,* type (**elmtable**), intent(inout) *AF_Table,* real(reki), intent(out) *ClInt,* real(reki), intent(out) *CdInt,* real(reki), intent(out) *CmInt,* real(reki), intent(out) *CpminInt,* logical, intent(in) *DoCl,* logical, intent(in) *DoCd,* logical, intent(in) *DoCm,* logical, intent(in) *DoCpmin,* integer, intent(out), optional *ErrStat*)

Definition at line 20781 of file tempassembled.f90.

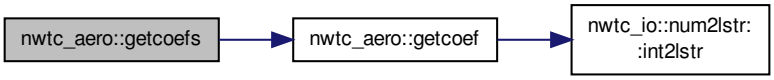
Here is the call graph for this function:



3.28.2.23 subroutine nwtc_aero::getcoefs (integer, intent(in) *ISeg,* real(reki), intent(in) *Alpha,* real(reki), intent(in) *Re,* type (**elmtable**), intent(inout) *AF_Table,* real(reki), intent(out) *Cllnt,* real(reki), intent(out) *Cdlnt,* real(reki), intent(out) *Cmlnt,* real(reki), intent(out) *CpminInt,* logical, intent(in) *DoCl,* logical, intent(in) *DoCd,* logical, intent(in) *DoCm,* logical, intent(in) *DoCpmin,* integer, intent(out), optional *ErrStat*)

Definition at line 48521 of file tempassembled.f90.

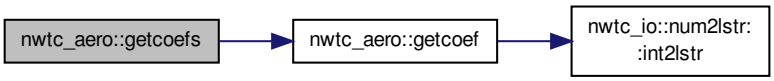
Here is the call graph for this function:



3.28.2.24 subroutine nwtc_aero::getcoefs (integer, intent(in) *ISeg,* real(reki), intent(in) *Alpha,* real(reki), intent(in) *Re,* type (**elmtable**), intent(inout) *AF_Table,* real(reki), intent(out) *Cllnt,* real(reki), intent(out) *Cdlnt,* real(reki), intent(out) *Cmlnt,* real(reki), intent(out) *CpminInt,* logical, intent(in) *DoCl,* logical, intent(in) *DoCd,* logical, intent(in) *DoCm,* logical, intent(in) *DoCpmin,* integer, intent(out), optional *ErrStat*)

Definition at line 6911 of file tempassembled.f90.

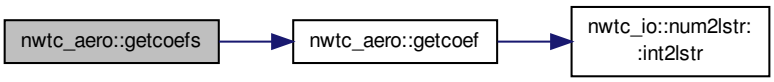
Here is the call graph for this function:



3.28.2.25 subroutine nwtc_aero::getcoefs (integer, intent(in) *ISeg,* real(reki), intent(in) *Alpha,* real(reki), intent(in) *Re,* type (**elmtable**), intent(inout) *AF_Table,* real(reki), intent(out) *Cllnt,* real(reki), intent(out) *Cdlnt,* real(reki), intent(out) *Cmlnt,* real(reki), intent(out) *CpminInt,* logical, intent(in) *DoCl,* logical, intent(in) *DoCd,* logical, intent(in) *DoCm,* logical, intent(in) *DoCpmin,* integer, intent(out), optional *ErrStat*)

Definition at line 34651 of file tempassembled.f90.

Here is the call graph for this function:



3.28.3 Member Data Documentation

3.28.3.1 logical nwtc_aero::usecm = .FALSE.

Definition at line 6025 of file tempassembled.f90.

3.28.3.2 logical nwtc_aero::usecpmin = .FALSE.

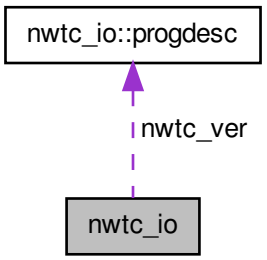
Definition at line 6026 of file tempassembled.f90.

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

- tempassembled.f90

3.29 nwtc_io Module Reference

Collaboration diagram for nwtc_io:



Data Types

- interface allocary
- interface dispnvd
- type fastdatatype
- interface num2lstr
- type progdesc
- interface readary
- interface readarylines
- interface readvar

Public Member Functions

- subroutine adjrealstr (NumStr)
- subroutine allcary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allcary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allcary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)

- subroutine alliary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alliary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alliary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alllary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alllary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alllary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allrary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allrary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary4 (Ary, AryDim1, AryDim2, AryDim3, AryDim4, Descr, ErrStat)
- subroutine checkios (IOS, Fil, Variable, VarType, TrapErrors)
- subroutine checkargs (InputFile, ErrStat)
- subroutine closeecho ()
- subroutine conv2uc (Str)
- integer function countwords (Line)
- character(11) function curdate ()
- character(8) function curtime ()
- subroutine dispnvd0
- subroutine dispnvd1 (ProgInfo)
- subroutine dispnvd2 (Name, Ver)
- character(15) function flt2lstr (FltNum)
- subroutine getnewunit (UnIn)
- character(200) function getnvd (ProgInfo)
- subroutine getpath (GivenFil, PathName)
- subroutine getroot (GivenFil, RootName)
- subroutine gettokens (Line, NumTok, Tokens, Error)
- subroutine getwords (Line, Words, NumWords)
- character(11) function int2lstr (Intgr)
- subroutine nameofile (InArg, OutExten, OutFile, ErrStat)
- subroutine normstop
- subroutine openbin (Un, OutFile, RecLen, ErrStat)
- subroutine openbinpfile (Un, InFile, ErrStat)
- subroutine openecho (Un, OutFile, ErrStat)
- subroutine openfinpfile (Un, InFile, ErrStat)
- subroutine openfoutfile (Un, OutFile, ErrStat)
- subroutine openfunkfile (Un, OutFile, FailAbt, Failed, Exists, ErrStat)
- subroutine openuinfile (Un, InFile, ErrStat)
- subroutine openuinbefile (Un, InFile, RecLen, ErrStat)
- subroutine openuoutfile (Un, OutFile, ErrStat)
- logical function pathisrelative (GivenFil)
- character(15) function r2lstr8 (FltNum)
- character(15) function r2lstr16 (FltNum)
- subroutine readcary (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcarylines (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcom (UnIn, Fil, ComName, ErrStat)
- subroutine readcvar (UnIn, Fil, CharVar, VarName, VarDescr, ErrStat)
- subroutine readfastbin (UnIn, FASTdata, ErrLev, ErrMsg)
- subroutine readiary (UnIn, Fil, IntAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readivar (UnIn, Fil, IntVar, VarName, VarDescr, ErrStat)
- subroutine readlary (UnIn, Fil, LogAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readlvar (UnIn, Fil, LogVar, VarName, VarDescr, ErrStat)

- subroutine readnum (UnIn, Fil, Word, VarName, ErrStat)
- subroutine readoutputlist (UnIn, Fil, CharAry, AryLenRead, AryName, AryDescr, ErrStat)
- subroutine readrary (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines4 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines8 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines16 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrvar (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr4var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr8var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr16var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readstr (UnIn, Fil, CharVar, VarName, VarDescr, ErrStat)
- subroutine waittime (WaitSecs)
- subroutine wrpr (Str)
- subroutine wrfilenr (Unit, Str)
- subroutine wrml (Str)
- subroutine wrscr1 (Str)
- subroutine adjrealstr (NumStr)
- subroutine allcary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allcary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allcary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alliary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alliary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alliary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alllary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alllary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alllary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allrary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allrary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary4 (Ary, AryDim1, AryDim2, AryDim3, AryDim4, Descr, ErrStat)
- subroutine checkios (IOS, Fil, Variable, VarType, TrapErrors)
- subroutine checkargs (InputFile, ErrStat)
- subroutine closeecho ()
- subroutine conv2uc (Str)
- integer function countwords (Line)
- character(11) function curdate ()
- character(8) function curtime ()
- subroutine dispnvd0
- subroutine dispnvd1 (ProgInfo)
- subroutine dispnvd2 (Name, Ver)
- character(15) function flt2lstr (FltNum)
- subroutine getnewunit (UnIn)
- character(200) function getnvd (ProgInfo)
- subroutine getpath (GivenFil, PathName)
- subroutine getroot (GivenFil, RootName)
- subroutine gettokens (Line, NumTok, Tokens, Error)
- subroutine getwords (Line, Words, NumWords)
- character(11) function int2lstr (Intgr)
- subroutine nameofile (InArg, OutExten, OutFile, ErrStat)
- subroutine normstop

- subroutine openbin (Un, OutFile, RecLen, ErrStat)
- subroutine openbinpfile (Un, InFile, ErrStat)
- subroutine openecho (Un, OutFile, ErrStat)
- subroutine openfinpfile (Un, InFile, ErrStat)
- subroutine openfoutfile (Un, OutFile, ErrStat)
- subroutine openfunkfile (Un, OutFile, FailAbt, Failed, Exists, ErrStat)
- subroutine openuinfile (Un, InFile, ErrStat)
- subroutine openuinbefile (Un, InFile, RecLen, ErrStat)
- subroutine openuoutfile (Un, OutFile, ErrStat)
- logical function pathisrelative (GivenFil)
- character(15) function r2lstr8 (FltNum)
- character(15) function r2lstr16 (FltNum)
- subroutine readcary (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcarylines (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcom (UnIn, Fil, ComName, ErrStat)
- subroutine readcvar (UnIn, Fil, CharVar, VarName, VarDescr, ErrStat)
- subroutine readfastbin (UnIn, FASTdata, ErrLev, ErrMsg)
- subroutine readiary (UnIn, Fil, IntAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readivar (UnIn, Fil, IntVar, VarName, VarDescr, ErrStat)
- subroutine readlary (UnIn, Fil, LogAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readlvar (UnIn, Fil, LogVar, VarName, VarDescr, ErrStat)
- subroutine readnum (UnIn, Fil, Word, VarName, ErrStat)
- subroutine readoutputlist (UnIn, Fil, CharAry, AryLenRead, AryName, AryDescr, ErrStat)
- subroutine readrary (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines4 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines8 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines16 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrvar (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr4var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr8var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr16var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readstr (UnIn, Fil, CharVar, VarName, VarDescr, ErrStat)
- subroutine waittime (WaitSecs)
- subroutine wrpr (Str)
- subroutine wrfilenr (Unit, Str)
- subroutine wrml (Str)
- subroutine wrscr1 (Str)
- subroutine adjrealstr (NumStr)
- subroutine allcary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allcary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allcary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alliary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alliary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alliary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alllary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alllary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alllary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allrary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allrary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)

- subroutine allrary4 (Ary, AryDim1, AryDim2, AryDim3, AryDim4, Descr, ErrStat)
- subroutine checkios (IOS, Fil, Variable, VarType, TrapErrors)
- subroutine checkargs (InputFile, ErrStat)
- subroutine closeecho ()
- subroutine conv2uc (Str)
- integer function countwords (Line)
- character(11) function curdate ()
- character(8) function curtime ()
- subroutine dispnvd0
- subroutine dispnvd1 (ProgInfo)
- subroutine dispnvd2 (Name, Ver)
- character(15) function flt2lstr (FltNum)
- subroutine getnewunit (UnIn)
- character(200) function getnvd (ProgInfo)
- subroutine getpath (GivenFil, PathName)
- subroutine getroot (GivenFil, RootName)
- subroutine gettokens (Line, NumTok, Tokens, Error)
- subroutine getwords (Line, Words, NumWords)
- character(11) function int2lstr (Intgr)
- subroutine nameofile (InArg, OutExten, OutFile, ErrStat)
- subroutine normstop
- subroutine openbin (Un, OutFile, RecLen, ErrStat)
- subroutine openbinpfile (Un, InFile, ErrStat)
- subroutine openecho (Un, OutFile, ErrStat)
- subroutine openfinpfile (Un, InFile, ErrStat)
- subroutine openfoutfile (Un, OutFile, ErrStat)
- subroutine openfunkfile (Un, OutFile, FailAbt, Failed, Exists, ErrStat)
- subroutine openuinfile (Un, InFile, ErrStat)
- subroutine openuinbefile (Un, InFile, RecLen, ErrStat)
- subroutine openuoutfile (Un, OutFile, ErrStat)
- logical function pathisrelative (GivenFil)
- character(15) function r2lstr8 (FltNum)
- character(15) function r2lstr16 (FltNum)
- subroutine readcary (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcarylines (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcom (UnIn, Fil, ComName, ErrStat)
- subroutine readcvar (UnIn, Fil, CharVar, VarName, VarDescr, ErrStat)
- subroutine readfastbin (UnIn, FASTdata, ErrLev, ErrMsg)
- subroutine readiary (UnIn, Fil, IntAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readivar (UnIn, Fil, IntVar, VarName, VarDescr, ErrStat)
- subroutine readlary (UnIn, Fil, LogAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readlvar (UnIn, Fil, LogVar, VarName, VarDescr, ErrStat)
- subroutine readnum (UnIn, Fil, Word, VarName, ErrStat)
- subroutine readoutputlist (UnIn, Fil, CharAry, AryLenRead, AryName, AryDescr, ErrStat)
- subroutine readrary (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines4 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines8 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines16 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrvar (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr4var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)

- subroutine readr8var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr16var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readstr (UnIn, Fil, CharVar, VarName, VarDescr, ErrStat)
- subroutine waittime (WaitSecs)
- subroutine wrpr (Str)
- subroutine wrfilenr (Unit, Str)
- subroutine wrml (Str)
- subroutine wrscr1 (Str)
- subroutine adjrealstr (NumStr)
- subroutine allcary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allcary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allcary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alliary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alliary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alliary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alllary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alllary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alllary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allrary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allrary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary4 (Ary, AryDim1, AryDim2, AryDim3, AryDim4, Descr, ErrStat)
- subroutine checkios (IOS, Fil, Variable, VarType, TrapErrors)
- subroutine checkargs (InputFile, ErrStat)
- subroutine closeecho ()
- subroutine conv2uc (Str)
- integer function countwords (Line)
- character(11) function curdate ()
- character(8) function curtime ()
- subroutine dispnvd0
- subroutine dispnvd1 (ProgInfo)
- subroutine dispnvd2 (Name, Ver)
- character(15) function flt2lstr (FltNum)
- subroutine getnewunit (UnIn)
- character(200) function getnvd (ProgInfo)
- subroutine getpath (GivenFil, PathName)
- subroutine getroot (GivenFil, RootName)
- subroutine gettokens (Line, NumTok, Tokens, Error)
- subroutine getwords (Line, Words, NumWords)
- character(11) function int2lstr (Intgr)
- subroutine nameofile (InArg, OutExten, OutFile, ErrStat)
- subroutine normstop
- subroutine openbin (Un, OutFile, RecLen, ErrStat)
- subroutine openbinpfile (Un, InFile, ErrStat)
- subroutine openecho (Un, OutFile, ErrStat)
- subroutine openfinpfile (Un, InFile, ErrStat)
- subroutine openfoutfile (Un, OutFile, ErrStat)
- subroutine openfunkfile (Un, OutFile, FailAbt, Failed, Exists, ErrStat)
- subroutine openuinfile (Un, InFile, ErrStat)
- subroutine openuinbefile (Un, InFile, RecLen, ErrStat)
- subroutine openuoutfile (Un, OutFile, ErrStat)

- logical function pathisrelative (GivenFil)
- character(15) function r2lstr8 (FltNum)
- character(15) function r2lstr16 (FltNum)
- subroutine readcary (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcarylines (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcom (UnIn, Fil, ComName, ErrStat)
- subroutine readcvar (UnIn, Fil, CharVar, VarName, VarDescr, ErrStat)
- subroutine readfastbin (UnIn, FASTdata, ErrLev, ErrMsg)
- subroutine readiary (UnIn, Fil, IntAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readivar (UnIn, Fil, IntVar, VarName, VarDescr, ErrStat)
- subroutine readlary (UnIn, Fil, LogAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readlvar (UnIn, Fil, LogVar, VarName, VarDescr, ErrStat)
- subroutine readnum (UnIn, Fil, Word, VarName, ErrStat)
- subroutine readoutputlist (UnIn, Fil, CharAry, AryLenRead, AryName, AryDescr, ErrStat)
- subroutine readrary (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines4 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines8 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines16 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrvar (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr4var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr8var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr16var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readstr (UnIn, Fil, CharVar, VarName, VarDescr, ErrStat)
- subroutine waittime (WaitSecs)
- subroutine wrpr (Str)
- subroutine wrfilenr (Unit, Str)
- subroutine wrml (Str)
- subroutine wrscr1 (Str)
- subroutine adjrealstr (NumStr)
- subroutine allcary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allcary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allcary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alliary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alliary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alliary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine alllary1 (Ary, AryDim, Descr, ErrStat)
- subroutine alllary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine alllary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary1 (Ary, AryDim, Descr, ErrStat)
- subroutine allrary2 (Ary, AryDim1, AryDim2, Descr, ErrStat)
- subroutine allrary3 (Ary, AryDim1, AryDim2, AryDim3, Descr, ErrStat)
- subroutine allrary4 (Ary, AryDim1, AryDim2, AryDim3, AryDim4, Descr, ErrStat)
- subroutine checkios (IOS, Fil, Variable, VarType, TrapErrors)
- subroutine checkargs (InputFile, ErrStat)
- subroutine closeecho ()
- subroutine conv2uc (Str)
- integer function countwords (Line)
- character(11) function curdate ()
- character(8) function curtime ()
- subroutine dispnvd0

- subroutine dispnvd1 (ProgInfo)
- subroutine dispnvd2 (Name, Ver)
- character(15) function flt2lstr (FltNum)
- subroutine getnewunit (UnIn)
- character(200) function getnvd (ProgInfo)
- subroutine getpath (GivenFil, PathName)
- subroutine getroot (GivenFil, RootName)
- subroutine gettokens (Line, NumTok, Tokens, Error)
- subroutine getwords (Line, Words, NumWords)
- character(11) function int2lstr (Intgr)
- subroutine nameofile (InArg, OutExten, OutFile, ErrStat)
- subroutine normstop
- subroutine openbin (Un, OutFile, RecLen, ErrStat)
- subroutine openbinpfile (Un, InFile, ErrStat)
- subroutine openecho (Un, OutFile, ErrStat)
- subroutine openfinpfile (Un, InFile, ErrStat)
- subroutine openfoutfile (Un, OutFile, ErrStat)
- subroutine openfunkfile (Un, OutFile, FailAbt, Failed, Exists, ErrStat)
- subroutine openuinfile (Un, InFile, ErrStat)
- subroutine openuinbefile (Un, InFile, RecLen, ErrStat)
- subroutine openuoutfile (Un, OutFile, ErrStat)
- logical function pathisrelative (GivenFil)
- character(15) function r2lstr8 (FltNum)
- character(15) function r2lstr16 (FltNum)
- subroutine readcary (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcarylines (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcom (UnIn, Fil, ComName, ErrStat)
- subroutine readcvar (UnIn, Fil, CharVar, VarName, VarDescr, ErrStat)
- subroutine readfastbin (UnIn, FASTdata, ErrLev, ErrMsg)
- subroutine readiary (UnIn, Fil, IntAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readivar (UnIn, Fil, IntVar, VarName, VarDescr, ErrStat)
- subroutine readlary (UnIn, Fil, LogAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readlvar (UnIn, Fil, LogVar, VarName, VarDescr, ErrStat)
- subroutine readnum (UnIn, Fil, Word, VarName, ErrStat)
- subroutine readoutputlist (UnIn, Fil, CharAry, AryLenRead, AryName, AryDescr, ErrStat)
- subroutine readrary (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines4 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines8 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines16 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrvar (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr4var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr8var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr16var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readstr (UnIn, Fil, CharVar, VarName, VarDescr, ErrStat)
- subroutine waittime (WaitSecs)
- subroutine wrpr (Str)
- subroutine wrfilenr (Unit, Str)
- subroutine wrml (Str)
- subroutine wrscr1 (Str)

Public Attributes

- integer(intki), parameter errid_none = 0
- integer(intki), parameter errid_info = 1
- integer(intki), parameter errid_warn = 2
- integer(intki), parameter errid_severe = 3
- integer(intki), parameter errid_fatal = 4
- integer(intki) aborterrlev = ErrID_Fatal
- integer(intki), parameter flgtype = 1
- integer(intki), parameter numtype = 2
- integer(intki), parameter strtype = 3
- integer unec = 19
- logical beep = .TRUE.
- logical echo = .FALSE.
- type(progdesc), parameter nwtc_ver = ProgDesc('NWTC Subroutine Library', 'v1.06.00b-bjj', '07-Dec-2012')
- character(20) progname = ' '
- character(99) progver
- character(1), parameter tab = CHAR(9)

3.29.1 Detailed Description

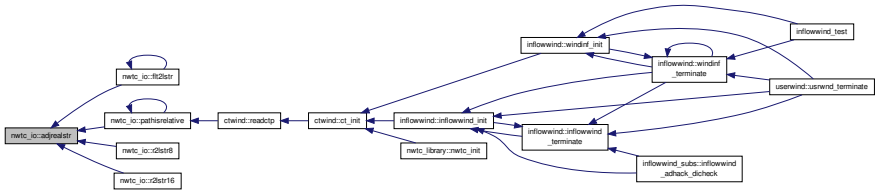
Definition at line 927 of file tempassembled.f90.

3.29.2 Member Function/Subroutine Documentation

3.29.2.1 subroutine nwtc_io::adjrealstr (character(∗), intent(inout) *NumStr*)

Definition at line 1117 of file tempassembled.f90.

Here is the caller graph for this function:



3.29.2.2 subroutine nwtc_io::adjrealstr (character(∗), intent(inout) *NumStr*)

Definition at line 14987 of file tempassembled.f90.

3.29.2.3 subroutine nwtc_io::adjrealstr (character(∗), intent(inout) *NumStr*)

Definition at line 28857 of file tempassembled.f90.

3.29.2.4 subroutine nwtc_io::adjrealstr (character(∗), intent(inout) *NumStr*)

Definition at line 56628 of file tempassembled.f90.

3.29.2.5 subroutine nwtc_io::adjrealstr (character(∗), intent(inout) *NumStr*)

Definition at line 42727 of file tempassembled.f90.

3.29.2.6 subroutine nwtc_io::allcary1 (character(∗), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1160 of file tempassembled.f90.

3.29.2.7 subroutine nwtc_io::allcary1 (character(∗), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15030 of file tempassembled.f90.

3.29.2.8 subroutine nwtc_io::allcary1 (character(∗), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 28900 of file tempassembled.f90.

3.29.2.9 subroutine nwtc_io::allcary1 (character(∗), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56671 of file tempassembled.f90.

3.29.2.10 subroutine nwtc_io::allcary1 (character(∗), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 42770 of file tempassembled.f90.

3.29.2.11 subroutine nwtc_io::allcary2 (character(∗), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56704 of file tempassembled.f90.

3.29.2.12 subroutine nwtc_io::allcary2 (character(∗), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15063 of file tempassembled.f90.

3.29.2.13 subroutine nwtc_io::allcary2 (character(∗), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 28933 of file tempassembled.f90.

3.29.2.14 subroutine nwtc_io::allcary2 (character(∗), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1193 of file tempassembled.f90.

3.29.2.15 subroutine nwtc_io::allcary2 (character(∗), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 42803 of file tempassembled.f90.

3.29.2.16 subroutine nwtc_io::allcary3 (character(∗), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56737 of file tempassembled.f90.

3.29.2.17 subroutine nwtc_io::allcary3 (character(∗), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1226 of file tempassembled.f90.

3.29.2.18 subroutine nwtc_io::allcary3 (character(∗), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 28966 of file tempassembled.f90.

3.29.2.19 subroutine nwtc_io::allcary3 (character(∗), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15096 of file tempassembled.f90.

3.29.2.20 subroutine nwtc_io::allcary3 (character(∗), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 42836 of file tempassembled.f90.

3.29.2.21 subroutine nwtc_io::alliary1 (integer, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56773 of file tempassembled.f90.

3.29.2.22 subroutine nwtc_io::alliary1 (integer, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29002 of file tempassembled.f90.

3.29.2.23 subroutine nwtc_io::alliary1 (integer, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15132 of file tempassembled.f90.

3.29.2.24 subroutine nwtc_io::alliary1 (integer, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1262 of file tempassembled.f90.

3.29.2.25 subroutine nwtc_io::alliary1 (integer, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 42872 of file tempassembled.f90.

3.29.2.26 subroutine nwtc_io::alliary2 (integer, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56805 of file tempassembled.f90.

3.29.2.27 subroutine nwtc_io::alliary2 (integer, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29034 of file tempassembled.f90.

3.29.2.28 subroutine nwtc_io::alliary2 (integer, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15164 of file tempassembled.f90.

3.29.2.29 subroutine nwtc_io::alliary2 (integer, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1294 of file tempassembled.f90.

3.29.2.30 subroutine nwtc_io::alliary2 (integer, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 42904 of file tempassembled.f90.

3.29.2.31 subroutine nwtc_io::alliary3 (integer, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56838 of file tempassembled.f90.

3.29.2.32 subroutine nwtc_io::alliary3 (integer, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29067 of file tempassembled.f90.

3.29.2.33 subroutine nwtc_io::alliary3 (integer, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15197 of file tempassembled.f90.

3.29.2.34 subroutine nwtc_io::alliary3 (integer, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 42937 of file tempassembled.f90.

3.29.2.35 subroutine nwtc_io::alliary3 (integer, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1327 of file tempassembled.f90.

3.29.2.36 subroutine nwtc_io::alllary1 (logical, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1362 of file tempassembled.f90.

3.29.2.37 subroutine nwtc_io::alllary1 (logical, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56873 of file tempassembled.f90.

3.29.2.38 subroutine nwtc_io::alllary1 (logical, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29102 of file tempassembled.f90.

3.29.2.39 subroutine nwtc_io::alllary1 (logical, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15232 of file tempassembled.f90.

3.29.2.40 subroutine nwtc_io::alllary1 (logical, dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 42972 of file tempassembled.f90.

3.29.2.41 subroutine nwtc_io::alllary2 (logical, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56907 of file tempassembled.f90.

3.29.2.42 subroutine nwtc_io::alllary2 (logical, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1396 of file tempassembled.f90.

3.29.2.43 subroutine nwtc_io::alllary2 (logical, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29136 of file tempassembled.f90.

3.29.2.44 subroutine nwtc_io::alllary2 (logical, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15266 of file tempassembled.f90.

3.29.2.45 subroutine nwtc_io::alllary2 (logical, dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 43006 of file tempassembled.f90.

3.29.2.46 subroutine nwtc_io::alllary3 (logical, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56942 of file tempassembled.f90.

3.29.2.47 subroutine nwtc_io::alllary3 (logical, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29171 of file tempassembled.f90.

3.29.2.48 subroutine nwtc_io::alllary3 (logical, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1431 of file tempassembled.f90.

3.29.2.49 subroutine nwtc_io::alllary3 (logical, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15301 of file tempassembled.f90.

3.29.2.50 subroutine nwtc_io::alllary3 (logical, dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 43041 of file tempassembled.f90.

3.29.2.51 subroutine nwtc_io::allrary1 (real(reki), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 56978 of file tempassembled.f90.

3.29.2.52 subroutine nwtc_io::allrary1 (real(reki), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29207 of file tempassembled.f90.

3.29.2.53 subroutine nwtc_io::allrary1 (real(reki), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15337 of file tempassembled.f90.

3.29.2.54 subroutine nwtc_io::allrary1 (real(reki), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1467 of file tempassembled.f90.

3.29.2.55 subroutine nwtc_io::allrary1 (real(reki), dimension (:), allocatable *Ary,* integer, intent(in) *AryDim,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 43077 of file tempassembled.f90.

3.29.2.56 subroutine nwtc_io::allrary2 (real(reki), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 57012 of file tempassembled.f90.

3.29.2.57 subroutine nwtc_io::allrary2 (real(reki), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29241 of file tempassembled.f90.

3.29.2.58 subroutine nwtc_io::allrary2 (real(reki), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15371 of file tempassembled.f90.

3.29.2.59 subroutine nwtc_io::allrary2 (real(reki), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1501 of file tempassembled.f90.

3.29.2.60 subroutine nwtc_io::allrary2 (real(reki), dimension (:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 43111 of file tempassembled.f90.

3.29.2.61 subroutine nwtc_io::allrary3 (real(reki), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 57047 of file tempassembled.f90.

3.29.2.62 subroutine nwtc_io::allrary3 (real(reki), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29276 of file tempassembled.f90.

3.29.2.63 subroutine nwtc_io::allrary3 (real(reki), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15406 of file tempassembled.f90.

3.29.2.64 subroutine nwtc_io::allrary3 (real(reki), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1536 of file tempassembled.f90.

3.29.2.65 subroutine nwtc_io::allrary3 (real(reki), dimension (:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 43146 of file tempassembled.f90.

3.29.2.66 subroutine nwtc_io::allrary4 (real(reki), dimension (:,:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* integer, intent(in) *AryDim4,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 57083 of file tempassembled.f90.

3.29.2.67 subroutine nwtc_io::allrary4 (real(reki), dimension (:,:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* integer, intent(in) *AryDim4,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 29312 of file tempassembled.f90.

3.29.2.68 subroutine nwtc_io::allrary4 (real(reki), dimension (:,:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* integer, intent(in) *AryDim4,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 15442 of file tempassembled.f90.

3.29.2.69 subroutine nwtc_io::allrary4 (real(reki), dimension (:,:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* integer, intent(in) *AryDim4,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 1572 of file tempassembled.f90.

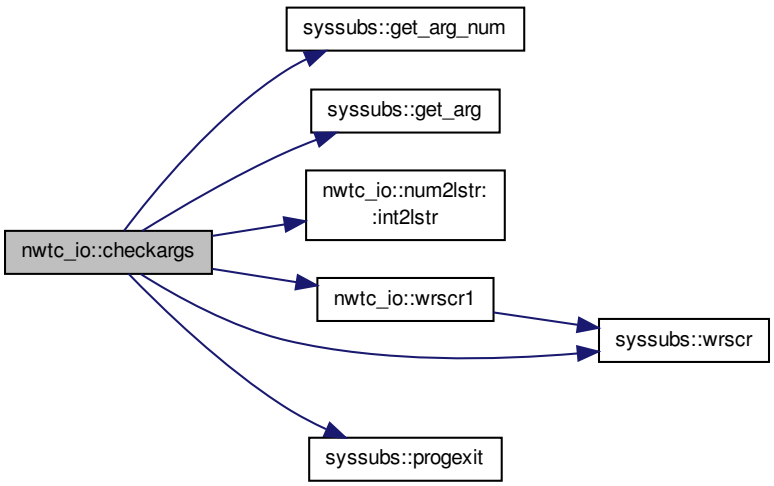
3.29.2.70 subroutine nwtc_io::allrary4 (real(reki), dimension (:,:,:,:), allocatable *Ary,* integer, intent(in) *AryDim1,* integer, intent(in) *AryDim2,* integer, intent(in) *AryDim3,* integer, intent(in) *AryDim4,* character(∗), intent(in) *Descr,* integer, intent(out), optional *ErrStat*)

Definition at line 43182 of file tempassembled.f90.

3.29.2.71 subroutine nwtc_io::checkargs (character(∗), intent(inout) *InputFile,* integer, intent(out), optional *ErrStat*)

Definition at line 1660 of file tempassembled.f90.

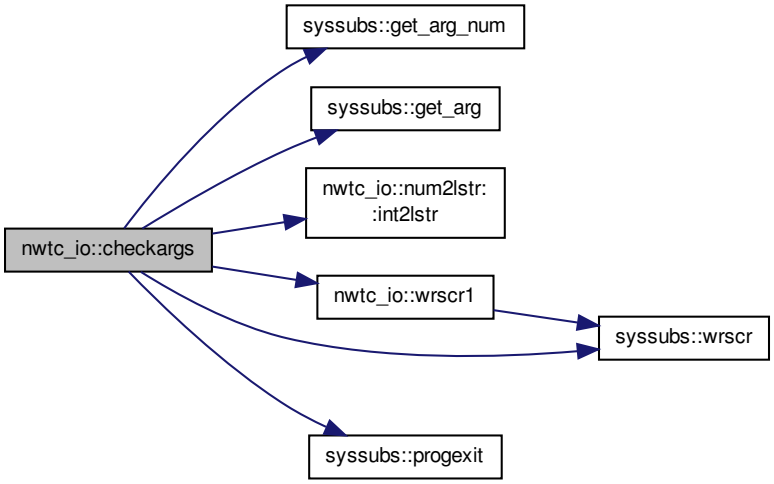
Here is the call graph for this function:



3.29.2.72 subroutine nwtc_io::checkargs (character(∗), intent(inout) *InputFile,* integer, intent(out), optional *ErrStat*)

Definition at line 57171 of file tempassembled.f90.

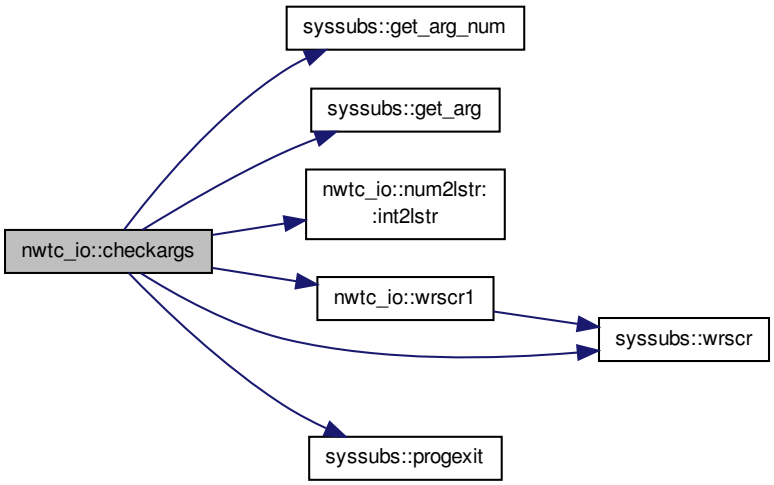
Here is the call graph for this function:



3.29.2.73 subroutine nwtc_io::checkargs (character(∗), intent(inout) *InputFile,* integer, intent(out), optional *ErrStat*)

Definition at line 29400 of file tempassembled.f90.

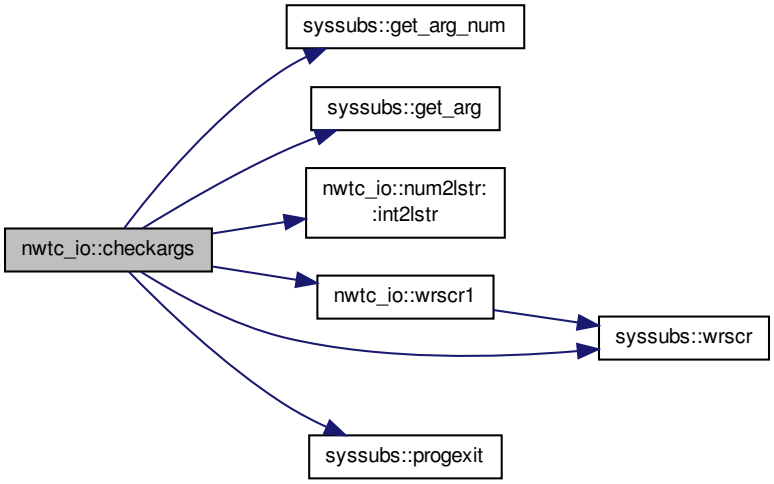
Here is the call graph for this function:



3.29.2.74 subroutine nwtc_io::checkargs (character(∗), intent(inout) *InputFile,* integer, intent(out), optional *ErrStat*)

Definition at line 15530 of file tempassembled.f90.

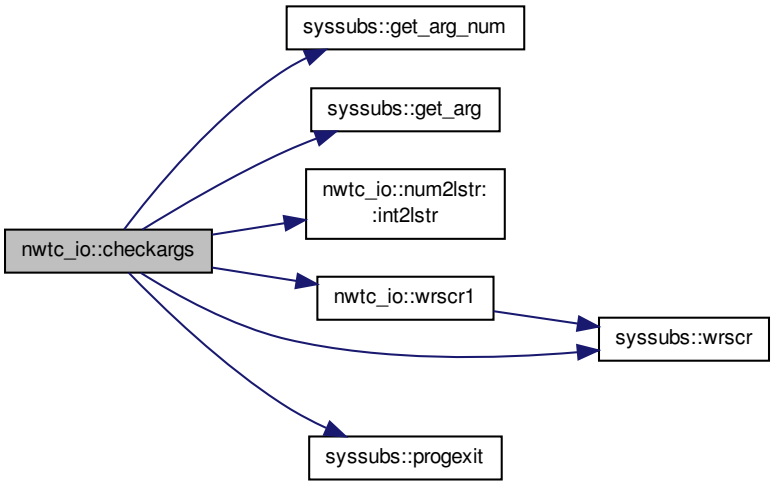
Here is the call graph for this function:



3.29.2.75 subroutine nwtc_io::checkargs (character(∗), intent(inout) *InputFile,* integer, intent(out), optional *ErrStat*)

Definition at line 43270 of file tempassembled.f90.

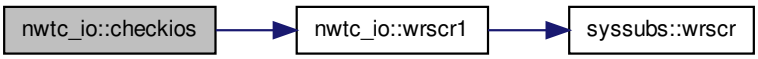
Here is the call graph for this function:



3.29.2.76 subroutine nwtc_io::checkios (integer, intent(in) *IOS,* character(∗), intent(in) *Fil,* character(∗), intent(in) *Variable,* integer, intent(in) *VarType,* logical, intent(in), optional *TrapErrors*)

Definition at line 57121 of file tempassembled.f90.

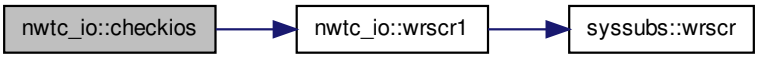
Here is the call graph for this function:



3.29.2.77 subroutine nwtc_io::checkios (integer, intent(in) *IOS,* character(∗), intent(in) *Fil,* character(∗), intent(in) *Variable,* integer, intent(in) *VarType,* logical, intent(in), optional *TrapErrors*)

Definition at line 29350 of file tempassembled.f90.

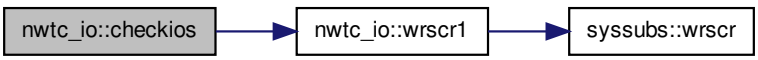
Here is the call graph for this function:



3.29.2.78 subroutine nwtc_io::checkios (integer, intent(in) *IOS,* character(∗), intent(in) *Fil,* character(∗), intent(in) *Variable,* integer, intent(in) *VarType,* logical, intent(in), optional *TrapErrors*)

Definition at line 15480 of file tempassembled.f90.

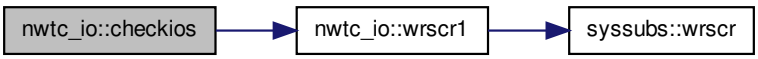
Here is the call graph for this function:



3.29.2.79 subroutine nwtc_io::checkios (integer, intent(in) *IOS,* character(∗), intent(in) *Fil,* character(∗), intent(in) *Variable,* integer, intent(in) *VarType,* logical, intent(in), optional *TrapErrors*)

Definition at line 43220 of file tempassembled.f90.

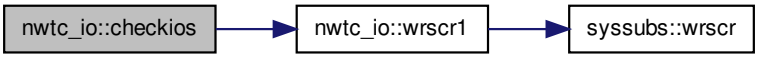
Here is the call graph for this function:



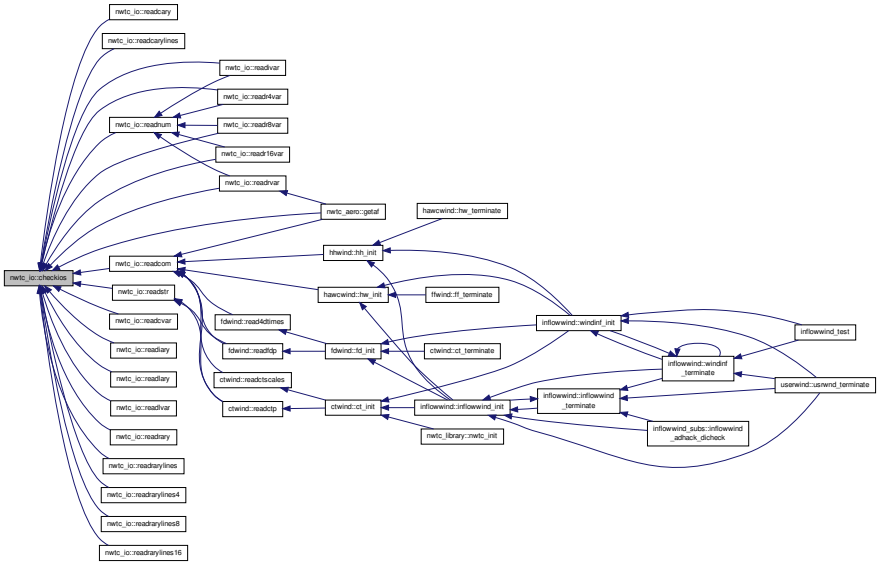
3.29.2.80 subroutine nwtc_io::checkios (integer, intent(in) *IOS,* character(∗), intent(in) *Fil,* character(∗), intent(in) *Variable,* integer, intent(in) *VarType,* logical, intent(in), optional *TrapErrors*)

Definition at line 1610 of file tempassembled.f90.

Here is the call graph for this function:



Here is the caller graph for this function:



3.29.2.81 subroutine nwtc_io::closeecho ( )

Definition at line 1747 of file tempassembled.f90.

3.29.2.82 subroutine nwtc_io::closeecho ( )

Definition at line 57258 of file tempassembled.f90.

3.29.2.83 subroutine nwtc_io::closeecho ( )

Definition at line 29487 of file tempassembled.f90.

3.29.2.84 subroutine nwtc_io::closeecho ( )

Definition at line 15617 of file tempassembled.f90.

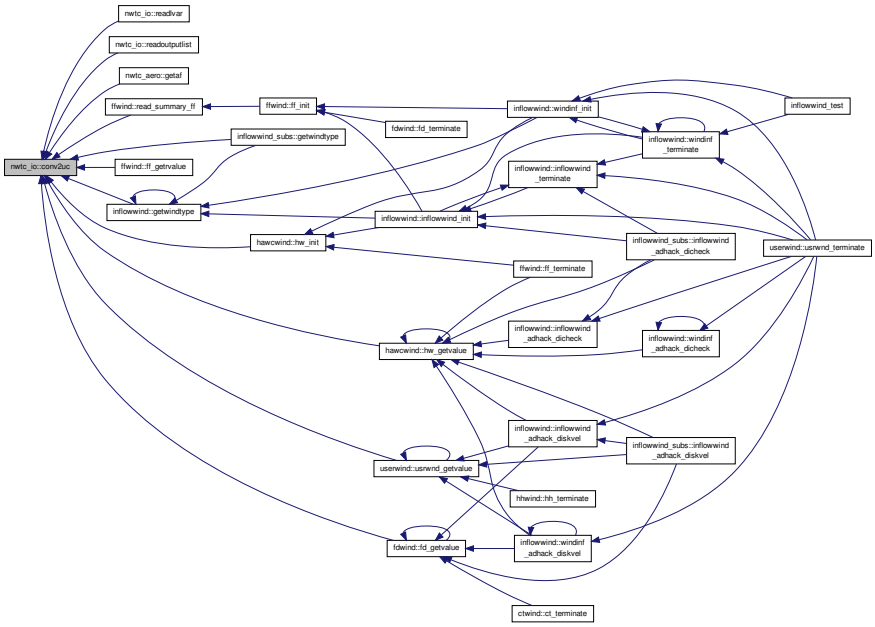
3.29.2.85 subroutine nwtc_io::closeecho ( )

Definition at line 43357 of file tempassembled.f90.

3.29.2.86 subroutine nwtc_io::conv2uc (character(∗), intent(inout) *Str*)

Definition at line 1757 of file tempassembled.f90.

Here is the caller graph for this function:



3.29.2.87 subroutine nwtc_io::conv2uc (character(∗), intent(inout) *Str*)

Definition at line 57268 of file tempassembled.f90.

3.29.2.88 subroutine nwtc_io::conv2uc (character(∗), intent(inout) *Str*)

Definition at line 29497 of file tempassembled.f90.

3.29.2.89 subroutine nwtc_io::conv2uc (character(∗), intent(inout) *Str*)

Definition at line 15627 of file tempassembled.f90.

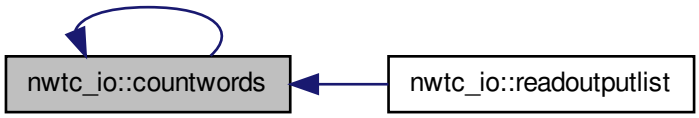
3.29.2.90 subroutine nwtc_io::conv2uc (character(∗), intent(inout) *Str*)

Definition at line 43367 of file tempassembled.f90.

3.29.2.91 integer function nwtc_io::countwords (character(∗), intent(in) *Line*)

Definition at line 1788 of file tempassembled.f90.

Here is the caller graph for this function:



3.29.2.92 integer function nwtc_io::countwords (character(∗), intent(in) *Line*)

Definition at line 29528 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.93 integer function nwtc_io::countwords (character(∗), intent(in) *Line*)

Definition at line 15658 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.94 integer function nwtc_io::countwords (character(∗), intent(in) *Line*)

Definition at line 57299 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.95 integer function nwtc_io::countwords (character(∗), intent(in) *Line*)

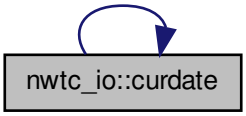
Definition at line 43398 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.96 character(11) function nwtc_io::curdate ( )

Definition at line 57358 of file tempassembled.f90.

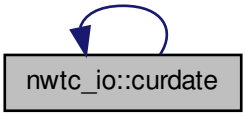
Here is the call graph for this function:



3.29.2.97 character(11) function nwtc_io::curdate ( )

Definition at line 1847 of file tempassembled.f90.

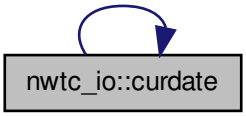
Here is the caller graph for this function:



3.29.2.98 character(11) function nwtc_io::curdate ( )

Definition at line 29587 of file tempassembled.f90.

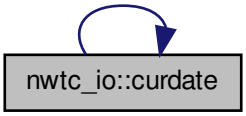
Here is the call graph for this function:



3.29.2.99 character(11) function nwtc_io::curdate ( )

Definition at line 15717 of file tempassembled.f90.

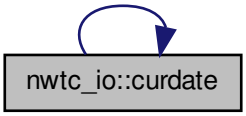
Here is the call graph for this function:



3.29.2.100 character(11) function nwtc_io::curdate ( )

Definition at line 43457 of file tempassembled.f90.

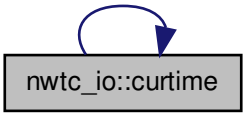
Here is the call graph for this function:



3.29.2.101 character(8) function nwtc_io::curtime ( )

Definition at line 29652 of file tempassembled.f90.

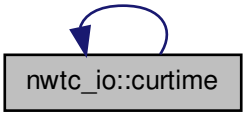
Here is the call graph for this function:



3.29.2.102 character(8) function nwtc_io::curtime ( )

Definition at line 1912 of file tempassembled.f90.

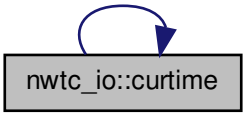
Here is the caller graph for this function:



3.29.2.103 character(8) function nwtc_io::curtime ( )

Definition at line 57423 of file tempassembled.f90.

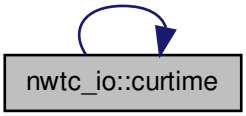
Here is the call graph for this function:



3.29.2.104 character(8) function nwtc_io::curtime ( )

Definition at line 15782 of file tempassembled.f90.

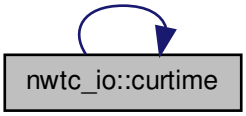
Here is the call graph for this function:



3.29.2.105 character(8) function nwtc_io::curtime ( )

Definition at line 43522 of file tempassembled.f90.

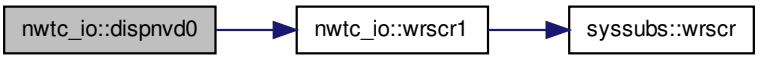
Here is the call graph for this function:



3.29.2.106 subroutine nwtc_io::dispnvd0 ( )

Definition at line 57448 of file tempassembled.f90.

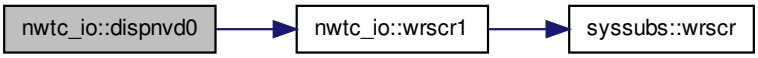
Here is the call graph for this function:



3.29.2.107 subroutine nwtc_io::dispnvd0 ( )

Definition at line 29677 of file tempassembled.f90.

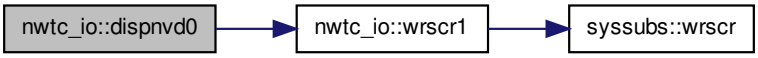
Here is the call graph for this function:



3.29.2.108 subroutine nwtc_io::dispnvd0 ( )

Definition at line 1937 of file tempassembled.f90.

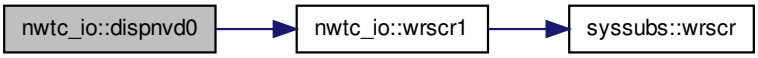
Here is the call graph for this function:



3.29.2.109 subroutine nwtc_io::dispnvd0 ( )

Definition at line 15807 of file tempassembled.f90.

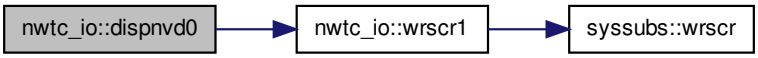
Here is the call graph for this function:



3.29.2.110 subroutine nwtc_io::dispnvd0 ( )

Definition at line 43547 of file tempassembled.f90.

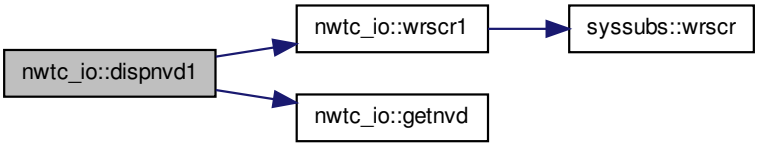
Here is the call graph for this function:



3.29.2.111 subroutine nwtc_io::dispnvd1 (type(progdesc), intent(in) *ProgInfo*)

Definition at line 57462 of file tempassembled.f90.

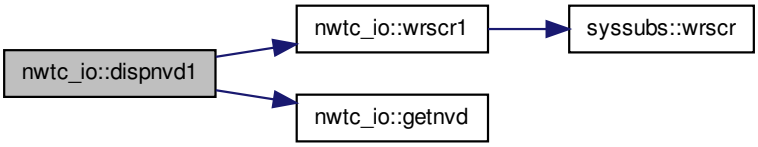
Here is the call graph for this function:



3.29.2.112 subroutine nwtc_io::dispnvd1 (type(progdesc), intent(in) *ProgInfo*)

Definition at line 29691 of file tempassembled.f90.

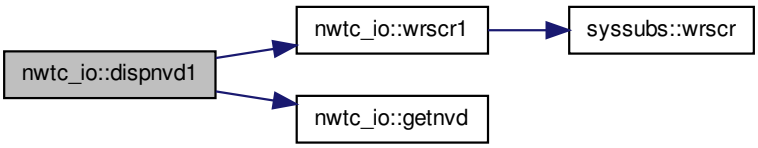
Here is the call graph for this function:



3.29.2.113 subroutine nwtc_io::dispnvd1 (type(progdesc), intent(in) *ProgInfo*)

Definition at line 1951 of file tempassembled.f90.

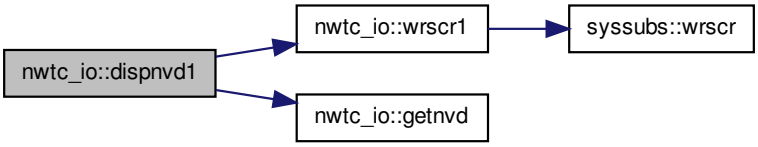
Here is the call graph for this function:



3.29.2.114 subroutine nwtc_io::dispnvd1 (type(progdesc), intent(in) *ProgInfo*)

Definition at line 15821 of file tempassembled.f90.

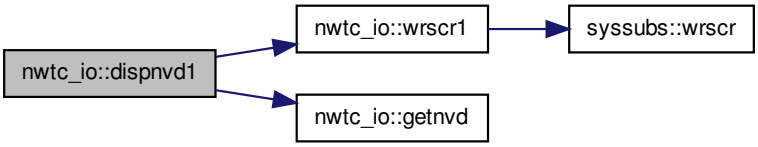
Here is the call graph for this function:



3.29.2.115 subroutine nwtc_io::dispnvd1 (type(progdesc), intent(in) *ProgInfo*)

Definition at line 43561 of file tempassembled.f90.

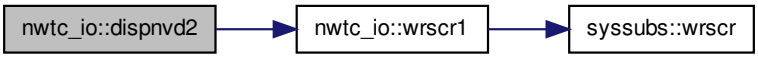
Here is the call graph for this function:



3.29.2.116 subroutine nwtc_io::dispnvd2 (character(∗), intent(in) *Name,* character(∗), intent(in) *Ver*)

Definition at line 57480 of file tempassembled.f90.

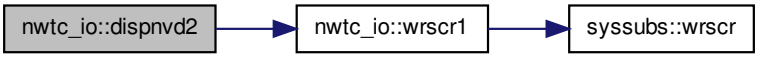
Here is the call graph for this function:



3.29.2.117 subroutine nwtc_io::dispnvd2 (character(∗), intent(in) *Name,* character(∗), intent(in) *Ver*)

Definition at line 29709 of file tempassembled.f90.

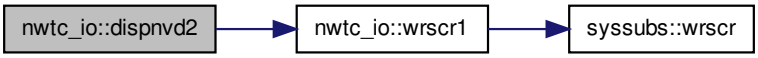
Here is the call graph for this function:



3.29.2.118 subroutine nwtc_io::dispnvd2 (character(∗), intent(in) *Name,* character(∗), intent(in) *Ver*)

Definition at line 1969 of file tempassembled.f90.

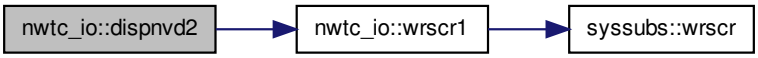
Here is the call graph for this function:



3.29.2.119 subroutine nwtc_io::dispnvd2 (character(∗), intent(in) *Name,* character(∗), intent(in) *Ver*)

Definition at line 15839 of file tempassembled.f90.

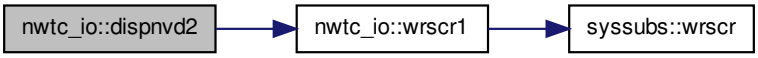
Here is the call graph for this function:



3.29.2.120 subroutine nwtc_io::dispnvd2 (character(∗), intent(in) *Name,* character(∗), intent(in) *Ver*)

Definition at line 43579 of file tempassembled.f90.

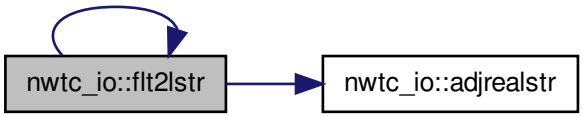
Here is the call graph for this function:



3.29.2.121 character(15) function nwtc_io::flt2lstr (real(reki), intent(in) *FltNum*)

Definition at line 57499 of file tempassembled.f90.

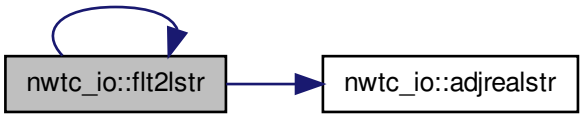
Here is the call graph for this function:



3.29.2.122 character(15) function nwtc_io::flt2lstr (real(reki), intent(in) *FltNum*)

Definition at line 29728 of file tempassembled.f90.

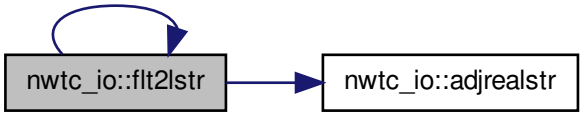
Here is the call graph for this function:



3.29.2.123 character(15) function nwtc_io::flt2lstr (real(reki), intent(in) *FltNum*)

Definition at line 15858 of file tempassembled.f90.

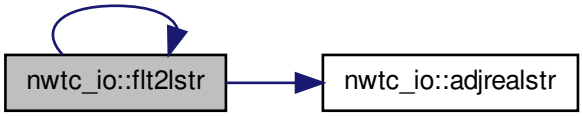
Here is the call graph for this function:



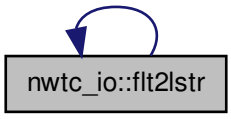
3.29.2.124 character(15) function nwtc_io::flt2lstr (real(reki), intent(in) *FltNum*)

Definition at line 1988 of file tempassembled.f90.

Here is the call graph for this function:



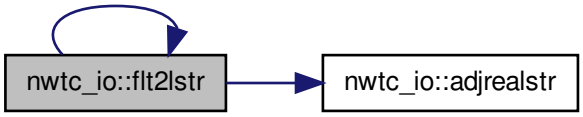
Here is the caller graph for this function:



3.29.2.125 character(15) function nwtc_io::flt2lstr (real(reki), intent(in) *FltNum*)

Definition at line 43598 of file tempassembled.f90.

Here is the call graph for this function:



3.29.2.126 subroutine nwtc_io::getnewunit (integer, intent(out) *UnIn*)

Definition at line 57537 of file tempassembled.f90.

3.29.2.127 subroutine nwtc_io::getnewunit (integer, intent(out) *UnIn*)

Definition at line 29766 of file tempassembled.f90.

3.29.2.128 subroutine nwtc_io::getnewunit (integer, intent(out) *UnIn*)

Definition at line 15896 of file tempassembled.f90.

3.29.2.129 subroutine nwtc_io::getnewunit (integer, intent(out) *UnIn*)

Definition at line 2026 of file tempassembled.f90.

3.29.2.130 subroutine nwtc_io::getnewunit (integer, intent(out) *UnIn*)

Definition at line 43636 of file tempassembled.f90.

3.29.2.131 character(200) function nwtc_io::getnvd (type(**progdesc**), intent(in) *ProgInfo*)

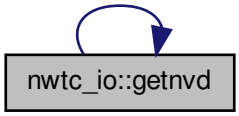
Definition at line 57572 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.132 character(200) function nwtc_io::getnvd (type(**progdesc**), intent(in) *ProgInfo*)

Definition at line 29801 of file tempassembled.f90.

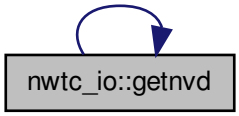
Here is the call graph for this function:



3.29.2.133 character(200) function nwtc_io::getnvd (type(progdesc), intent(in) *ProgInfo*)

Definition at line 15931 of file tempassembled.f90.

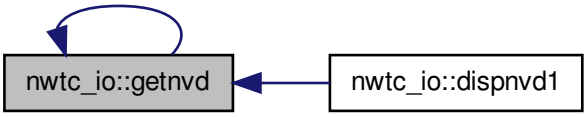
Here is the call graph for this function:



3.29.2.134 character(200) function nwtc_io::getnvd (type(progdesc), intent(in) *ProgInfo*)

Definition at line 2061 of file tempassembled.f90.

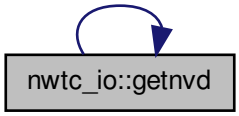
Here is the caller graph for this function:



3.29.2.135 character(200) function nwtc_io::getnvd (type(progdesc), intent(in) *ProgInfo*)

Definition at line 43671 of file tempassembled.f90.

Here is the call graph for this function:



3.29.2.136 subroutine nwtc_io::getpath (character(∗), intent(in) *GivenFil,* character(∗), intent(out) *PathName*)

Definition at line 57596 of file tempassembled.f90.

3.29.2.137 subroutine nwtc_io::getpath (character(∗), intent(in) *GivenFil,* character(∗), intent(out) *PathName*)

Definition at line 29825 of file tempassembled.f90.

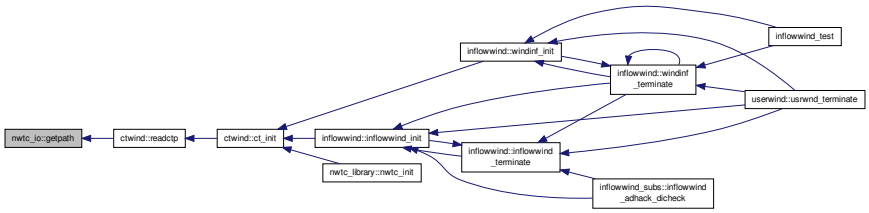
3.29.2.138 subroutine nwtc_io::getpath (character(∗), intent(in) *GivenFil,* character(∗), intent(out) *PathName*)

Definition at line 15955 of file tempassembled.f90.

3.29.2.139 subroutine nwtc_io::getpath (character(∗), intent(in) *GivenFil,* character(∗), intent(out) *PathName*)

Definition at line 2085 of file tempassembled.f90.

Here is the caller graph for this function:



3.29.2.140 subroutine nwtc_io::getpath (character(∗), intent(in) *GivenFil,* character(∗), intent(out) *PathName*)

Definition at line 43695 of file tempassembled.f90.

3.29.2.141 subroutine nwtc_io::getroot (character(∗), intent(in) *GivenFil,* character(∗), intent(out) *RootName*)

Definition at line 29859 of file tempassembled.f90.

3.29.2.142 subroutine nwtc_io::getroot (character(∗), intent(in) *GivenFil,* character(∗), intent(out) *RootName*)

Definition at line 15989 of file tempassembled.f90.

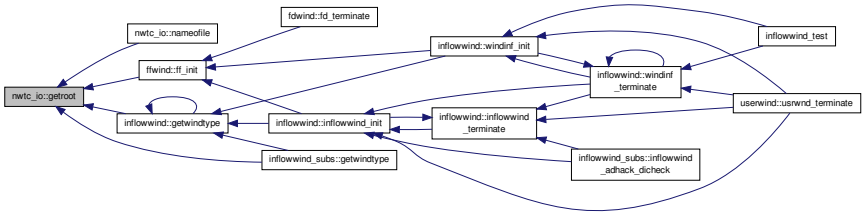
3.29.2.143 subroutine nwtc_io::getroot (character(∗), intent(in) *GivenFil,* character(∗), intent(out) *RootName*)

Definition at line 57630 of file tempassembled.f90.

3.29.2.144 subroutine nwtc_io::getroot (character(∗), intent(in) *GivenFil,* character(∗), intent(out) *RootName*)

Definition at line 2119 of file tempassembled.f90.

Here is the caller graph for this function:



3.29.2.145 subroutine nwtc_io::getroot (character(∗), intent(in) *GivenFil,* character(∗), intent(out) *RootName*)

Definition at line 43729 of file tempassembled.f90.

3.29.2.146 subroutine nwtc_io::gettokens (character(∗), intent(inout) *Line,* integer, intent(in) *NumTok,* character(∗), dimension (numtok), intent(out) *Tokens,* logical, intent(out) *Error*)

Definition at line 57690 of file tempassembled.f90.

3.29.2.147 subroutine nwtc_io::gettokens (character(∗), intent(inout) *Line,* integer, intent(in) *NumTok,* character(∗), dimension (numtok), intent(out) *Tokens,* logical, intent(out) *Error*)

Definition at line 29919 of file tempassembled.f90.

3.29.2.148 subroutine nwtc_io::gettokens (character(∗), intent(inout) *Line,* integer, intent(in) *NumTok,* character(∗), dimension (numtok), intent(out) *Tokens,* logical, intent(out) *Error*)

Definition at line 16049 of file tempassembled.f90.

3.29.2.149 subroutine nwtc_io::gettokens (character(∗), intent(inout) *Line,* integer, intent(in) *NumTok,* character(∗), dimension (numtok), intent(out) *Tokens,* logical, intent(out) *Error*)

Definition at line 2179 of file tempassembled.f90.

3.29.2.150 subroutine nwtc_io::gettokens (character(∗), intent(inout) *Line,* integer, intent(in) *NumTok,* character(∗), dimension (numtok), intent(out) *Tokens,* logical, intent(out) *Error*)

Definition at line 43789 of file tempassembled.f90.

3.29.2.151 subroutine nwtc_io::getwords (character(∗), intent(in) *Line,* character(∗), dimension(numwords), intent(out) *Words,* integer, intent(in) *NumWords*)

Definition at line 57736 of file tempassembled.f90.

3.29.2.152 subroutine nwtc_io::getwords (character(∗), intent(in) *Line,* character(∗), dimension(numwords), intent(out) *Words,* integer, intent(in) *NumWords*)

Definition at line 29965 of file tempassembled.f90.

3.29.2.153 subroutine nwtc_io::getwords (character(∗), intent(in) *Line,* character(∗), dimension(numwords), intent(out) *Words,* integer, intent(in) *NumWords*)

Definition at line 43835 of file tempassembled.f90.

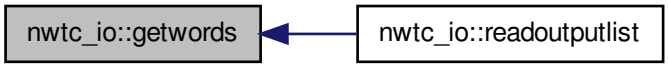
3.29.2.154 subroutine nwtc_io::getwords (character(∗), intent(in) *Line,* character(∗), dimension(numwords), intent(out) *Words,* integer, intent(in) *NumWords*)

Definition at line 16095 of file tempassembled.f90.

3.29.2.155 subroutine nwtc_io::getwords (character(∗), intent(in) *Line,* character(∗), dimension(numwords), intent(out) *Words,* integer, intent(in) *NumWords*)

Definition at line 2225 of file tempassembled.f90.

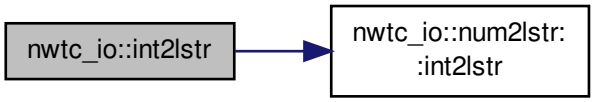
Here is the caller graph for this function:



3.29.2.156 character(11) function nwtc_io::int2lstr (integer, intent(in) *Intgr*)

Definition at line 2296 of file tempassembled.f90.

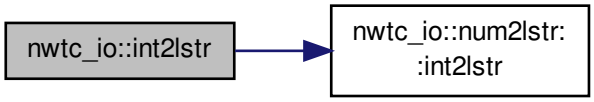
Here is the call graph for this function:



3.29.2.157 character(11) function nwtc_io::int2lstr (integer, intent(in) *Intgr*)

Definition at line 57807 of file tempassembled.f90.

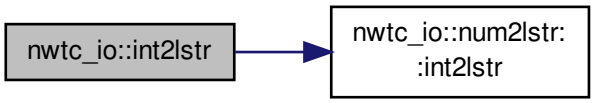
Here is the call graph for this function:



3.29.2.158 character(11) function nwtc_io::int2lstr (integer, intent(in) *Intgr*)

Definition at line 30036 of file tempassembled.f90.

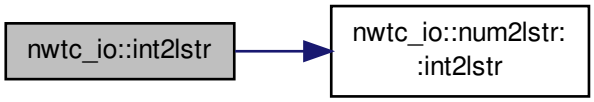
Here is the call graph for this function:



3.29.2.159 character(11) function nwtc_io::int2lstr (integer, intent(in) *Intgr*)

Definition at line 16166 of file tempassembled.f90.

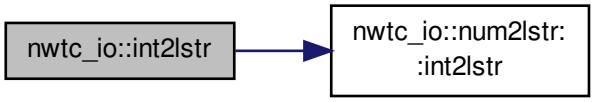
Here is the call graph for this function:



3.29.2.160 character(11) function nwtc_io::int2lstr (integer, intent(in) *Intgr*)

Definition at line 43906 of file tempassembled.f90.

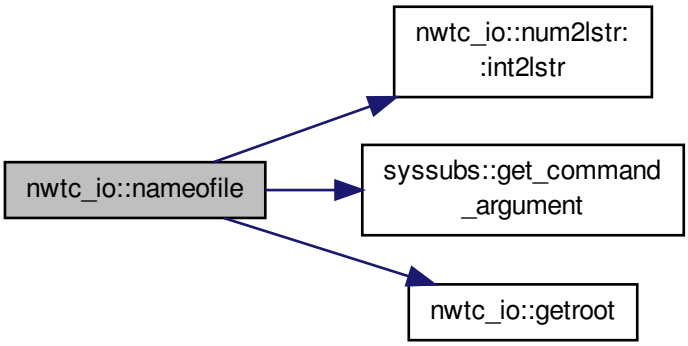
Here is the call graph for this function:



3.29.2.161 subroutine nwtc_io::nameofile (integer, intent(in) *InArg,* character(∗), intent(in) *OutExten,* character(∗), intent(out) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 2320 of file tempassembled.f90.

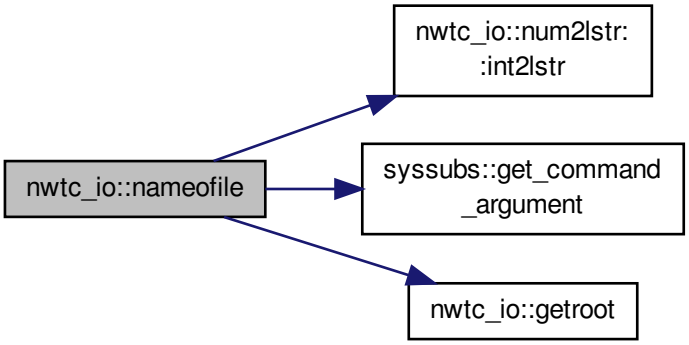
Here is the call graph for this function:



3.29.2.162 subroutine nwtc_io::nameofile (integer, intent(in) *InArg,* character(∗), intent(in) *OutExten,* character(∗), intent(out) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 57831 of file tempassembled.f90.

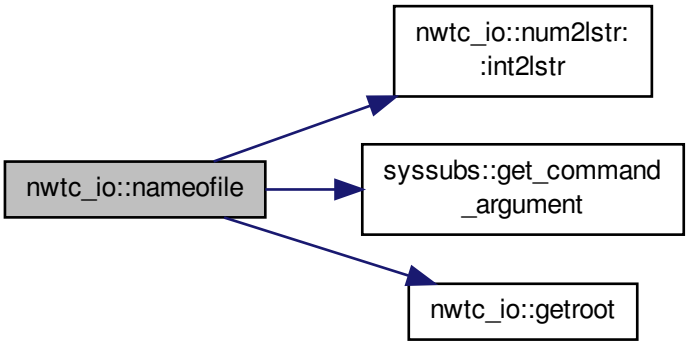
Here is the call graph for this function:



3.29.2.163 subroutine nwtc_io::nameofile (integer, intent(in) *InArg,* character(∗), intent(in) *OutExten,* character(∗), intent(out) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 30060 of file tempassembled.f90.

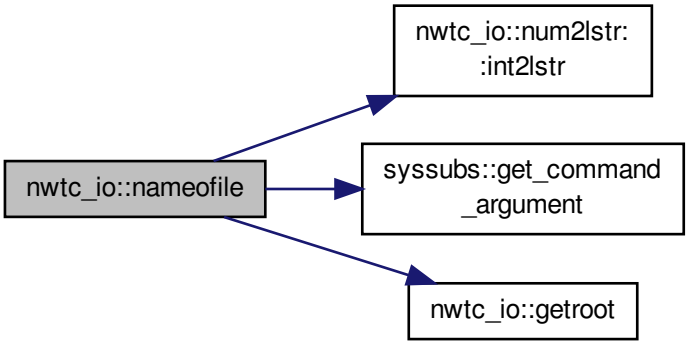
Here is the call graph for this function:



3.29.2.164 subroutine nwtc_io::nameofile (integer, intent(in) *InArg,* character(∗), intent(in) *OutExten,* character(∗), intent(out) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 16190 of file tempassembled.f90.

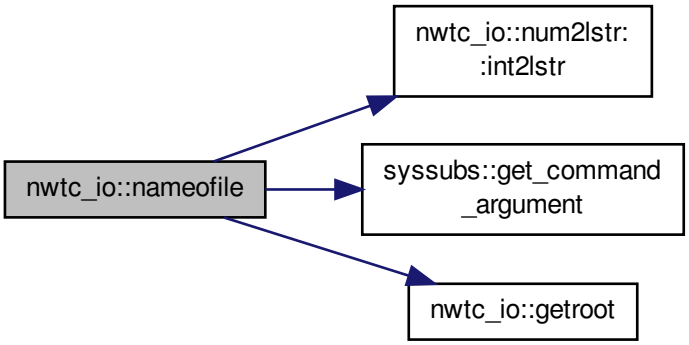
Here is the call graph for this function:



3.29.2.165 subroutine nwtc_io::nameofile (integer, intent(in) *InArg,* character(∗), intent(in) *OutExten,* character(∗), intent(out) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 43930 of file tempassembled.f90.

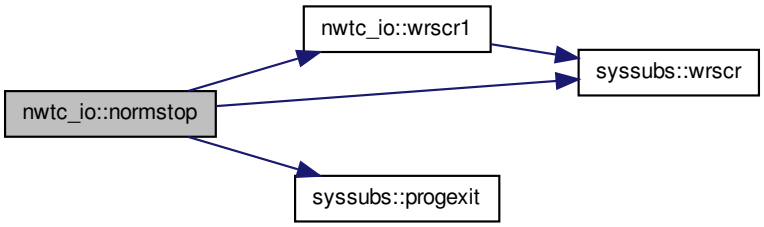
Here is the call graph for this function:



3.29.2.166 subroutine nwtc_io::normstop ( )

Definition at line 2365 of file tempassembled.f90.

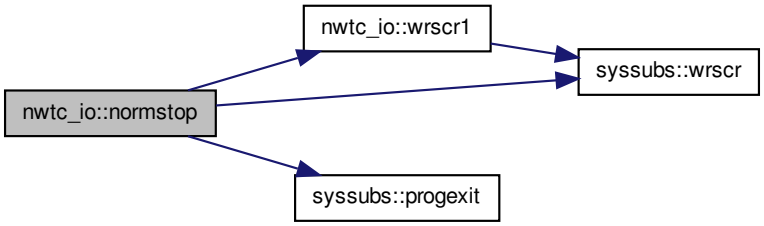
Here is the call graph for this function:



3.29.2.167 subroutine nwtc_io::normstop ( )

Definition at line 57876 of file tempassembled.f90.

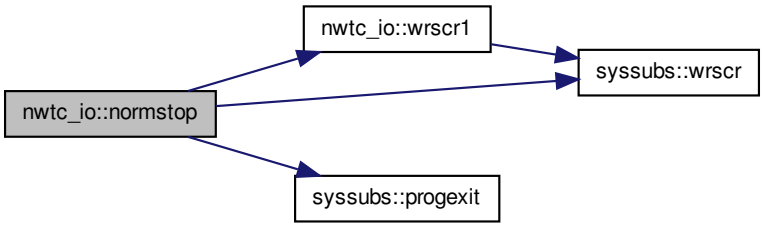
Here is the call graph for this function:



3.29.2.168 subroutine nwtc_io::normstop ( )

Definition at line 30105 of file tempassembled.f90.

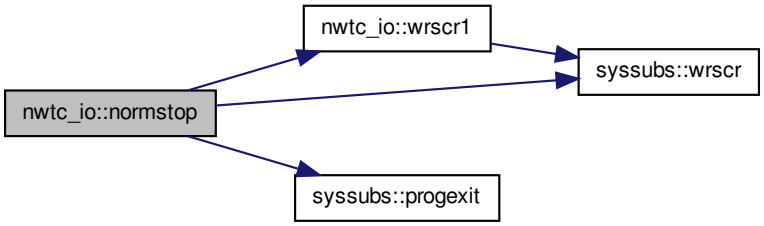
Here is the call graph for this function:



3.29.2.169 subroutine nwtc_io::normstop ( )

Definition at line 16235 of file tempassembled.f90.

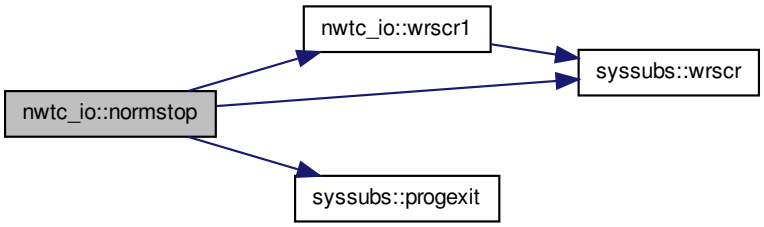
Here is the call graph for this function:



3.29.2.170 subroutine nwtc_io::normstop ( )

Definition at line 43975 of file tempassembled.f90.

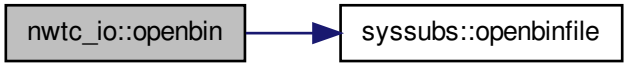
Here is the call graph for this function:



3.29.2.171 subroutine nwtc_io::openbin (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(in) *RecLen,* integer, intent(out), optional *ErrStat*)

Definition at line 2378 of file tempassembled.f90.

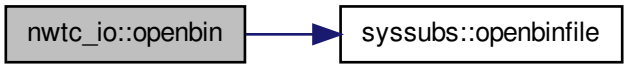
Here is the call graph for this function:



3.29.2.172 subroutine nwtc_io::openbin (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(in) *RecLen,* integer, intent(out), optional *ErrStat*)

Definition at line 57889 of file tempassembled.f90.

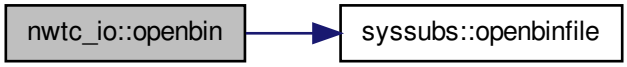
Here is the call graph for this function:



3.29.2.173 subroutine nwtc_io::openbin (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(in) *RecLen,* integer, intent(out), optional *ErrStat*)

Definition at line 30118 of file tempassembled.f90.

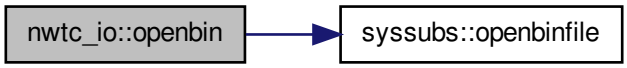
Here is the call graph for this function:



3.29.2.174 subroutine nwtc_io::openbin (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(in) *RecLen,* integer, intent(out), optional *ErrStat*)

Definition at line 43988 of file tempassembled.f90.

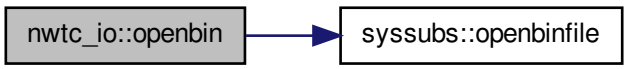
Here is the call graph for this function:



3.29.2.175 subroutine nwtc_io::openbin (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(in) *RecLen,* integer, intent(out), optional *ErrStat*)

Definition at line 16248 of file tempassembled.f90.

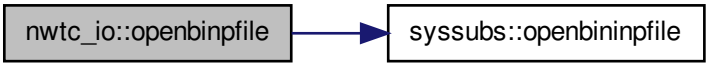
Here is the call graph for this function:



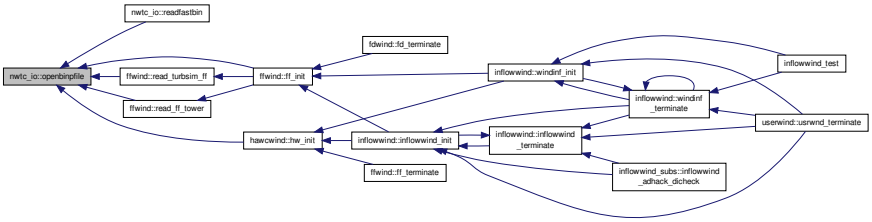
3.29.2.176 subroutine nwtc_io::openbinpfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(out), optional *ErrStat*)

Definition at line 2415 of file tempassembled.f90.

Here is the call graph for this function:



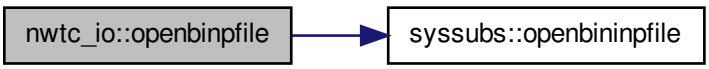
Here is the caller graph for this function:



3.29.2.177 subroutine nwtc_io::openbinpfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(out), optional *ErrStat*)

Definition at line 57926 of file tempassembled.f90.

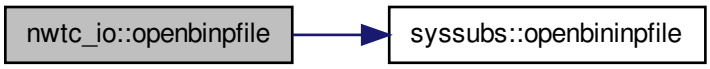
Here is the call graph for this function:



3.29.2.178 subroutine nwtc_io::openbinpfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(out), optional *ErrStat*)

Definition at line 30155 of file tempassembled.f90.

Here is the call graph for this function:



3.29.2.179 subroutine nwtc_io::openbinpfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(out), optional *ErrStat*)

Definition at line 16285 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.180 subroutine nwtc_io::openbinpfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(out), optional *ErrStat*)

Definition at line 44025 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.181 subroutine nwtc_io::openecho (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 57984 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.182 subroutine nwtc_io::openecho (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 2473 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.183 subroutine nwtc_io::openecho (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 30213 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.184 subroutine nwtc_io::openecho (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 16343 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.185 subroutine nwtc_io::openecho (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 44083 of file tempassembled.f90.

Here is the call graph for this function:

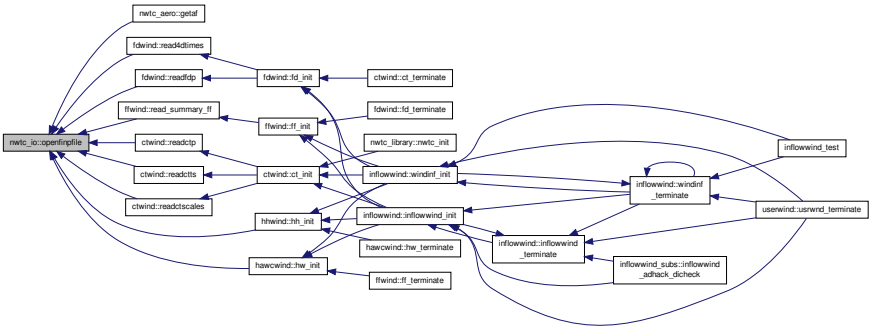
3.29.2.186 subroutine nwtc_io::openfinpfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(out), optional *ErrStat*)

Definition at line 58017 of file tempassembled.f90.

3.29.2.187 subroutine nwtc_io::openfinpfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(out), optional *ErrStat*)

Definition at line 2506 of file tempassembled.f90.

Here is the caller graph for this function:



3.29.2.188 subroutine nwtc_io::openfinpfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(out), optional *ErrStat*)

Definition at line 30246 of file tempassembled.f90.

3.29.2.189 subroutine nwtc_io::openfinpfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(out), optional *ErrStat*)

Definition at line 16376 of file tempassembled.f90.

3.29.2.190 subroutine nwtc_io::openfinpfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(out), optional *ErrStat*)

Definition at line 44116 of file tempassembled.f90.

3.29.2.191 subroutine nwtc_io::openfoutfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 30295 of file tempassembled.f90.

3.29.2.192 subroutine nwtc_io::openfoutfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 44165 of file tempassembled.f90.

3.29.2.193 subroutine nwtc_io::openfoutfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 16425 of file tempassembled.f90.

3.29.2.194 subroutine nwtc_io::openfoutfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 2555 of file tempassembled.f90.

Here is the caller graph for this function:

3.29.2.195 subroutine nwtc_io::openfoutfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 58066 of file tempassembled.f90.

3.29.2.196 subroutine nwtc_io::openfunkfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* logical, intent(in) *FailAbt,* logical, intent(out) *Failed,* logical, intent(out) *Exists,* integer, intent(out), optional *ErrStat*)

Definition at line 44200 of file tempassembled.f90.

3.29.2.197 subroutine nwtc_io::openfunkfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* logical, intent(in) *FailAbt,* logical, intent(out) *Failed,* logical, intent(out) *Exists,* integer, intent(out), optional *ErrStat*)

Definition at line 2590 of file tempassembled.f90.

3.29.2.198 subroutine nwtc_io::openfunkfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* logical, intent(in) *FailAbt,* logical, intent(out) *Failed,* logical, intent(out) *Exists,* integer, intent(out), optional *ErrStat*)

Definition at line 58101 of file tempassembled.f90.

3.29.2.199 subroutine nwtc_io::openfunkfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* logical, intent(in) *FailAbt,* logical, intent(out) *Failed,* logical, intent(out) *Exists,* integer, intent(out), optional *ErrStat*)

Definition at line 30330 of file tempassembled.f90.

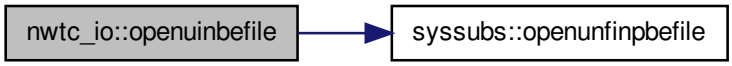
3.29.2.200 subroutine nwtc_io::openfunkfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* logical, intent(in) *FailAbt,* logical, intent(out) *Failed,* logical, intent(out) *Exists,* integer, intent(out), optional *ErrStat*)

Definition at line 16460 of file tempassembled.f90.

3.29.2.201 subroutine nwtc_io::openuinbefile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(in) *RecLen,* integer, intent(out), optional *ErrStat*)

Definition at line 58197 of file tempassembled.f90.

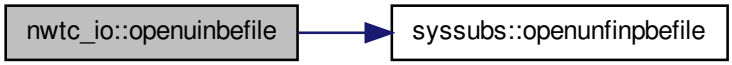
Here is the call graph for this function:



3.29.2.202 subroutine nwtc_io::openuinbefile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(in) *RecLen,* integer, intent(out), optional *ErrStat*)

Definition at line 44296 of file tempassembled.f90.

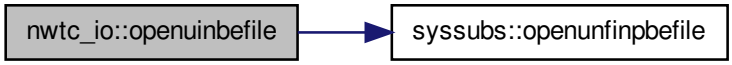
Here is the call graph for this function:



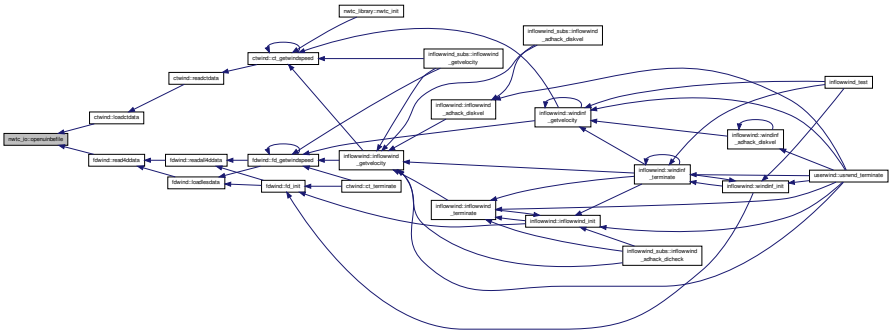
3.29.2.203 subroutine nwtc_io::openuinbefile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(in) *RecLen,* integer, intent(out), optional *ErrStat*)

Definition at line 2686 of file tempassembled.f90.

Here is the call graph for this function:



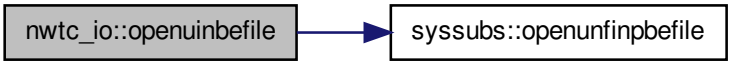
Here is the caller graph for this function:



3.29.2.204 subroutine nwtc_io::openuinbefile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(in) *RecLen,* integer, intent(out), optional *ErrStat*)

Definition at line 30426 of file tempassembled.f90.

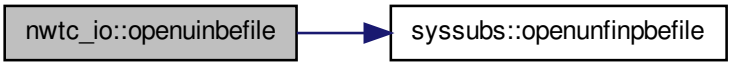
Here is the call graph for this function:



3.29.2.205 subroutine nwtc_io::openuinbefile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(in) *RecLen,* integer, intent(out), optional *ErrStat*)

Definition at line 16556 of file tempassembled.f90.

Here is the call graph for this function:



3.29.2.206 subroutine nwtc_io::openuinfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(out), optional *ErrStat*)

Definition at line 44249 of file tempassembled.f90.

3.29.2.207 subroutine nwtc_io::openuinfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(out), optional *ErrStat*)

Definition at line 58150 of file tempassembled.f90.

3.29.2.208 subroutine nwtc_io::openuinfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(out), optional *ErrStat*)

Definition at line 30379 of file tempassembled.f90.

3.29.2.209 subroutine nwtc_io::openuinfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(out), optional *ErrStat*)

Definition at line 2639 of file tempassembled.f90.

3.29.2.210 subroutine nwtc_io::openuinfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(out), optional *ErrStat*)

Definition at line 16509 of file tempassembled.f90.

3.29.2.211 subroutine nwtc_io::openuoutfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 58251 of file tempassembled.f90.

3.29.2.212 subroutine nwtc_io::openuoutfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 44350 of file tempassembled.f90.

3.29.2.213 subroutine nwtc_io::openuoutfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 2740 of file tempassembled.f90.

3.29.2.214 subroutine nwtc_io::openuoutfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 30480 of file tempassembled.f90.

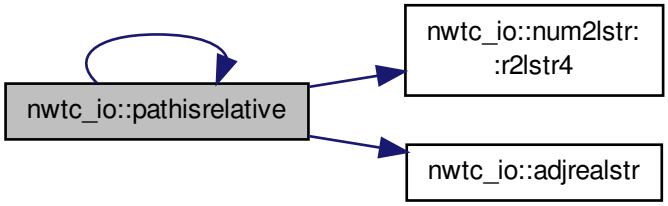
3.29.2.215 subroutine nwtc_io::openuoutfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(out), optional *ErrStat*)

Definition at line 16610 of file tempassembled.f90.

3.29.2.216 logical function nwtc_io::pathisrelative (character(∗), intent(in) *GivenFil*)

Definition at line 44384 of file tempassembled.f90.

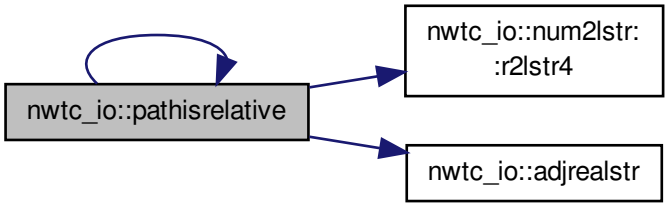
Here is the call graph for this function:



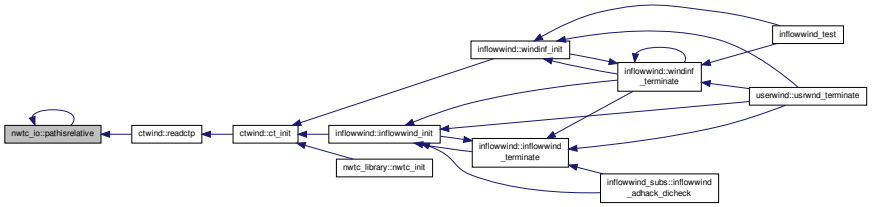
3.29.2.217 logical function nwtc_io::pathisrelative (character(∗), intent(in) *GivenFil*)

Definition at line 2774 of file tempassembled.f90.

Here is the call graph for this function:



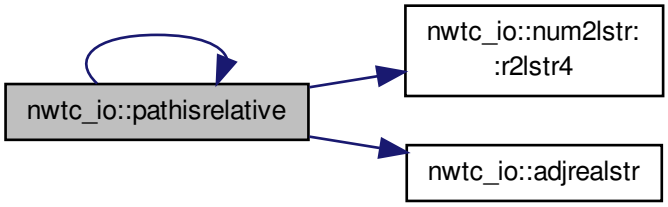
Here is the caller graph for this function:



3.29.2.218 logical function nwtc_io::pathisrelative (character(∗), intent(in) *GivenFil*)

Definition at line 30514 of file tempassembled.f90.

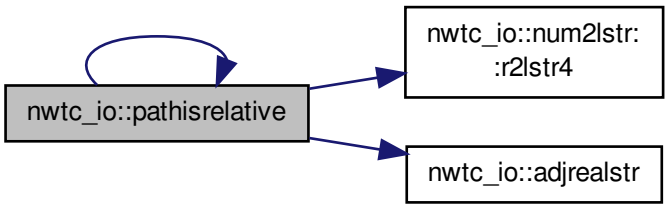
Here is the call graph for this function:



3.29.2.219 logical function nwtc_io::pathisrelative (character(∗), intent(in) *GivenFil*)

Definition at line 58285 of file tempassembled.f90.

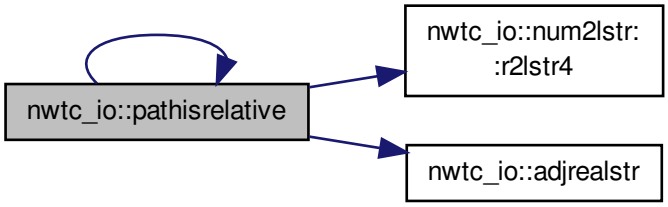
Here is the call graph for this function:



3.29.2.220 logical function nwtc_io::pathisrelative (character(∗), intent(in) *GivenFil*)

Definition at line 16644 of file tempassembled.f90.

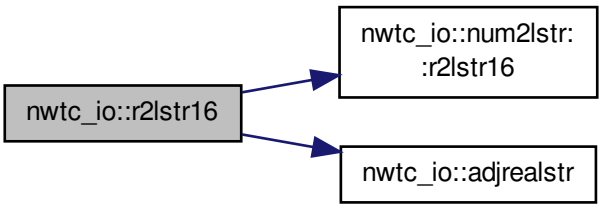
Here is the call graph for this function:



3.29.2.221 character(15) function nwtc_io::r2lstr16 (real(quki), intent(in) *FltNum*)

Definition at line 44573 of file tempassembled.f90.

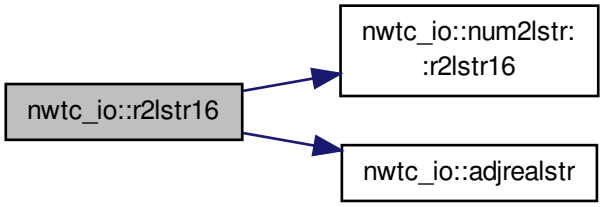
Here is the call graph for this function:



3.29.2.222 character(15) function nwtc_io::r2lstr16 (real(quki), intent(in) *FltNum*)

Definition at line 2963 of file tempassembled.f90.

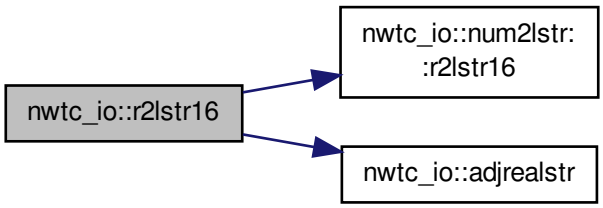
Here is the call graph for this function:



3.29.2.223 character(15) function nwtc_io::r2lstr16 (real(quki), intent(in) *FltNum*)

Definition at line 58474 of file tempassembled.f90.

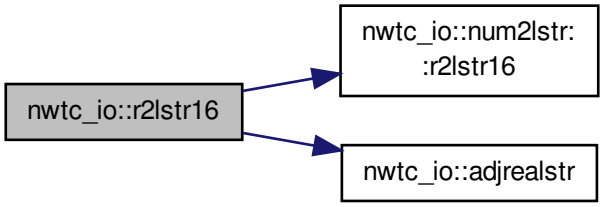
Here is the call graph for this function:



3.29.2.224 character(15) function nwtc_io::r2lstr16 (real(quki), intent(in) *FltNum*)

Definition at line 30703 of file tempassembled.f90.

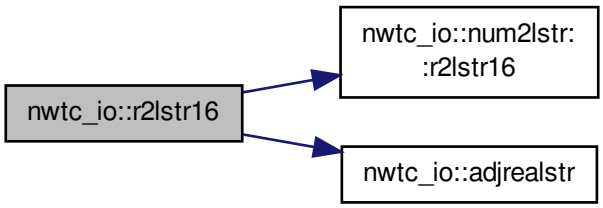
Here is the call graph for this function:



3.29.2.225 character(15) function nwtc_io::r2lstr16 (real(quki), intent(in) *FltNum*)

Definition at line 16833 of file tempassembled.f90.

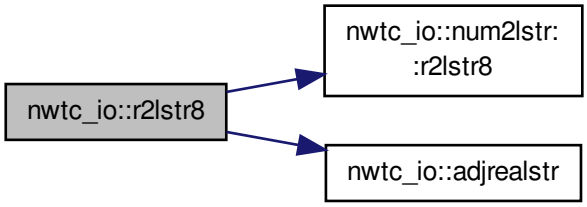
Here is the call graph for this function:



3.29.2.226 character(15) function nwtc_io::r2lstr8 (real(r8ki), intent(in) *FltNum*)

Definition at line 44538 of file tempassembled.f90.

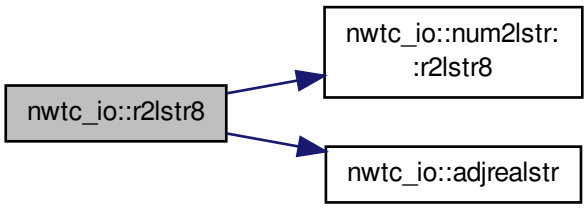
Here is the call graph for this function:



3.29.2.227 character(15) function nwtc_io::r2lstr8 (real(r8ki), intent(in) *FltNum*)

Definition at line 2928 of file tempassembled.f90.

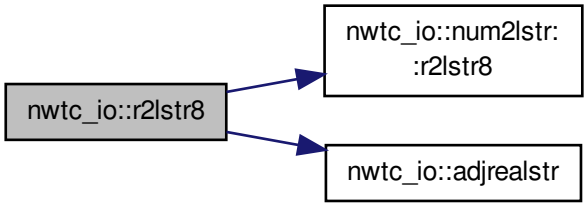
Here is the call graph for this function:



3.29.2.228 character(15) function nwtc_io::r2lstr8 (real(r8ki), intent(in) *FltNum*)

Definition at line 30668 of file tempassembled.f90.

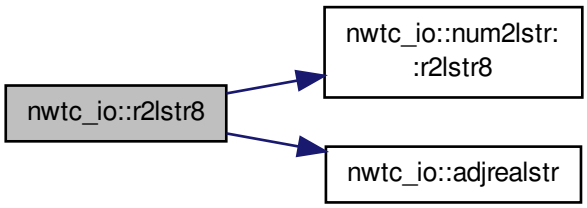
Here is the call graph for this function:



3.29.2.229 character(15) function nwtc_io::r2lstr8 (real(r8ki), intent(in) *FltNum*)

Definition at line 58439 of file tempassembled.f90.

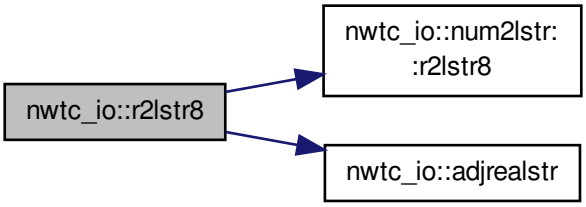
Here is the call graph for this function:



3.29.2.230 character(15) function nwtc_io::r2lstr8 (real(r8ki), intent(in) *FltNum*)

Definition at line 16798 of file tempassembled.f90.

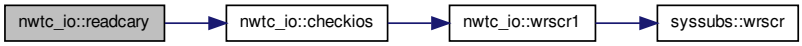
Here is the call graph for this function:



3.29.2.231 subroutine nwtc_io::readcary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 30739 of file tempassembled.f90.

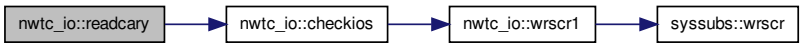
Here is the call graph for this function:



3.29.2.232 subroutine nwtc_io::readcary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 2999 of file tempassembled.f90.

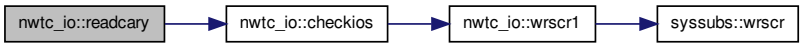
Here is the call graph for this function:



3.29.2.233 subroutine nwtc_io::readcary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 58510 of file tempassembled.f90.

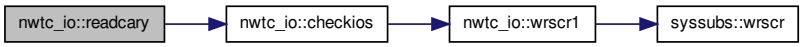
Here is the call graph for this function:



3.29.2.234 subroutine nwtc_io::readcary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 44609 of file tempassembled.f90.

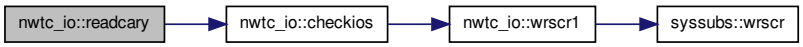
Here is the call graph for this function:



3.29.2.235 subroutine nwtc_io::readcary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 16869 of file tempassembled.f90.

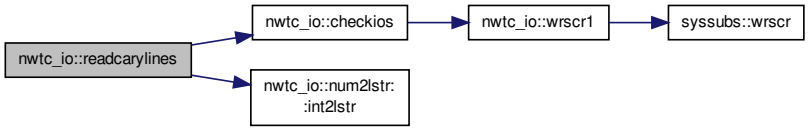
Here is the call graph for this function:



3.29.2.236 subroutine nwtc_io::readcarylines (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 44653 of file tempassembled.f90.

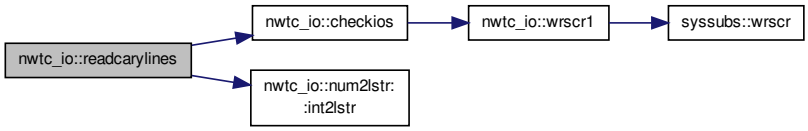
Here is the call graph for this function:



3.29.2.237 subroutine nwtc_io::readcarylines (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 58554 of file tempassembled.f90.

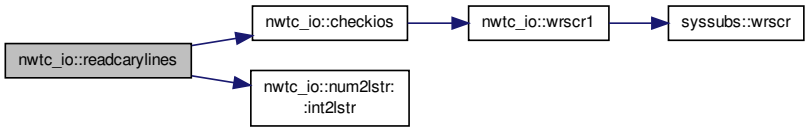
Here is the call graph for this function:



3.29.2.238 subroutine nwtc_io::readcarylines (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3043 of file tempassembled.f90.

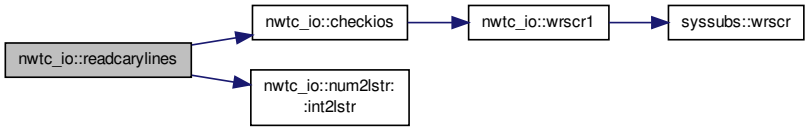
Here is the call graph for this function:



3.29.2.239 subroutine nwtc_io::readcarylines (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 30783 of file tempassembled.f90.

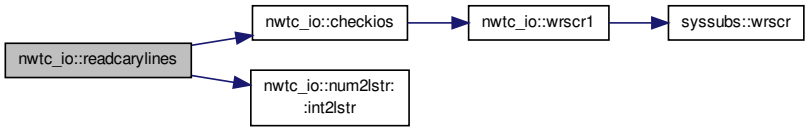
Here is the call graph for this function:



3.29.2.240 subroutine nwtc_io::readcarylines (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 16913 of file tempassembled.f90.

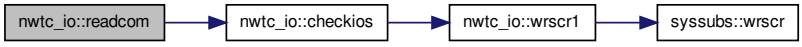
Here is the call graph for this function:



3.29.2.241 subroutine nwtc_io::readcom (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(in) *ComName,* integer, intent(out), optional *ErrStat*)

Definition at line 44700 of file tempassembled.f90.

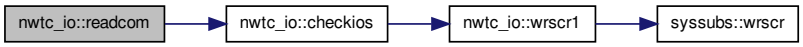
Here is the call graph for this function:



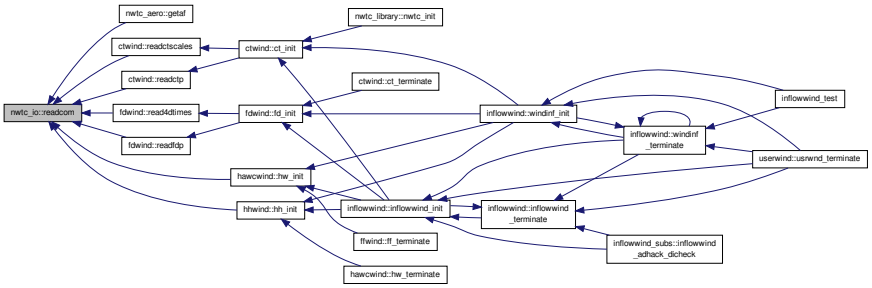
3.29.2.242 subroutine nwtc_io::readcom (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(in) *ComName,* integer, intent(out), optional *ErrStat*)

Definition at line 3090 of file tempassembled.f90.

Here is the call graph for this function:



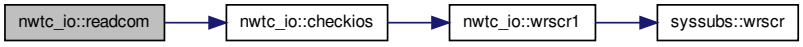
Here is the caller graph for this function:



3.29.2.243 subroutine nwtc_io::readcom (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(in) *ComName,* integer, intent(out), optional *ErrStat*)

Definition at line 58601 of file tempassembled.f90.

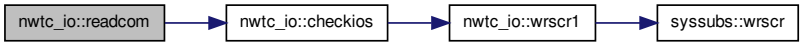
Here is the call graph for this function:



3.29.2.244 subroutine nwtc_io::readcom (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(in) *ComName,* integer, intent(out), optional *ErrStat*)

Definition at line 16960 of file tempassembled.f90.

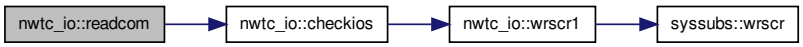
Here is the call graph for this function:



3.29.2.245 subroutine nwtc_io::readcom (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(in) *ComName,* integer, intent(out), optional *ErrStat*)

Definition at line 30830 of file tempassembled.f90.

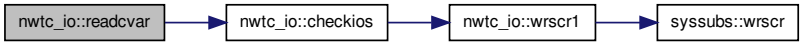
Here is the call graph for this function:



3.29.2.246 subroutine nwtc_io::readcvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *CharVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 44739 of file tempassembled.f90.

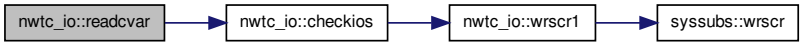
Here is the call graph for this function:



3.29.2.247 subroutine nwtc_io::readcvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *CharVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 16999 of file tempassembled.f90.

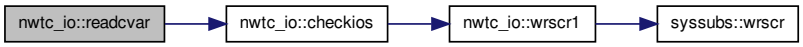
Here is the call graph for this function:



3.29.2.248 subroutine nwtc_io::readcvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *CharVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 58640 of file tempassembled.f90.

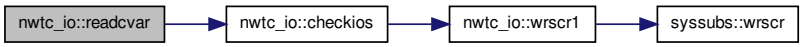
Here is the call graph for this function:



3.29.2.249 subroutine nwtc_io::readcvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *CharVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 30869 of file tempassembled.f90.

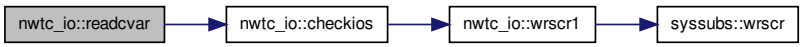
Here is the call graph for this function:



3.29.2.250 subroutine nwtc_io::readcvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *CharVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3129 of file tempassembled.f90.

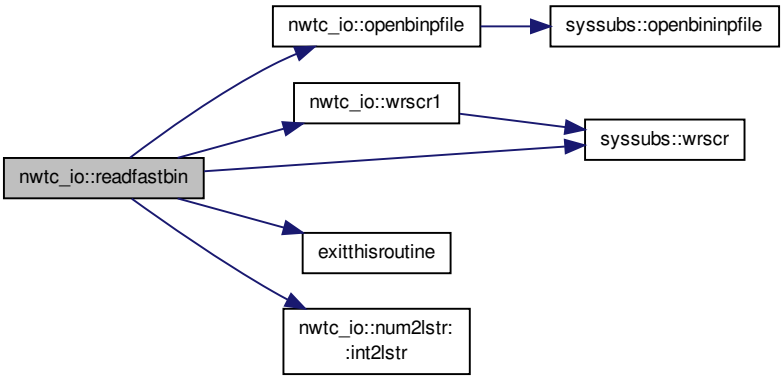
Here is the call graph for this function:



3.29.2.251 subroutine nwtc_io::readfastbin (integer(intki), intent(inout) *UnIn,* type (fastdatatype), intent(inout) *FASTdata,* integer(intki), intent(out), optional *ErrLev,* character(∗), intent(out), optional *ErrMsg*)

Definition at line 30912 of file tempassembled.f90.

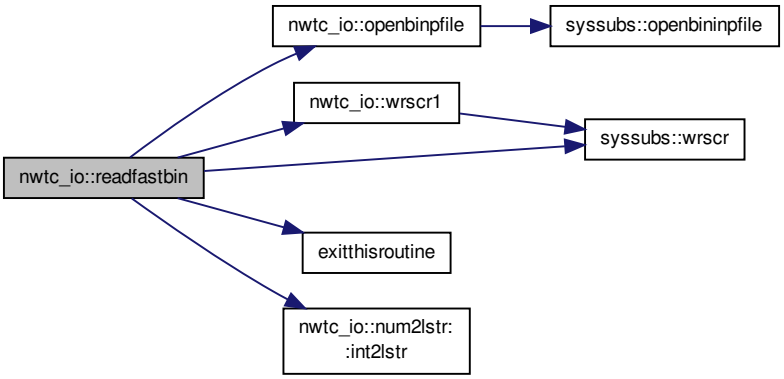
Here is the call graph for this function:



3.29.2.252 subroutine nwtc_io::readfastbin (integer(intki), intent(inout) *UnIn,* type (fastdatatype), intent(inout) *FASTdata,* integer(intki), intent(out), optional *ErrLev,* character(∗), intent(out), optional *ErrMsg*)

Definition at line 17042 of file tempassembled.f90.

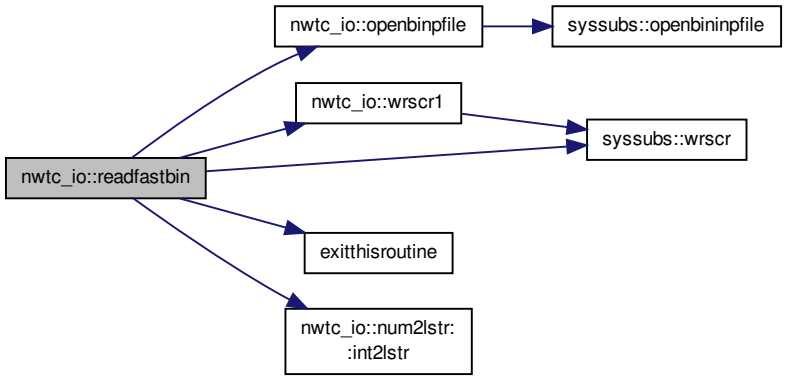
Here is the call graph for this function:



3.29.2.253 subroutine nwtc_io::readfastbin (integer(intki), intent(inout) *UnIn,* type (fastdatatype), intent(inout) *FASTdata,* integer(intki), intent(out), optional *ErrLev,* character(∗), intent(out), optional *ErrMsg*)

Definition at line 3172 of file tempassembled.f90.

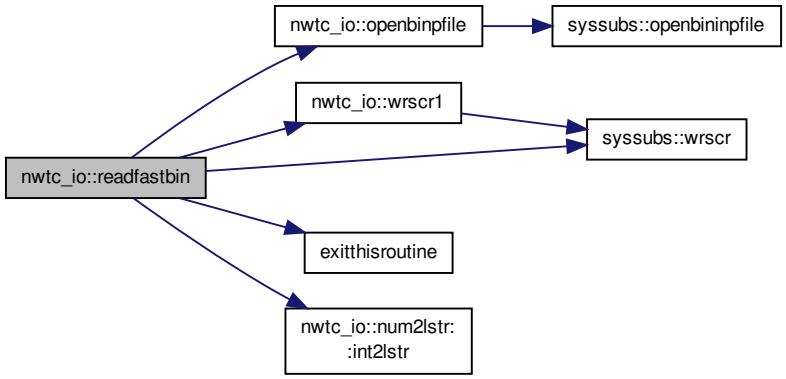
Here is the call graph for this function:



3.29.2.254 subroutine nwtc_io::readfastbin (integer(intki), intent(inout) *UnIn,* type (fastdatatype), intent(inout) *FASTdata,* integer(intki), intent(out), optional *ErrLev,* character(∗), intent(out), optional *ErrMsg*)

Definition at line 58683 of file tempassembled.f90.

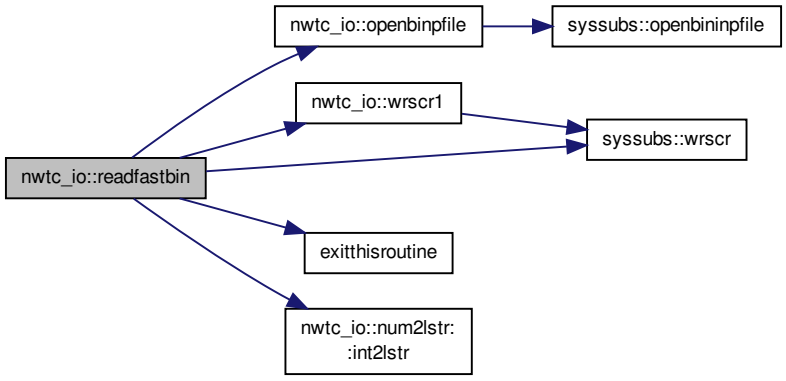
Here is the call graph for this function:



3.29.2.255 subroutine nwtc_io::readfastbin (integer(intki), intent(inout) *UnIn,* type (fastdatatype), intent(inout) *FASTdata,* integer(intki), intent(out), optional *ErrLev,* character(∗), intent(out), optional *ErrMsg*)

Definition at line 44782 of file tempassembled.f90.

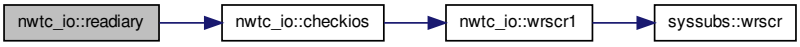
Here is the call graph for this function:



3.29.2.256 subroutine nwtc_io::readiary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, dimension(arylen), intent(out) *IntAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45114 of file tempassembled.f90.

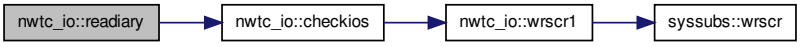
Here is the call graph for this function:



3.29.2.257 subroutine nwtc_io::readiary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, dimension(arylen), intent(out) *IntAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59015 of file tempassembled.f90.

Here is the call graph for this function:



3.29.2.258 subroutine nwtc_io::readiary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, dimension(arylen), intent(out) *IntAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17374 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.259 subroutine nwtc_io::readiary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, dimension(arylen), intent(out) *IntAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

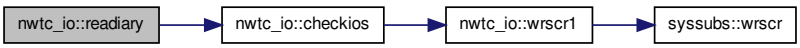
Definition at line 31244 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.260 subroutine nwtc_io::readiary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, dimension(arylen), intent(out) *IntAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3504 of file tempassembled.f90.

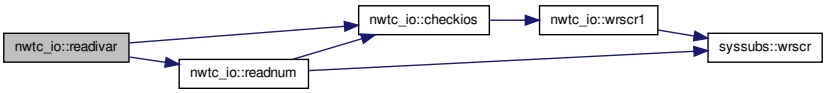
Here is the call graph for this function:



3.29.2.261 subroutine nwtc_io::readivar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, intent(out) *IntVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45160 of file tempassembled.f90.

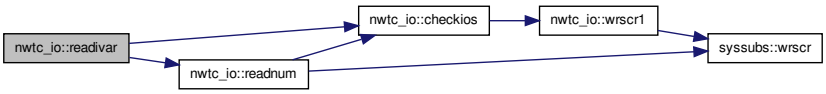
Here is the call graph for this function:



3.29.2.262 subroutine nwtc_io::readivar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, intent(out) *IntVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59061 of file tempassembled.f90.

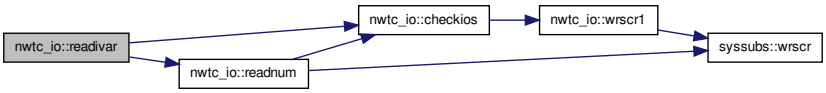
Here is the call graph for this function:



3.29.2.263 subroutine nwtc_io::readivar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, intent(out) *IntVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17420 of file tempassembled.f90.

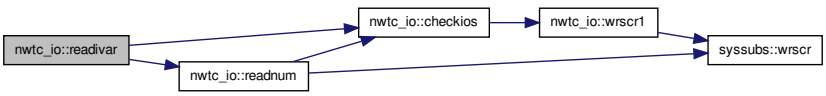
Here is the call graph for this function:



3.29.2.264 subroutine nwtc_io::readivar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, intent(out) *IntVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3550 of file tempassembled.f90.

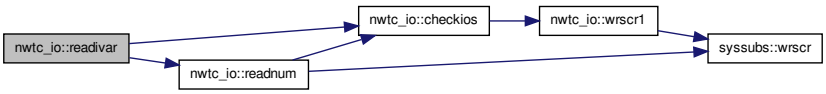
Here is the call graph for this function:



3.29.2.265 subroutine nwtc_io::readivar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, intent(out) *IntVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31290 of file tempassembled.f90.

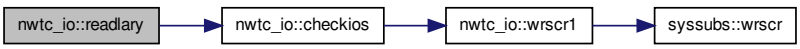
Here is the call graph for this function:



3.29.2.266 subroutine nwtc_io::readlary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, dimension(arylen), intent(out) *LogAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17470 of file tempassembled.f90.

Here is the call graph for this function:



3.29.2.267 subroutine nwtc_io::readlary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, dimension(arylen), intent(out) *LogAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45210 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.268 subroutine nwtc_io::readlary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, dimension(arylen), intent(out) *LogAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

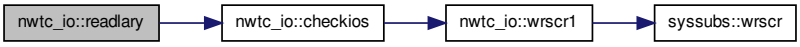
Definition at line 31340 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.269 subroutine nwtc_io::readlary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, dimension(arylen), intent(out) *LogAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3600 of file tempassembled.f90.

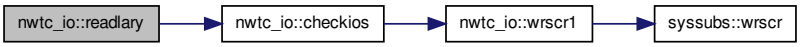
Here is the call graph for this function:



3.29.2.270 subroutine nwtc_io::readlary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, dimension(arylen), intent(out) *LogAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59111 of file tempassembled.f90.

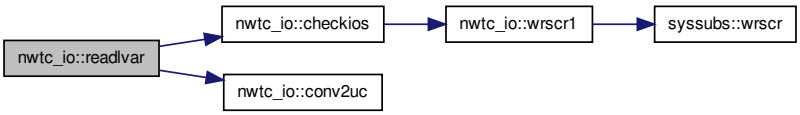
Here is the call graph for this function:



3.29.2.271 subroutine nwtc_io::readlvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, intent(out) *LogVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31387 of file tempassembled.f90.

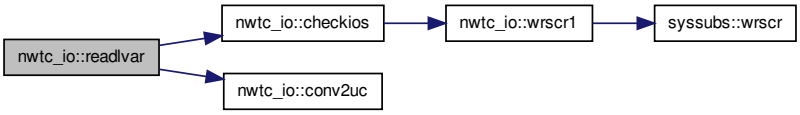
Here is the call graph for this function:



3.29.2.272 subroutine nwtc_io::readlvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, intent(out) *LogVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17517 of file tempassembled.f90.

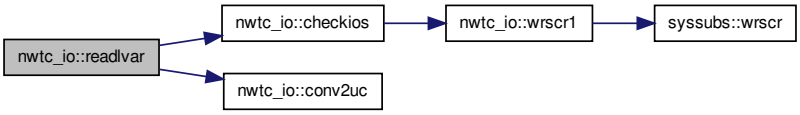
Here is the call graph for this function:



3.29.2.273 subroutine nwtc_io::readlvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, intent(out) *LogVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45257 of file tempassembled.f90.

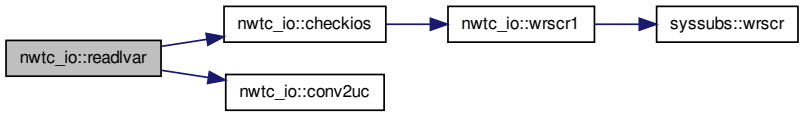
Here is the call graph for this function:



3.29.2.274 subroutine nwtc_io::readlvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, intent(out) *LogVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59158 of file tempassembled.f90.

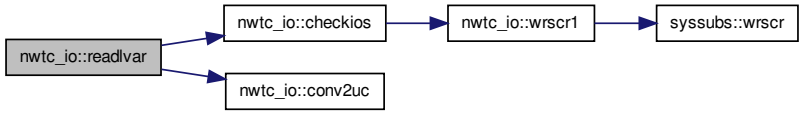
Here is the call graph for this function:



3.29.2.275 subroutine nwtc_io::readlvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, intent(out) *LogVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3647 of file tempassembled.f90.

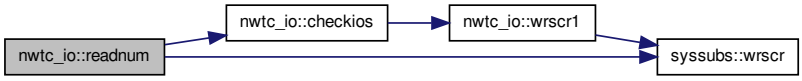
Here is the call graph for this function:



3.29.2.276 subroutine nwtc_io::readnum (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *Word,* character(∗), intent(in) *VarName,* integer, intent(out), optional *ErrStat*)

Definition at line 45306 of file tempassembled.f90.

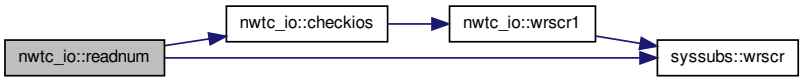
Here is the call graph for this function:



3.29.2.277 subroutine nwtc_io::readnum (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *Word,* character(∗), intent(in) *VarName,* integer, intent(out), optional *ErrStat*)

Definition at line 59207 of file tempassembled.f90.

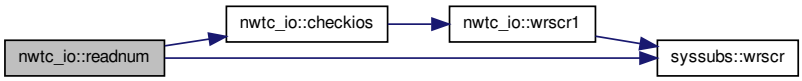
Here is the call graph for this function:



3.29.2.278 subroutine nwtc_io::readnum (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *Word,* character(∗), intent(in) *VarName,* integer, intent(out), optional *ErrStat*)

Definition at line 31436 of file tempassembled.f90.

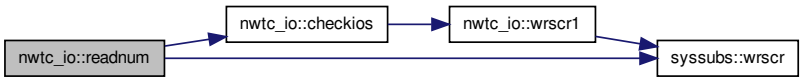
Here is the call graph for this function:



3.29.2.279 subroutine nwtc_io::readnum (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *Word,* character(∗), intent(in) *VarName,* integer, intent(out), optional *ErrStat*)

Definition at line 17566 of file tempassembled.f90.

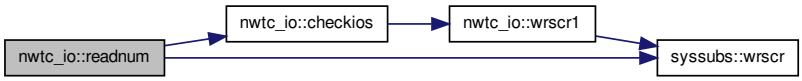
Here is the call graph for this function:



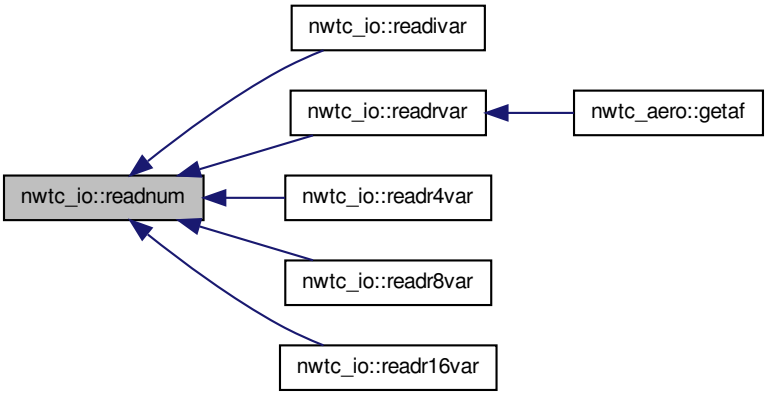
3.29.2.280 subroutine nwtc_io::readnum (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *Word,* character(∗), intent(in) *VarName,* integer, intent(out), optional *ErrStat*)

Definition at line 3696 of file tempassembled.f90.

Here is the call graph for this function:



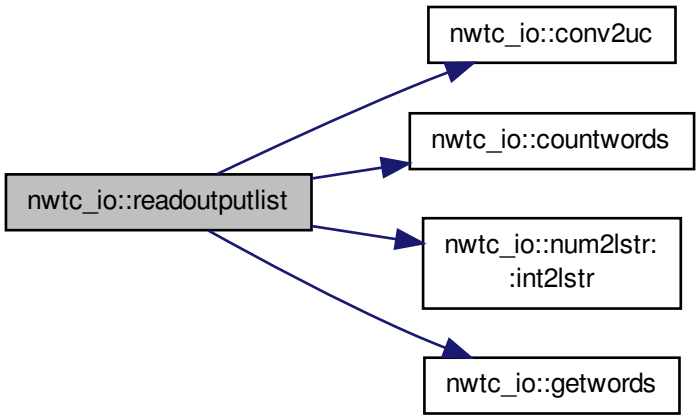
Here is the caller graph for this function:



3.29.2.281 subroutine nwtc_io::readoutputlist (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(:), intent(out) *CharAry,* integer, intent(out) *AryLenRead,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45357 of file tempassembled.f90.

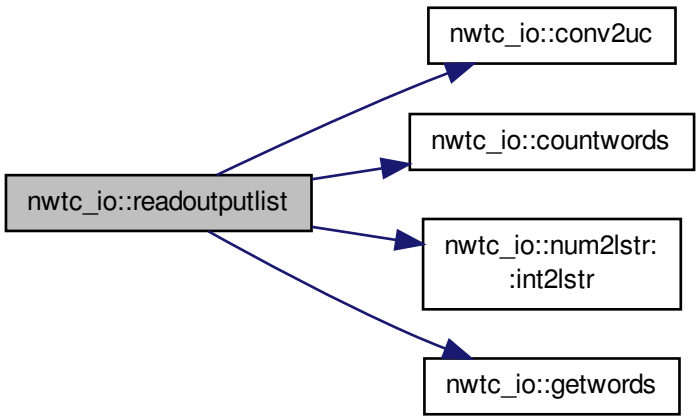
Here is the call graph for this function:



3.29.2.282 subroutine nwtc_io::readoutputlist (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(:), intent(out) *CharAry,* integer, intent(out) *AryLenRead,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17617 of file tempassembled.f90.

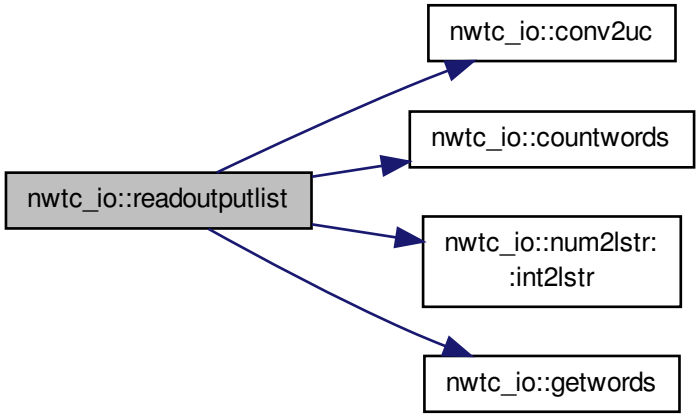
Here is the call graph for this function:



3.29.2.283 subroutine nwtc_io::readoutputlist (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(:), intent(out) *CharAry,* integer, intent(out) *AryLenRead,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31487 of file tempassembled.f90.

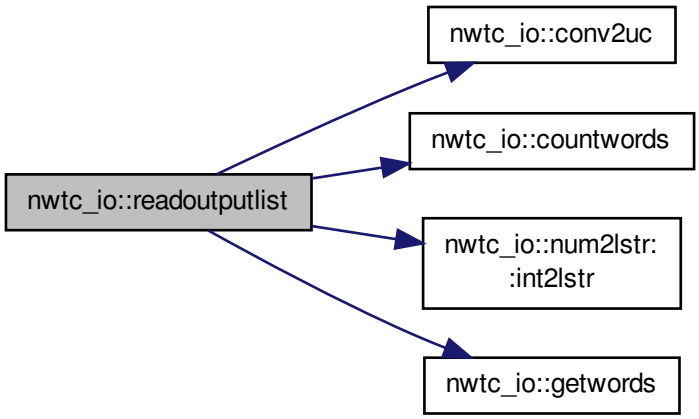
Here is the call graph for this function:



3.29.2.284 subroutine nwtc_io::readoutputlist (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(:), intent(out) *CharAry,* integer, intent(out) *AryLenRead,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3747 of file tempassembled.f90.

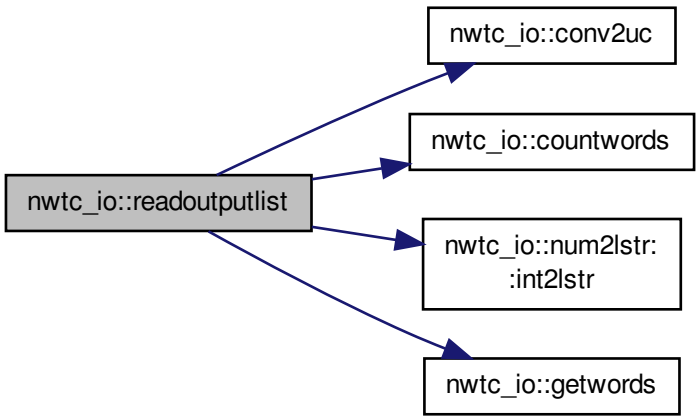
Here is the call graph for this function:



3.29.2.285 subroutine nwtc_io::readoutputlist (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(:), intent(out) *CharAry,* integer, intent(out) *AryLenRead,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59258 of file tempassembled.f90.

Here is the call graph for this function:



3.29.2.286 subroutine nwtc_io::readr16var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

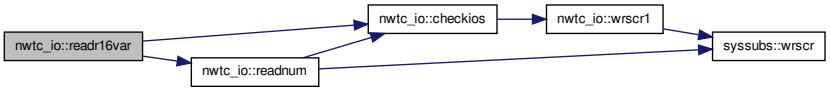
Definition at line 4219 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.287 subroutine nwtc_io::readr16var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 18089 of file tempassembled.f90.

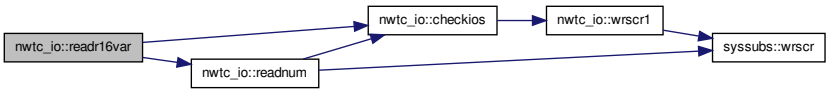
Here is the call graph for this function:



3.29.2.288 subroutine nwtc_io::readr16var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31959 of file tempassembled.f90.

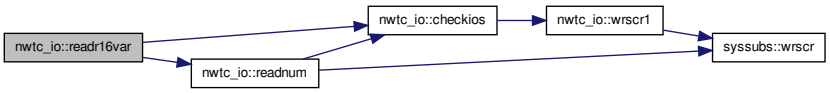
Here is the call graph for this function:



3.29.2.289 subroutine nwtc_io::readr16var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45829 of file tempassembled.f90.

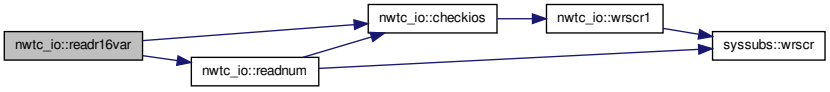
Here is the call graph for this function:



3.29.2.290 subroutine nwtc_io::readr16var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59730 of file tempassembled.f90.

Here is the call graph for this function:



3.29.2.291 subroutine nwtc_io::readr4var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

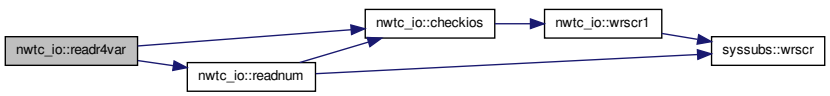
Definition at line 4117 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.292 subroutine nwtc_io::readr4var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17987 of file tempassembled.f90.

Here is the call graph for this function:



3.29.2.293 subroutine nwtc_io::readr4var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

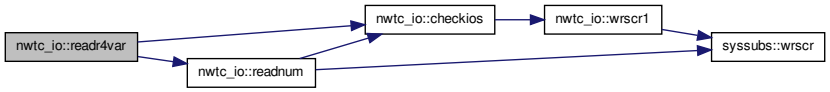
Definition at line 31857 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.294 subroutine nwtc_io::readr4var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59628 of file tempassembled.f90.

Here is the call graph for this function:



3.29.2.295 subroutine nwtc_io::readr4var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45727 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.296 subroutine nwtc_io::readr8var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 4168 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.297 subroutine nwtc_io::readr8var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

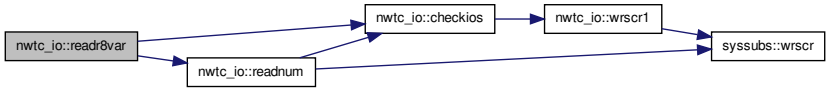
Definition at line 45778 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.298 subroutine nwtc_io::readr8var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 18038 of file tempassembled.f90.

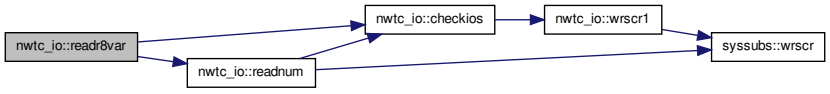
Here is the call graph for this function:



3.29.2.299 subroutine nwtc_io::readr8var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31908 of file tempassembled.f90.

Here is the call graph for this function:



3.29.2.300 subroutine nwtc_io::readr8var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

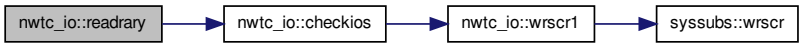
Definition at line 59679 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.301 subroutine nwtc_io::readrary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), dimension(arylen), intent(inout) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59341 of file tempassembled.f90.

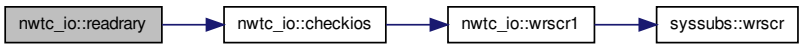
Here is the call graph for this function:



3.29.2.302 subroutine nwtc_io::readrary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), dimension(arylen), intent(inout) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17700 of file tempassembled.f90.

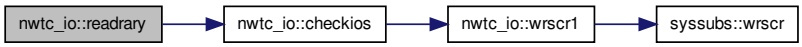
Here is the call graph for this function:



3.29.2.303 subroutine nwtc_io::readrary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), dimension(arylen), intent(inout) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45440 of file tempassembled.f90.

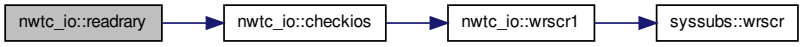
Here is the call graph for this function:



3.29.2.304 subroutine nwtc_io::readrary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), dimension(arylen), intent(inout) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31570 of file tempassembled.f90.

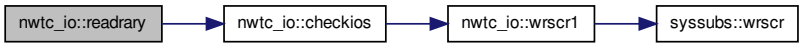
Here is the call graph for this function:



3.29.2.305 subroutine nwtc_io::readrary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), dimension(arylen), intent(inout) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3830 of file tempassembled.f90.

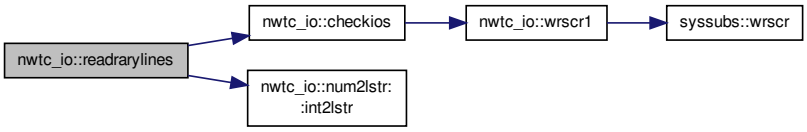
Here is the call graph for this function:



3.29.2.306 subroutine nwtc_io::readrarylines (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59388 of file tempassembled.f90.

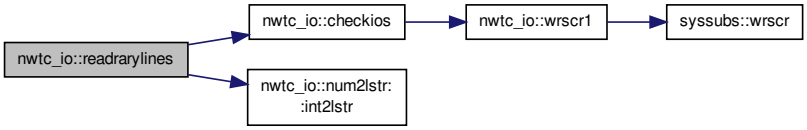
Here is the call graph for this function:



3.29.2.307 subroutine nwtc_io::readrarylines (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3877 of file tempassembled.f90.

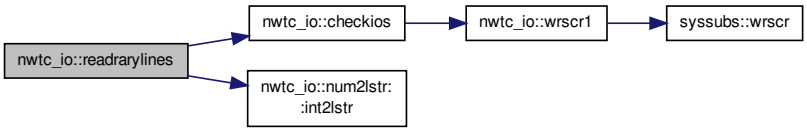
Here is the call graph for this function:



3.29.2.308 subroutine nwtc_io::readrarylines (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45487 of file tempassembled.f90.

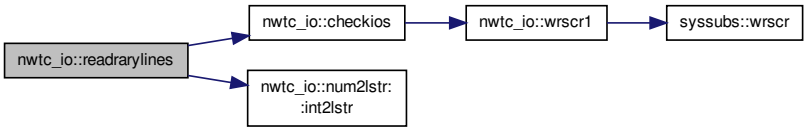
Here is the call graph for this function:



3.29.2.309 subroutine nwtc_io::readrarylines (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17747 of file tempassembled.f90.

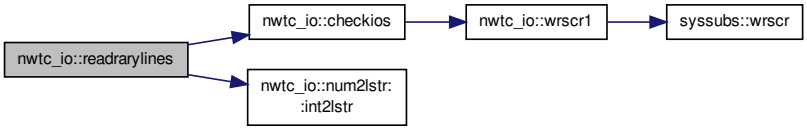
Here is the call graph for this function:



3.29.2.310 subroutine nwtc_io::readrarylines (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31617 of file tempassembled.f90.

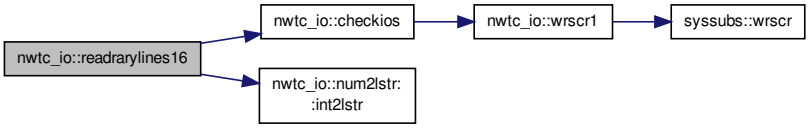
Here is the call graph for this function:



3.29.2.311 subroutine nwtc_io::readrarylines16 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 4018 of file tempassembled.f90.

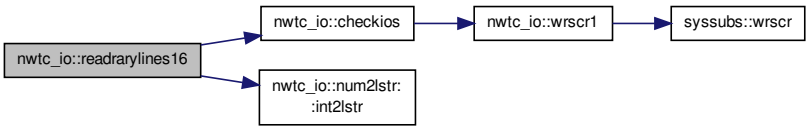
Here is the call graph for this function:



3.29.2.312 subroutine nwtc_io::readrarylines16 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45628 of file tempassembled.f90.

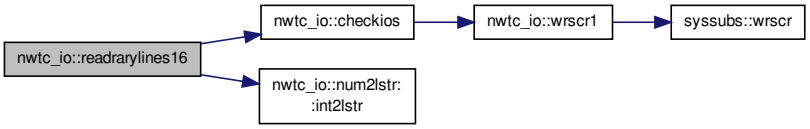
Here is the call graph for this function:



3.29.2.313 subroutine nwtc_io::readrarylines16 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59529 of file tempassembled.f90.

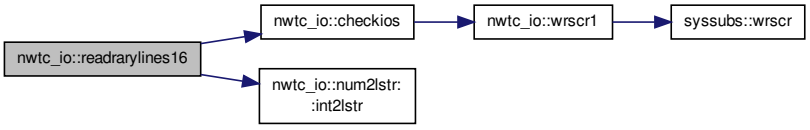
Here is the call graph for this function:



3.29.2.314 subroutine nwtc_io::readrarylines16 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31758 of file tempassembled.f90.

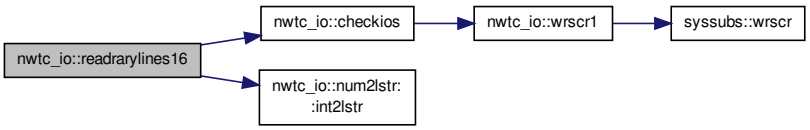
Here is the call graph for this function:



3.29.2.315 subroutine nwtc_io::readrarylines16 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17888 of file tempassembled.f90.

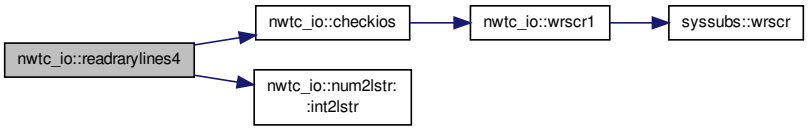
Here is the call graph for this function:



3.29.2.316 subroutine nwtc_io::readrarylines4 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31664 of file tempassembled.f90.

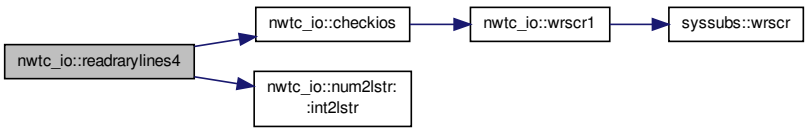
Here is the call graph for this function:



3.29.2.317 subroutine nwtc_io::readrarylines4 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45534 of file tempassembled.f90.

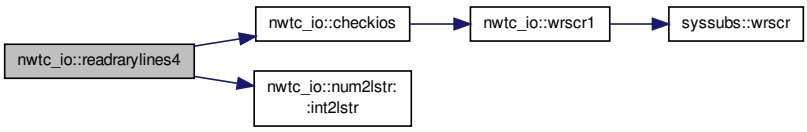
Here is the call graph for this function:



3.29.2.318 subroutine nwtc_io::readrarylines4 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3924 of file tempassembled.f90.

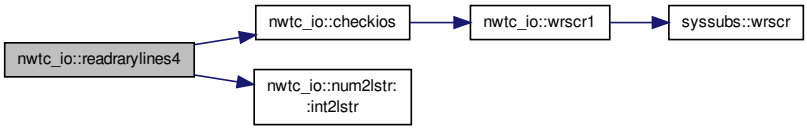
Here is the call graph for this function:



3.29.2.319 subroutine nwtc_io::readrarylines4 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17794 of file tempassembled.f90.

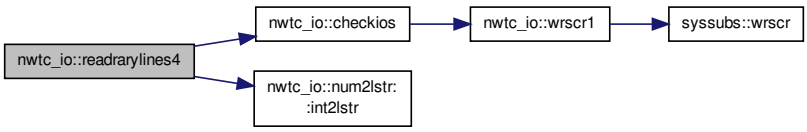
Here is the call graph for this function:



3.29.2.320 subroutine nwtc_io::readrarylines4 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59435 of file tempassembled.f90.

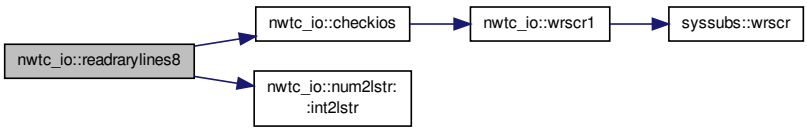
Here is the call graph for this function:



3.29.2.321 subroutine nwtc_io::readrarylines8 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45581 of file tempassembled.f90.

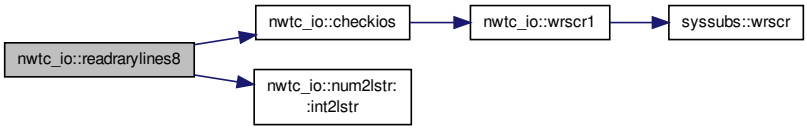
Here is the call graph for this function:



3.29.2.322 subroutine nwtc_io::readrarylines8 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31711 of file tempassembled.f90.

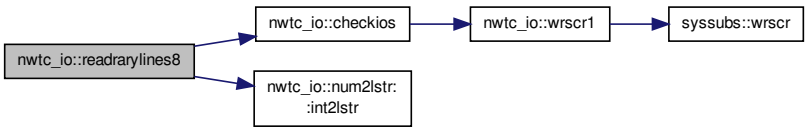
Here is the call graph for this function:



3.29.2.323 subroutine nwtc_io::readrarylines8 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3971 of file tempassembled.f90.

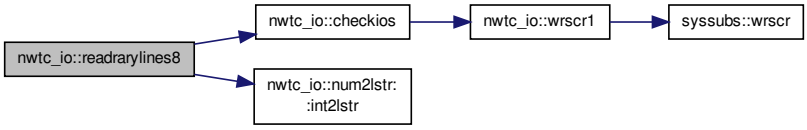
Here is the call graph for this function:



3.29.2.324 subroutine nwtc_io::readrarylines8 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59482 of file tempassembled.f90.

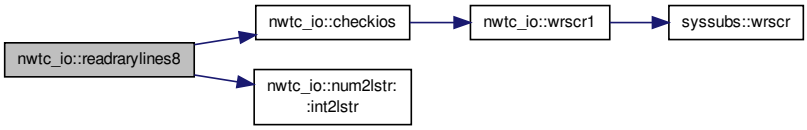
Here is the call graph for this function:



3.29.2.325 subroutine nwtc_io::readrarylines8 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17841 of file tempassembled.f90.

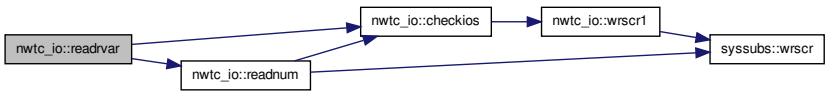
Here is the call graph for this function:



3.29.2.326 subroutine nwtc_io::readrvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31805 of file tempassembled.f90.

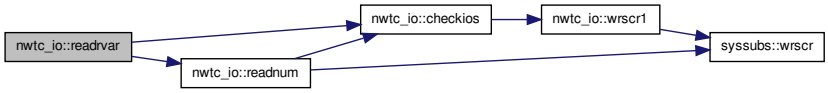
Here is the call graph for this function:



3.29.2.327 subroutine nwtc_io::readrvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45675 of file tempassembled.f90.

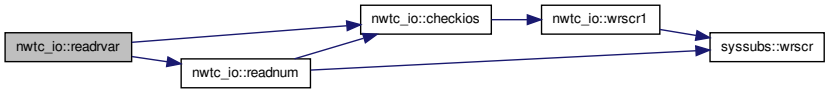
Here is the call graph for this function:



3.29.2.328 subroutine nwtc_io::readrvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 4065 of file tempassembled.f90.

Here is the call graph for this function:

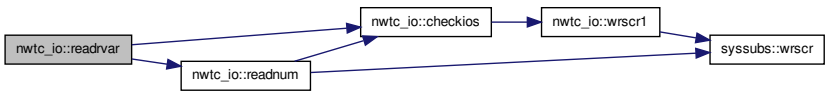


Here is the caller graph for this function:

3.29.2.329 subroutine nwtc_io::readrvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17935 of file tempassembled.f90.

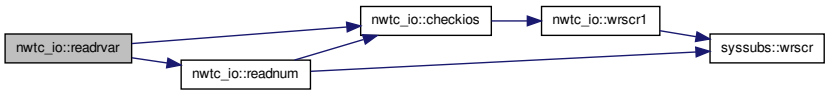
Here is the call graph for this function:



3.29.2.330 subroutine nwtc_io::readrvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59576 of file tempassembled.f90.

Here is the call graph for this function:

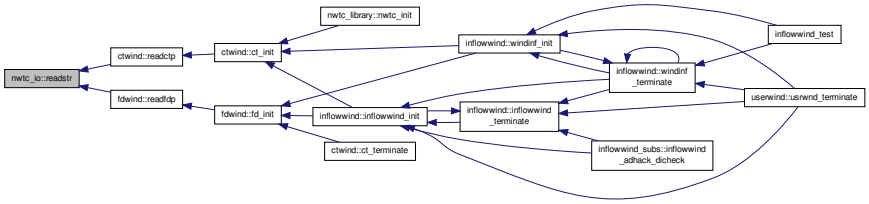


3.29.2.331 subroutine nwtc_io::readstr (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *CharVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 4270 of file tempassembled.f90.

Here is the call graph for this function:

Here is the caller graph for this function:



3.29.2.332 subroutine nwtc_io::readstr (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *CharVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

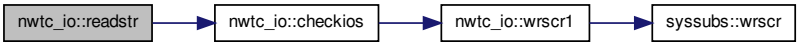
Definition at line 59781 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.333 subroutine nwtc_io::readstr (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *CharVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 32010 of file tempassembled.f90.

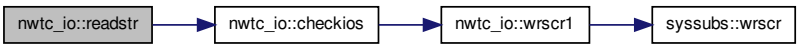
Here is the call graph for this function:



3.29.2.334 subroutine nwtc_io::readstr (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *CharVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 18140 of file tempassembled.f90.

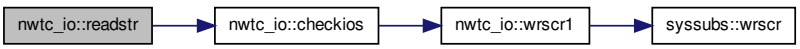
Here is the call graph for this function:



3.29.2.335 subroutine nwtc_io::readstr (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *CharVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45880 of file tempassembled.f90.

Here is the call graph for this function:



3.29.2.336 subroutine nwtc_io::waittime (real(reki), intent(in) *WaitSecs*)

Definition at line 59824 of file tempassembled.f90.

3.29.2.337 subroutine nwtc_io::waittime (real(reki), intent(in) *WaitSecs*)

Definition at line 45923 of file tempassembled.f90.

3.29.2.338 subroutine nwtc_io::waittime (real(reki), intent(in) *WaitSecs*)

Definition at line 32053 of file tempassembled.f90.

3.29.2.339 subroutine nwtc_io::waittime (real(reki), intent(in) *WaitSecs*)

Definition at line 18183 of file tempassembled.f90.

3.29.2.340 subroutine nwtc_io::waittime (real(reki), intent(in) *WaitSecs*)

Definition at line 4313 of file tempassembled.f90.

3.29.2.341 subroutine nwtc_io::wrfilenr (integer, intent(in) *Unit,* character(∗), intent(in) *Str*)

Definition at line 45980 of file tempassembled.f90.

3.29.2.342 subroutine nwtc_io::wrfilenr (integer, intent(in) *Unit,* character(∗), intent(in) *Str*)

Definition at line 4370 of file tempassembled.f90.

3.29.2.343 subroutine nwtc_io::wrfilenr (integer, intent(in) *Unit,* character(∗), intent(in) *Str*)

Definition at line 59881 of file tempassembled.f90.

3.29.2.344 subroutine nwtc_io::wrfilenr (integer, intent(in) *Unit,* character(∗), intent(in) *Str*)

Definition at line 18240 of file tempassembled.f90.

3.29.2.345 subroutine nwtc_io::wrfilenr (integer, intent(in) *Unit,* character(∗), intent(in) *Str*)

Definition at line 32110 of file tempassembled.f90.

3.29.2.346 subroutine nwtc_io::wrml (character(∗) *Str*)

Definition at line 4390 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.347 subroutine nwtc_io::wrml (character(∗) *Str*)

Definition at line 32130 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.348 subroutine nwtc_io::wrml (character(∗) *Str*)

Definition at line 46000 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.349 subroutine nwtc_io::wrml (character(∗) *Str*)

Definition at line 59901 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.350 subroutine nwtc_io::wrml (character(∗) *Str*)

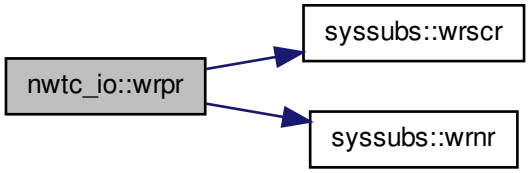
Definition at line 18260 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.351 subroutine nwtc_io::wrpr (character(∗), intent(in) *Str*)

Definition at line 59861 of file tempassembled.f90.

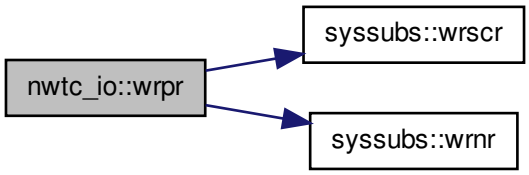
Here is the call graph for this function:



3.29.2.352 subroutine nwtc_io::wrpr (character(∗), intent(in) *Str*)

Definition at line 4350 of file tempassembled.f90.

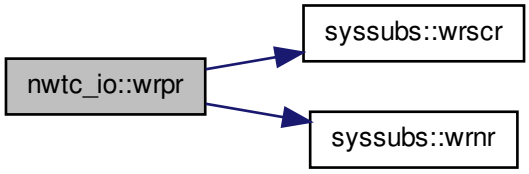
Here is the call graph for this function:



3.29.2.353 subroutine nwtc_io::wrpr (character(∗), intent(in) *Str*)

Definition at line 32090 of file tempassembled.f90.

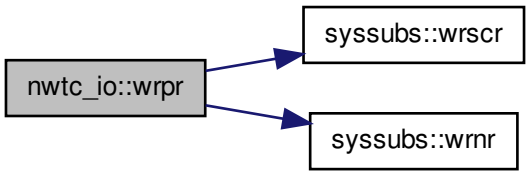
Here is the call graph for this function:



3.29.2.354 subroutine nwtc_io::wrpr (character(∗), intent(in) *Str*)

Definition at line 18220 of file tempassembled.f90.

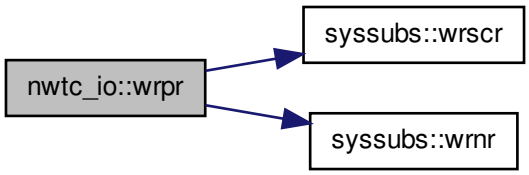
Here is the call graph for this function:



3.29.2.355 subroutine nwtc_io::wrpr (character(∗), intent(in) *Str*)

Definition at line 45960 of file tempassembled.f90.

Here is the call graph for this function:



3.29.2.356 subroutine nwtc_io::wrscr1 (character(∗) *Str*)

Definition at line 18278 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.357 subroutine nwtc_io::wrscr1 (character(∗) *Str*)

Definition at line 59919 of file tempassembled.f90.

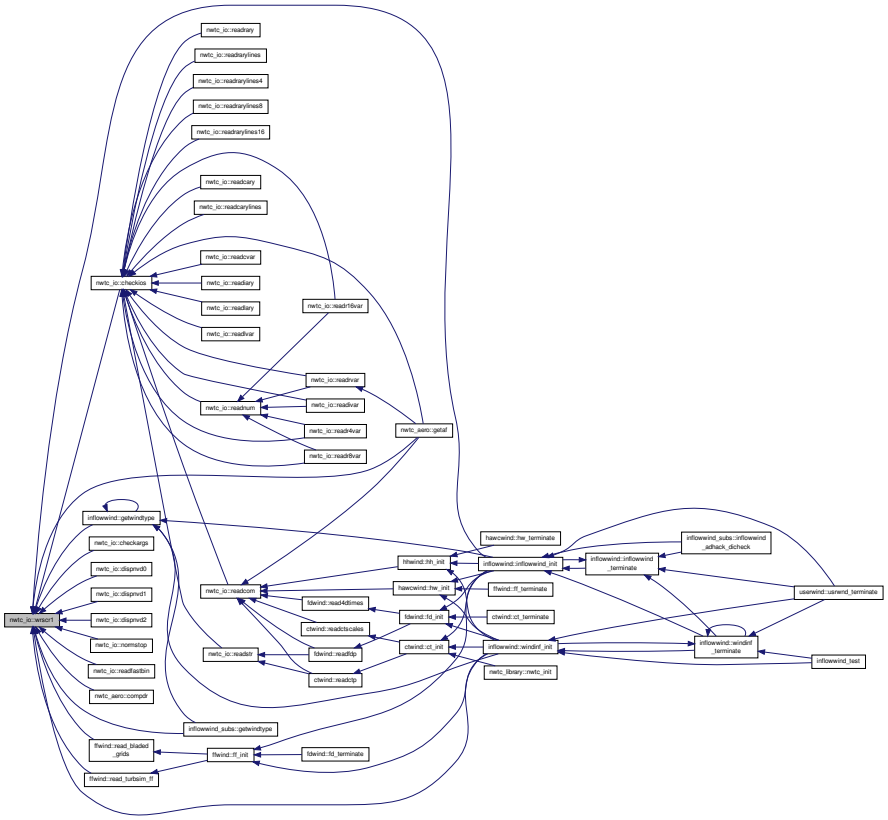
Here is the call graph for this function:

3.29.2.358 subroutine nwtc_io::wrscr1 (character(∗) *Str*)

Definition at line 4408 of file tempassembled.f90.

Here is the call graph for this function:

Here is the caller graph for this function:



3.29.2.359 subroutine nwtc_io::wrscr1 (character(∗) *Str*)

Definition at line 32148 of file tempassembled.f90.

Here is the call graph for this function:

3.29.2.360 subroutine nwtc_io::wrscr1 (character(∗) *Str*)

Definition at line 46018 of file tempassembled.f90.

Here is the call graph for this function:

3.29.3 Member Data Documentation

3.29.3.1 integer(intki) nwtc_io::aborterrlev = ErrID_Fatal

Definition at line 1021 of file tempassembled.f90.

3.29.3.2 logical nwtc_io::beep = .TRUE.

Definition at line 1030 of file tempassembled.f90.

3.29.3.3 logical nwtc_io::echo = .FALSE.

Definition at line 1031 of file tempassembled.f90.

3.29.3.4 integer(intki), parameter nwtc_io::errid_fatal = 4

Definition at line 1019 of file tempassembled.f90.

3.29.3.5 integer(intki), parameter nwtc_io::errid_info = 1

Definition at line 1016 of file tempassembled.f90.

3.29.3.6 integer(intki), parameter nwtc_io::errid_none = 0

Definition at line 1015 of file tempassembled.f90.

3.29.3.7 integer(intki), parameter nwtc_io::errid_severe = 3

Definition at line 1018 of file tempassembled.f90.

3.29.3.8 integer(intki), parameter nwtc_io::errid_warn = 2

Definition at line 1017 of file tempassembled.f90.

3.29.3.9 integer(intki), parameter nwtc_io::flgtype = 1

Definition at line 1025 of file tempassembled.f90.

3.29.3.10 integer(intki), parameter nwtc_io::numtype = 2

Definition at line 1026 of file tempassembled.f90.

3.29.3.11 type(progdesc), parameter nwtc_io::nwtc_ver = ProgDesc('NWTC Subroutine Library', 'v1.06.00b-bjj', '07-Dec-2012')

Definition at line 1033 of file tempassembled.f90.

3.29.3.12 character(20) nwtc_io::progname = ' '

Definition at line 1034 of file tempassembled.f90.

3.29.3.13 character(99) nwtc_io::progver

Definition at line 1035 of file tempassembled.f90.

3.29.3.14 integer(intki), parameter nwtc_io::strtype = 3

Definition at line 1027 of file tempassembled.f90.

3.29.3.15 character(1), parameter nwtc_io::tab = CHAR(9)

Definition at line 1036 of file tempassembled.f90.

3.29.3.16 integer nwtc_io::unec = 19

Definition at line 1028 of file tempassembled.f90.

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

- tempassembled.f90

3.30 nwtc_library Module Reference

Public Member Functions

- subroutine nwtc_init (ProgNameIn, ProgVerIn)
- subroutine nwtc_init (ProgNameIn, ProgVerIn)
- subroutine nwtc_init (ProgNameIn, ProgVerIn)
- subroutine nwtc_init (ProgNameIn, ProgVerIn)
- subroutine nwtc_init (ProgNameIn, ProgVerIn)

3.30.1 Detailed Description

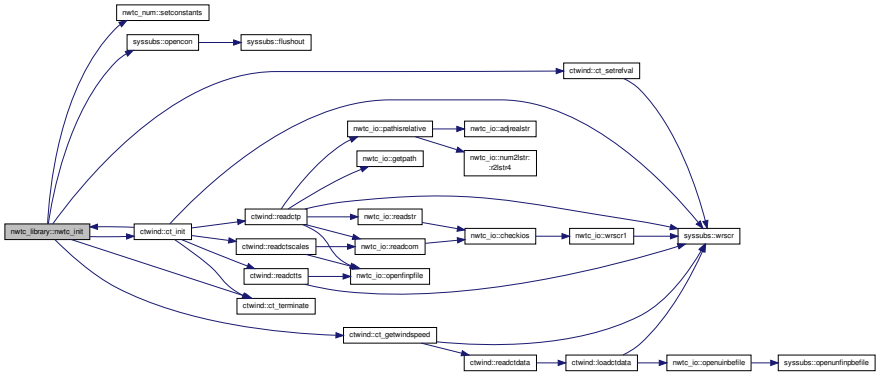
Definition at line 7095 of file tempassembled.f90.

3.30.2 Member Function/Subroutine Documentation

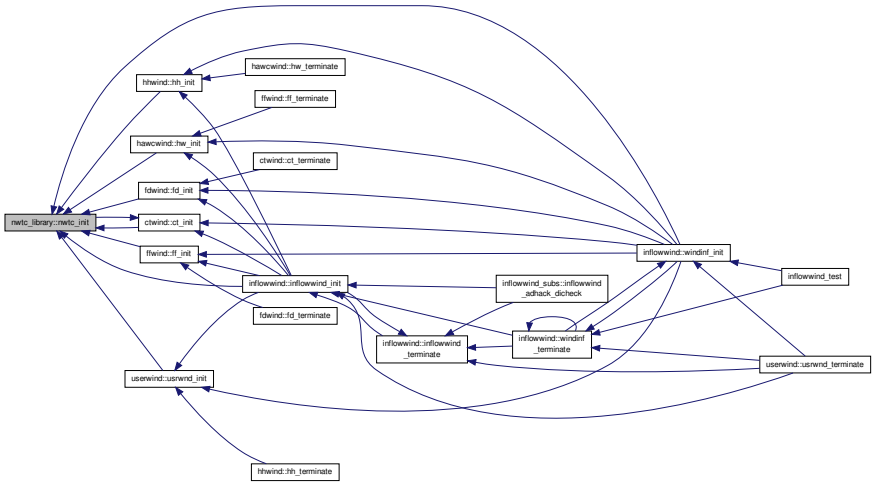
3.30.2.1 subroutine nwtc_library::nwtc_init (character(∗), intent(in), optional *ProgNameIn,* character(∗), intent(in), optional *ProgVerIn*)

Definition at line 7141 of file tempassembled.f90.

Here is the call graph for this function:



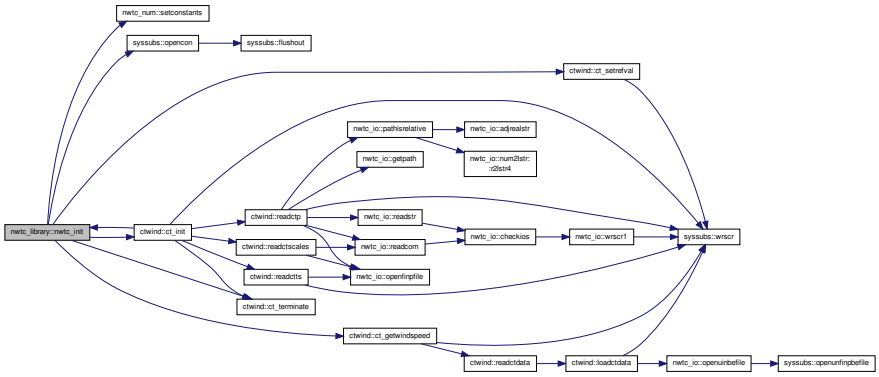
Here is the caller graph for this function:



3.30.2.2 subroutine nwtc_library::nwtc_init (character(∗), intent(in), optional *ProgNameIn,* character(∗), intent(in), optional *ProgVerIn*)

Definition at line 62652 of file tempassembled.f90.

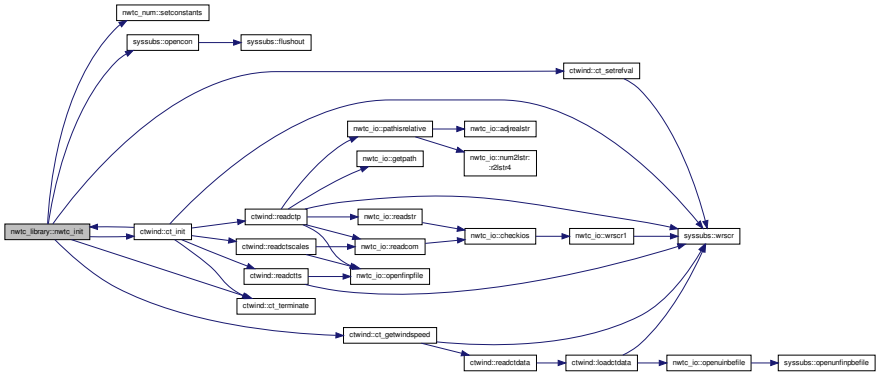
Here is the call graph for this function:



3.30.2.3 subroutine nwtc_library::nwtc_init (character(∗), intent(in), optional *ProgNameIn,* character(∗), intent(in), optional *ProgVerIn*)

Definition at line 48751 of file tempassembled.f90.

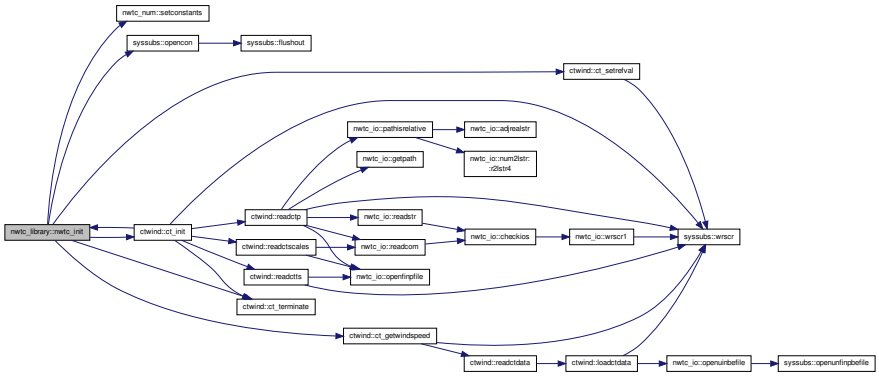
Here is the call graph for this function:



3.30.2.4 subroutine nwtc_library::nwtc_init (character(∗), intent(in), optional *ProgNameIn,* character(∗), intent(in), optional *ProgVerIn*)

Definition at line 34881 of file tempassembled.f90.

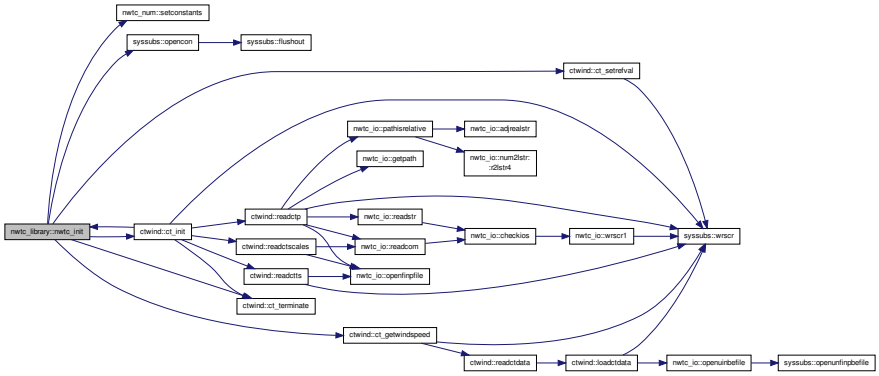
Here is the call graph for this function:



3.30.2.5 subroutine nwtc_library::nwtc_init (character(∗), intent(in), optional *ProgNameIn,* character(∗), intent(in), optional *ProgVerIn*)

Definition at line 21011 of file tempassembled.f90.

Here is the call graph for this function:



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

- tempassembled.f90

3.31 nwtc_num Module Reference

Data Types

- interface equalrealnos
- interface interpbin
- interface interpstp

Public Member Functions

- subroutine addorsub2pi (OldAngle, NewAngle)
- subroutine bsortreal (RealAry, NumPts)
- real(reki) function, dimension(3) cross_product (Vector1, Vector2)
- logical function equalrealnos4 (ReNum1, ReNum2)
- logical function equalrealnos8 (ReNum1, ReNum2)
- logical function equalrealnos16 (ReNum1, ReNum2)
- real(reki) function, dimension(3) getsmllrotangs (DCMat, ErrStat)
- subroutine gl_pts (IPt, NPts, Loc, Wt, ErrStat)
- integer function indexcharary (CVal, CAry)
- complex(reki) function interpbincomp (XVal, XAry, YAry, ILo, AryLen)
- real(reki) function interpbinreal (XVal, XAry, YAry, ILo, AryLen)
- complex(reki) function interpstpcomp (XVal, XAry, YAry, Ind, AryLen)
- real(reki) function interpstpreal (XVal, XAry, YAry, Ind, AryLen)
- subroutine locatebin (XVal, XAry, Ind, AryLen)
- subroutine locatestp (XVal, XAry, Ind, AryLen)
- real(reki) function mean (Ary, AryLen)
- subroutine mpi2pi (Angle)
- subroutine rombergint (f, a, b, R, err, eps, ErrStat)
- subroutine setconstants ()
- subroutine smllrottrans (RotationType, Theta1, Theta2, Theta3, TransMat, ErrTxt)
- subroutine sortunion (Ary1, N1, Ary2, N2, Ary, N)
- real(reki) function stddevfn (Ary, AryLen, Mean)
- subroutine addorsub2pi (OldAngle, NewAngle)
- subroutine bsortreal (RealAry, NumPts)
- real(reki) function, dimension(3) cross_product (Vector1, Vector2)
- logical function equalrealnos4 (ReNum1, ReNum2)
- logical function equalrealnos8 (ReNum1, ReNum2)
- logical function equalrealnos16 (ReNum1, ReNum2)
- real(reki) function, dimension(3) getsmllrotangs (DCMat, ErrStat)
- subroutine gl_pts (IPt, NPts, Loc, Wt, ErrStat)
- integer function indexcharary (CVal, CAry)
- complex(reki) function interpbincomp (XVal, XAry, YAry, ILo, AryLen)
- real(reki) function interpbinreal (XVal, XAry, YAry, ILo, AryLen)
- complex(reki) function interpstpcomp (XVal, XAry, YAry, Ind, AryLen)
- real(reki) function interpstpreal (XVal, XAry, YAry, Ind, AryLen)
- subroutine locatebin (XVal, XAry, Ind, AryLen)
- subroutine locatestp (XVal, XAry, Ind, AryLen)
- real(reki) function mean (Ary, AryLen)
- subroutine mpi2pi (Angle)
- subroutine rombergint (f, a, b, R, err, eps, ErrStat)
- subroutine setconstants ()
- subroutine smllrottrans (RotationType, Theta1, Theta2, Theta3, TransMat, ErrTxt)
- subroutine sortunion (Ary1, N1, Ary2, N2, Ary, N)
- real(reki) function stddevfn (Ary, AryLen, Mean)
- subroutine addorsub2pi (OldAngle, NewAngle)
- subroutine bsortreal (RealAry, NumPts)
- real(reki) function, dimension(3) cross_product (Vector1, Vector2)
- logical function equalrealnos4 (ReNum1, ReNum2)
- logical function equalrealnos8 (ReNum1, ReNum2)

- logical function equalrealnos16 (ReNum1, ReNum2)
- real(reki) function, dimension(3) getsmllrotangs (DCMat, ErrStat)
- subroutine gl_pts (IPt, NPts, Loc, Wt, ErrStat)
- integer function indexcharary (CVal, CAry)
- complex(reki) function interpbincomp (XVal, XAry, YAry, ILo, AryLen)
- real(reki) function interpbinreal (XVal, XAry, YAry, ILo, AryLen)
- complex(reki) function interpstpcomp (XVal, XAry, YAry, Ind, AryLen)
- real(reki) function interpstpreal (XVal, XAry, YAry, Ind, AryLen)
- subroutine locatebin (XVal, XAry, Ind, AryLen)
- subroutine locatestp (XVal, XAry, Ind, AryLen)
- real(reki) function mean (Ary, AryLen)
- subroutine mpi2pi (Angle)
- subroutine rombergint (f, a, b, R, err, eps, ErrStat)
- subroutine setconstants ()
- subroutine smllrottrans (RotationType, Theta1, Theta2, Theta3, TransMat, ErrTxt)
- subroutine sortunion (Ary1, N1, Ary2, N2, Ary, N)
- real(reki) function stddevfn (Ary, AryLen, Mean)
- subroutine addorsub2pi (OldAngle, NewAngle)
- subroutine bsortreal (RealAry, NumPts)
- real(reki) function, dimension(3) cross_product (Vector1, Vector2)
- logical function equalrealnos4 (ReNum1, ReNum2)
- logical function equalrealnos8 (ReNum1, ReNum2)
- logical function equalrealnos16 (ReNum1, ReNum2)
- real(reki) function, dimension(3) getsmllrotangs (DCMat, ErrStat)
- subroutine gl_pts (IPt, NPts, Loc, Wt, ErrStat)
- integer function indexcharary (CVal, CAry)
- complex(reki) function interpbincomp (XVal, XAry, YAry, ILo, AryLen)
- real(reki) function interpbinreal (XVal, XAry, YAry, ILo, AryLen)
- complex(reki) function interpstpcomp (XVal, XAry, YAry, Ind, AryLen)
- real(reki) function interpstpreal (XVal, XAry, YAry, Ind, AryLen)
- subroutine locatebin (XVal, XAry, Ind, AryLen)
- subroutine locatestp (XVal, XAry, Ind, AryLen)
- real(reki) function mean (Ary, AryLen)
- subroutine mpi2pi (Angle)
- subroutine rombergint (f, a, b, R, err, eps, ErrStat)
- subroutine setconstants ()
- subroutine smllrottrans (RotationType, Theta1, Theta2, Theta3, TransMat, ErrTxt)
- subroutine sortunion (Ary1, N1, Ary2, N2, Ary, N)
- real(reki) function stddevfn (Ary, AryLen, Mean)
- subroutine addorsub2pi (OldAngle, NewAngle)
- subroutine bsortreal (RealAry, NumPts)
- real(reki) function, dimension(3) cross_product (Vector1, Vector2)
- logical function equalrealnos4 (ReNum1, ReNum2)
- logical function equalrealnos8 (ReNum1, ReNum2)
- logical function equalrealnos16 (ReNum1, ReNum2)
- real(reki) function, dimension(3) getsmllrotangs (DCMat, ErrStat)
- subroutine gl_pts (IPt, NPts, Loc, Wt, ErrStat)
- integer function indexcharary (CVal, CAry)
- complex(reki) function interpbincomp (XVal, XAry, YAry, ILo, AryLen)
- real(reki) function interpbinreal (XVal, XAry, YAry, ILo, AryLen)
- complex(reki) function interpstpcomp (XVal, XAry, YAry, Ind, AryLen)

- real(reki) function interpstpreal (XVal, XAry, YAry, Ind, AryLen)
- subroutine locatebin (XVal, XAry, Ind, AryLen)
- subroutine locatestp (XVal, XAry, Ind, AryLen)
- real(reki) function mean (Ary, AryLen)
- subroutine mpi2pi (Angle)
- subroutine rombergint (f, a, b, R, err, eps, ErrStat)
- subroutine setconstants ()
- subroutine smllrottrans (RotationType, Theta1, Theta2, Theta3, TransMat, ErrTxt)
- subroutine sortunion (Ary1, N1, Ary2, N2, Ary, N)
- real(reki) function stddevfn (Ary, AryLen, Mean)

Public Attributes

- real(dbki) d2r_d
- real(dbki) inf_d
- real(dbki) nan_d
- real(dbki) pi_d
- real(dbki) piby2_d
- real(dbki) r2d_d
- real(dbki) rpm2rps_d
- real(dbki) rps2rpm_d
- real(dbki) twobypi_d
- real(dbki) twopi_d
- real(reki) d2r
- real(reki) inf
- real(reki) nan
- real(reki) pi
- real(reki) piby2
- real(reki) r2d
- real(reki) rpm2rps
- real(reki) rps2rpm
- real(reki) twobypi
- real(reki) twopi
- integer, dimension(:,:), allocatable intindx

3.31.1 Detailed Description

Definition at line 4429 of file tempassembled.f90.

3.31.2 Member Function/Subroutine Documentation

3.31.2.1 subroutine nwtc_num::addorsub2pi (real(reki), intent(inout) *OldAngle,* real(reki), intent(inout) *NewAngle*)

Definition at line 4524 of file tempassembled.f90.

3.31.2.2 subroutine nwtc_num::addorsub2pi (real(reki), intent(inout) *OldAngle,* real(reki), intent(inout) *NewAngle*)

Definition at line 18394 of file tempassembled.f90.

3.31.2.3 subroutine nwtc_num::addorsub2pi (real(reki), intent(inout) *OldAngle,* real(reki), intent(inout) *NewAngle*)

Definition at line 46134 of file tempassembled.f90.

3.31.2.4 subroutine nwtc_num::addorsub2pi (real(reki), intent(inout) *OldAngle,* real(reki), intent(inout) *NewAngle*)

Definition at line 32264 of file tempassembled.f90.

3.31.2.5 subroutine nwtc_num::addorsub2pi (real(reki), intent(inout) *OldAngle,* real(reki), intent(inout) *NewAngle*)

Definition at line 60035 of file tempassembled.f90.

3.31.2.6 subroutine nwtc_num::bsortreal (real(reki), dimension(numpts), intent(inout) *RealAry,* integer, intent(in) *NumPts*)

Definition at line 46184 of file tempassembled.f90.

3.31.2.7 subroutine nwtc_num::bsortreal (real(reki), dimension(numpts), intent(inout) *RealAry,* integer, intent(in) *NumPts*)

Definition at line 4574 of file tempassembled.f90.

3.31.2.8 subroutine nwtc_num::bsortreal (real(reki), dimension(numpts), intent(inout) *RealAry,* integer, intent(in) *NumPts*)

Definition at line 60085 of file tempassembled.f90.

3.31.2.9 subroutine nwtc_num::bsortreal (real(reki), dimension(numpts), intent(inout) *RealAry,* integer, intent(in) *NumPts*)

Definition at line 32314 of file tempassembled.f90.

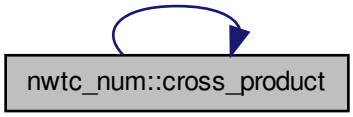
3.31.2.10 subroutine nwtc_num::bsortreal (real(reki), dimension(numpts), intent(inout) *RealAry,* integer, intent(in) *NumPts*)

Definition at line 18444 of file tempassembled.f90.

3.31.2.11 real(reki) function, dimension (3) nwtc_num::cross_product (real(reki), dimension (3), intent(in) *Vector1,* real(reki), dimension (3), intent(in) *Vector2*)

Definition at line 46230 of file tempassembled.f90.

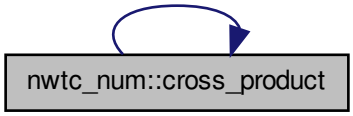
Here is the call graph for this function:



3.31.2.12 real(reki) function, dimension (3) nwtc_num::cross_product (real(reki), dimension (3), intent(in) *Vector1,* real(reki), dimension (3), intent(in) *Vector2*)

Definition at line 60131 of file tempassembled.f90.

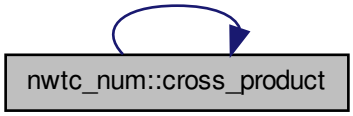
Here is the call graph for this function:



3.31.2.13 real(reki) function, dimension (3) nwtc_num::cross_product (real(reki), dimension (3), intent(in) *Vector1,* real(reki), dimension (3), intent(in) *Vector2*)

Definition at line 32360 of file tempassembled.f90.

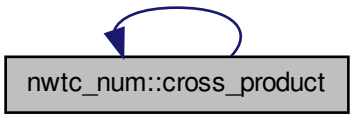
Here is the call graph for this function:



3.31.2.14 real(reki) function, dimension (3) nwtc_num::cross_product (real(reki), dimension (3), intent(in) *Vector1,* real(reki), dimension (3), intent(in) *Vector2*)

Definition at line 4620 of file tempassembled.f90.

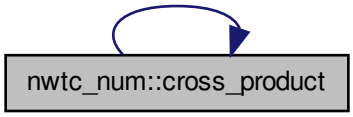
Here is the caller graph for this function:



3.31.2.15 real(reki) function, dimension (3) nwtc_num::cross_product (real(reki), dimension (3), intent(in) *Vector1,* real(reki), dimension (3), intent(in) *Vector2*)

Definition at line 18490 of file tempassembled.f90.

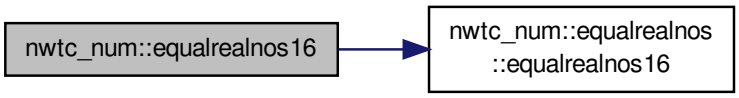
Here is the call graph for this function:



3.31.2.16 logical function nwtc_num::equalrealnos16 (real(quki), intent(in) *ReNum1,* real(quki), intent(in) *ReNum2*)

Definition at line 46374 of file tempassembled.f90.

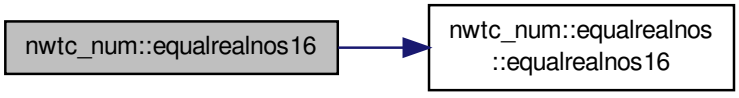
Here is the call graph for this function:



3.31.2.17 logical function nwtc_num::equalrealnos16 (real(quki), intent(in) *ReNum1,* real(quki), intent(in) *ReNum2*)

Definition at line 60275 of file tempassembled.f90.

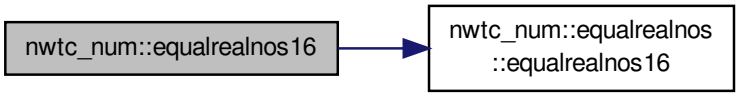
Here is the call graph for this function:



3.31.2.18 logical function nwtc_num::equalrealnos16 (real(quki), intent(in) *ReNum1,* real(quki), intent(in) *ReNum2*)

Definition at line 4764 of file tempassembled.f90.

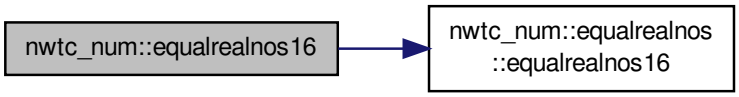
Here is the call graph for this function:



3.31.2.19 logical function nwtc_num::equalrealnos16 (real(quki), intent(in) *ReNum1,* real(quki), intent(in) *ReNum2*)

Definition at line 32504 of file tempassembled.f90.

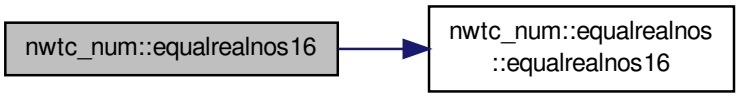
Here is the call graph for this function:



3.31.2.20 logical function nwtc_num::equalrealnos16 (real(quki), intent(in) *ReNum1,* real(quki), intent(in) *ReNum2*)

Definition at line 18634 of file tempassembled.f90.

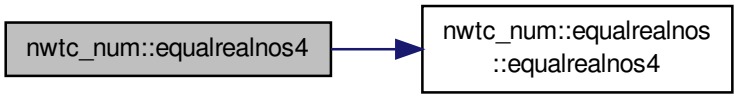
Here is the call graph for this function:



3.31.2.21 logical function nwtc_num::equalrealnos4 (real(siki), intent(in) *ReNum1,* real(siki), intent(in) *ReNum2*)

Definition at line 4690 of file tempassembled.f90.

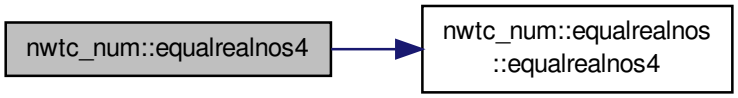
Here is the call graph for this function:



3.31.2.22 logical function nwtc_num::equalrealnos4 (real(siki), intent(in) *ReNum1,* real(siki), intent(in) *ReNum2*)

Definition at line 46300 of file tempassembled.f90.

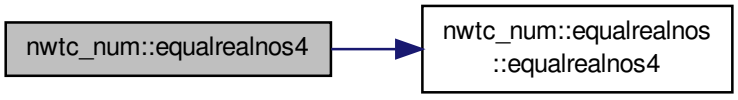
Here is the call graph for this function:



3.31.2.23 logical function nwtc_num::equalrealnos4 (real(siki), intent(in) *ReNum1,* real(siki), intent(in) *ReNum2*)

Definition at line 60201 of file tempassembled.f90.

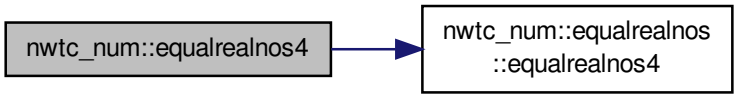
Here is the call graph for this function:



3.31.2.24 logical function nwtc_num::equalrealnos4 (real(siki), intent(in) *ReNum1,* real(siki), intent(in) *ReNum2*)

Definition at line 32430 of file tempassembled.f90.

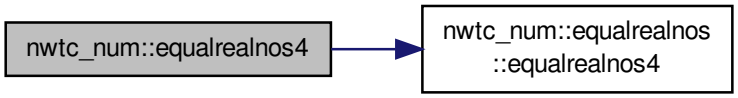
Here is the call graph for this function:



3.31.2.25 logical function nwtc_num::equalrealnos4 (real(siki), intent(in) *ReNum1,* real(siki), intent(in) *ReNum2*)

Definition at line 18560 of file tempassembled.f90.

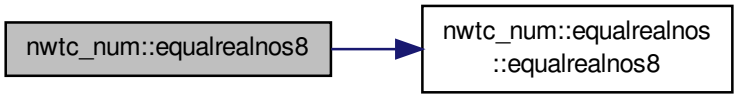
Here is the call graph for this function:



3.31.2.26 logical function nwtc_num::equalrealnos8 (real(r8ki), intent(in) *ReNum1,* real(r8ki), intent(in) *ReNum2*)

Definition at line 46337 of file tempassembled.f90.

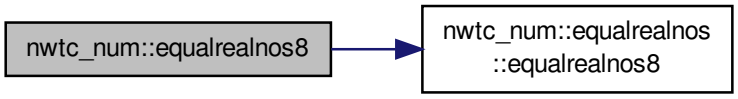
Here is the call graph for this function:



3.31.2.27 logical function nwtc_num::equalrealnos8 (real(r8ki), intent(in) *ReNum1,* real(r8ki), intent(in) *ReNum2*)

Definition at line 4727 of file tempassembled.f90.

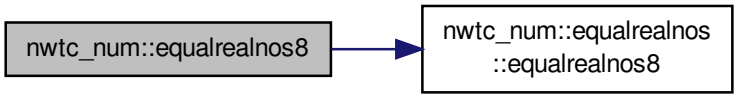
Here is the call graph for this function:



3.31.2.28 logical function nwtc_num::equalrealnos8 (real(r8ki), intent(in) *ReNum1,* real(r8ki), intent(in) *ReNum2*)

Definition at line 60238 of file tempassembled.f90.

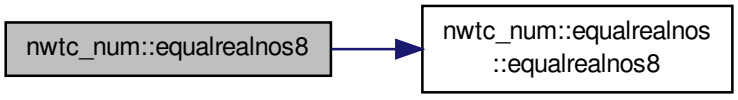
Here is the call graph for this function:



3.31.2.29 logical function nwtc_num::equalrealnos8 (real(r8ki), intent(in) *ReNum1,* real(r8ki), intent(in) *ReNum2*)

Definition at line 32467 of file tempassembled.f90.

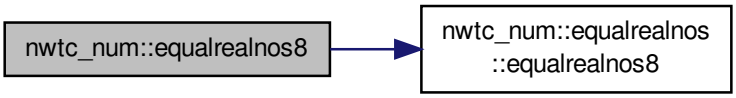
Here is the call graph for this function:



3.31.2.30 logical function nwtc_num::equalrealnos8 (real(r8ki), intent(in) *ReNum1,* real(r8ki), intent(in) *ReNum2*)

Definition at line 18597 of file tempassembled.f90.

Here is the call graph for this function:



3.31.2.31 real(reki) function, dimension (3) nwtc_num::getsmllrotangs (real(reki), dimension (3,3), intent(in) *DCMat,* integer, intent(out) *ErrStat*)

Definition at line 46411 of file tempassembled.f90.

Here is the call graph for this function:

3.31.2.32 real(reki) function, dimension (3) nwtc_num::getsmllrotangs (real(reki), dimension (3,3), intent(in) *DCMat,* integer, intent(out) *ErrStat*)

Definition at line 60312 of file tempassembled.f90.

Here is the call graph for this function:

3.31.2.33 real(reki) function, dimension (3) nwtc_num::getsmllrotangs (real(reki), dimension (3,3), intent(in) *DCMat,* integer, intent(out) *ErrStat*)

Definition at line 32541 of file tempassembled.f90.

Here is the call graph for this function:

3.31.2.34 real(reki) function, dimension (3) nwtc_num::getsmllrotangs (real(reki), dimension (3,3), intent(in) *DCMat,* integer, intent(out) *ErrStat*)

Definition at line 4801 of file tempassembled.f90.

Here is the caller graph for this function:

3.31.2.35 real(reki) function, dimension (3) nwtc_num::getsmllrotangs (real(reki), dimension (3,3), intent(in) *DCMat,* integer, intent(out) *ErrStat*)

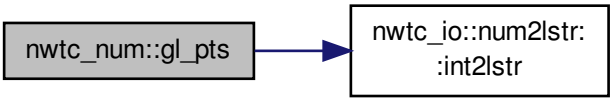
Definition at line 18671 of file tempassembled.f90.

Here is the call graph for this function:

3.31.2.36 subroutine nwtc_num::gl_pts (integer, intent(inout) *IPt,* integer, intent(inout) *NPts,* real(reki) *Loc,* real(reki) *Wt,* integer, intent(out), optional *ErrStat*)

Definition at line 4852 of file tempassembled.f90.

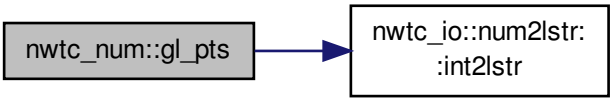
Here is the call graph for this function:



3.31.2.37 subroutine nwtc_num::gl_pts (integer, intent(inout) *IPt,* integer, intent(inout) *NPts,* real(reki) *Loc,* real(reki) *Wt,* integer, intent(out), optional *ErrStat*)

Definition at line 46462 of file tempassembled.f90.

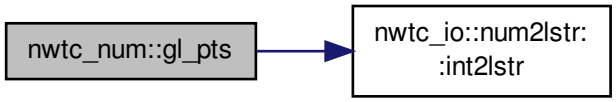
Here is the call graph for this function:



3.31.2.38 subroutine nwtc_num::gl_pts (integer, intent(inout) *IPt,* integer, intent(inout) *NPts,* real(reki) *Loc,* real(reki) *Wt,* integer, intent(out), optional *ErrStat*)

Definition at line 60363 of file tempassembled.f90.

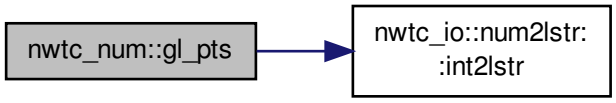
Here is the call graph for this function:



3.31.2.39 subroutine nwtc_num::gl_pts (integer, intent(inout) *IPt,* integer, intent(inout) *NPts,* real(reki) *Loc,* real(reki) *Wt,* integer, intent(out), optional *ErrStat*)

Definition at line 32592 of file tempassembled.f90.

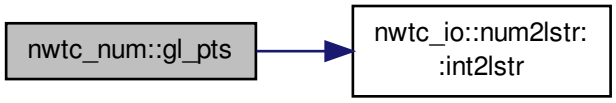
Here is the call graph for this function:



3.31.2.40 subroutine nwtc_num::gl_pts (integer, intent(inout) *IPt,* integer, intent(inout) *NPts,* real(reki) *Loc,* real(reki) *Wt,* integer, intent(out), optional *ErrStat*)

Definition at line 18722 of file tempassembled.f90.

Here is the call graph for this function:



3.31.2.41 integer function nwtc_num::indexcharary (character(∗), intent(in) *CVal,* character(∗), dimension(:), intent(in) *CAry*)

Definition at line 4978 of file tempassembled.f90.

Here is the caller graph for this function:

3.31.2.42 integer function nwtc_num::indexcharary (character(∗), intent(in) *CVal,* character(∗), dimension(:), intent(in) *CAry*)

Definition at line 46588 of file tempassembled.f90.

Here is the call graph for this function:

3.31.2.43 integer function nwtc_num::indexcharary (character(∗), intent(in) *CVal,* character(∗), dimension(:), intent(in) *CAry*)

Definition at line 60489 of file tempassembled.f90.

Here is the call graph for this function:

3.31.2.44 integer function nwtc_num::indexcharary (character(∗), intent(in) *CVal,* character(∗), dimension(:), intent(in) *CAry*)

Definition at line 32718 of file tempassembled.f90.

Here is the call graph for this function:

3.31.2.45 integer function nwtc_num::indexcharary (character(∗), intent(in) *CVal,* character(∗), dimension(:), intent(in) *CAry*)

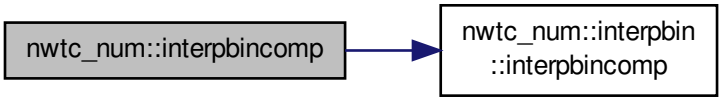
Definition at line 18848 of file tempassembled.f90.

Here is the call graph for this function:

3.31.2.46 complex(reki) function nwtc_num::interpbincomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 18916 of file tempassembled.f90.

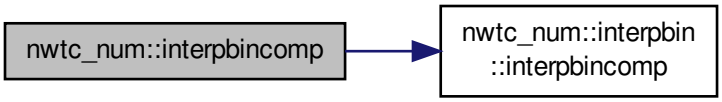
Here is the call graph for this function:



3.31.2.47 complex(reki) function nwtc_num::interpbincomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 46656 of file tempassembled.f90.

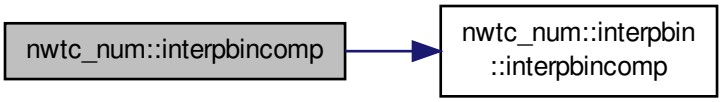
Here is the call graph for this function:



3.31.2.48 complex(reki) function nwtc_num::interpbincomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 5046 of file tempassembled.f90.

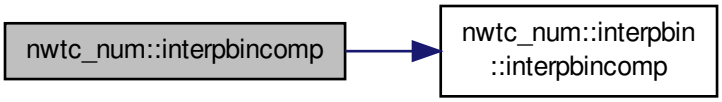
Here is the call graph for this function:



3.31.2.49 complex(reki) function nwtc_num::interpbincomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 60557 of file tempassembled.f90.

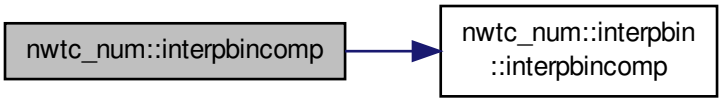
Here is the call graph for this function:



3.31.2.50 complex(reki) function nwtc_num::interpbincomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 32786 of file tempassembled.f90.

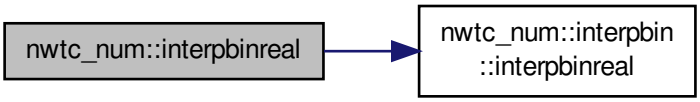
Here is the call graph for this function:



3.31.2.51 real(reki) function nwtc_num::interpbinreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 18985 of file tempassembled.f90.

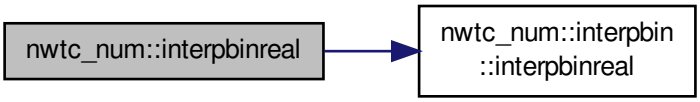
Here is the call graph for this function:



3.31.2.52 real(reki) function nwtc_num::interpbinreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 60626 of file tempassembled.f90.

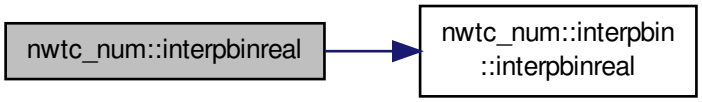
Here is the call graph for this function:



3.31.2.53 real(reki) function nwtc_num::interpbinreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 46725 of file tempassembled.f90.

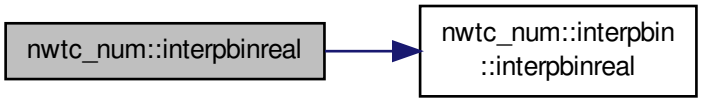
Here is the call graph for this function:



3.31.2.54 real(reki) function nwtc_num::interpbinreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 5115 of file tempassembled.f90.

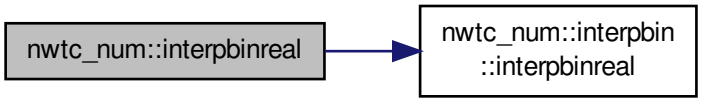
Here is the call graph for this function:



3.31.2.55 real(reki) function nwtc_num::interpbinreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *ILo,* integer, intent(in) *AryLen*)

Definition at line 32855 of file tempassembled.f90.

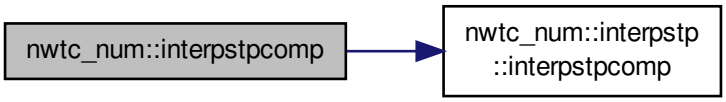
Here is the call graph for this function:



3.31.2.56 complex(reki) function nwtc_num::interpstpcomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 19053 of file tempassembled.f90.

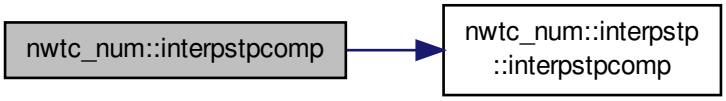
Here is the call graph for this function:



3.31.2.57 complex(reki) function nwtc_num::interpstpcomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 46793 of file tempassembled.f90.

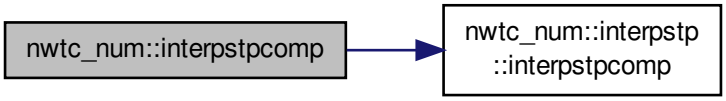
Here is the call graph for this function:



3.31.2.58 complex(reki) function nwtc_num::interpstpcomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 5183 of file tempassembled.f90.

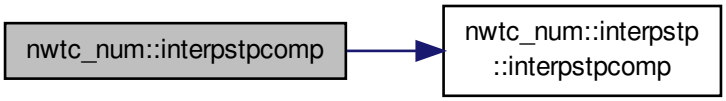
Here is the call graph for this function:



3.31.2.59 complex(reki) function nwtc_num::interpstpcomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 60694 of file tempassembled.f90.

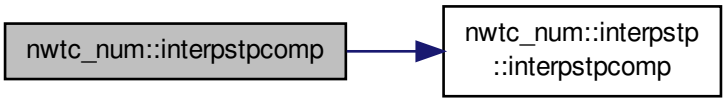
Here is the call graph for this function:



3.31.2.60 complex(reki) function nwtc_num::interpstpcomp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* complex(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 32923 of file tempassembled.f90.

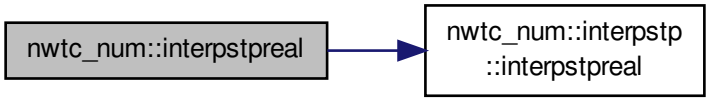
Here is the call graph for this function:



3.31.2.61 real(reki) function nwtc_num::interpstpreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 19123 of file tempassembled.f90.

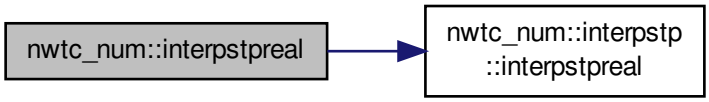
Here is the call graph for this function:



3.31.2.62 real(reki) function nwtc_num::interpstpreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 5253 of file tempassembled.f90.

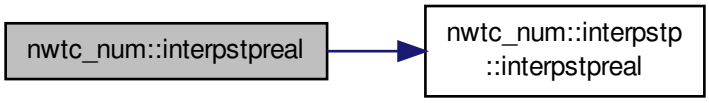
Here is the call graph for this function:



3.31.2.63 real(reki) function nwtc_num::interpstpreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 46863 of file tempassembled.f90.

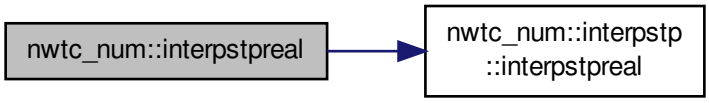
Here is the call graph for this function:



3.31.2.64 real(reki) function nwtc_num::interpstpreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 32993 of file tempassembled.f90.

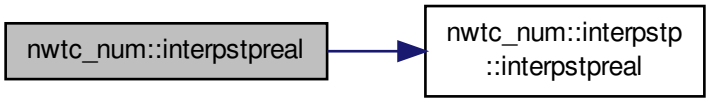
Here is the call graph for this function:



3.31.2.65 real(reki) function nwtc_num::interpstpreal (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* real(reki), dimension (arylen), intent(in) *YAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 60764 of file tempassembled.f90.

Here is the call graph for this function:



3.31.2.66 subroutine nwtc_num::locatebin (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* integer, intent(out) *Ind,* integer, intent(in) *AryLen*)

Definition at line 5321 of file tempassembled.f90.

3.31.2.67 subroutine nwtc_num::locatebin (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* integer, intent(out) *Ind,* integer, intent(in) *AryLen*)

Definition at line 33061 of file tempassembled.f90.

3.31.2.68 subroutine nwtc_num::locatebin (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* integer, intent(out) *Ind,* integer, intent(in) *AryLen*)

Definition at line 19191 of file tempassembled.f90.

3.31.2.69 subroutine nwtc_num::locatebin (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* integer, intent(out) *Ind,* integer, intent(in) *AryLen*)

Definition at line 46931 of file tempassembled.f90.

3.31.2.70 subroutine nwtc_num::locatebin (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* integer, intent(out) *Ind,* integer, intent(in) *AryLen*)

Definition at line 60832 of file tempassembled.f90.

3.31.2.71 subroutine nwtc_num::locatestp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 19248 of file tempassembled.f90.

3.31.2.72 subroutine nwtc_num::locatestp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 60889 of file tempassembled.f90.

3.31.2.73 subroutine nwtc_num::locatestp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 46988 of file tempassembled.f90.

3.31.2.74 subroutine nwtc_num::locatestp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 33118 of file tempassembled.f90.

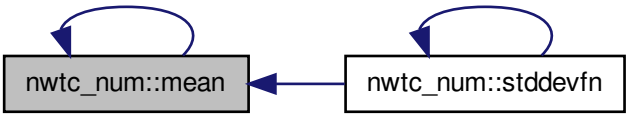
3.31.2.75 subroutine nwtc_num::locatestp (real(reki), intent(in) *XVal,* real(reki), dimension (arylen), intent(in) *XAry,* integer, intent(inout) *Ind,* integer, intent(in) *AryLen*)

Definition at line 5378 of file tempassembled.f90.

3.31.2.76 real(reki) function nwtc_num::mean (real(reki), dimension (arylen), intent(in) *Ary,* integer, intent(in) *AryLen*)

Definition at line 5438 of file tempassembled.f90.

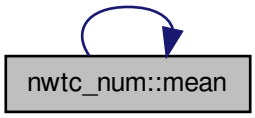
Here is the caller graph for this function:



3.31.2.77 real(reki) function nwtc_num::mean (real(reki), dimension (arylen), intent(in) *Ary,* integer, intent(in) *AryLen*)

Definition at line 60949 of file tempassembled.f90.

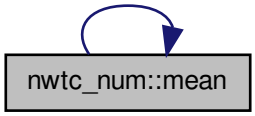
Here is the call graph for this function:



3.31.2.78 real(reki) function nwtc_num::mean (real(reki), dimension (arylen), intent(in) *Ary,* integer, intent(in) *AryLen*)

Definition at line 47048 of file tempassembled.f90.

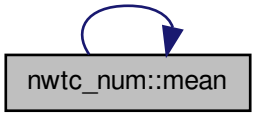
Here is the call graph for this function:



3.31.2.79 real(reki) function nwtc_num::mean (real(reki), dimension (arylen), intent(in) *Ary,* integer, intent(in) *AryLen*)

Definition at line 19308 of file tempassembled.f90.

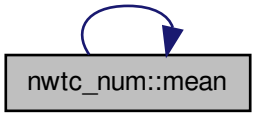
Here is the call graph for this function:



3.31.2.80 real(reki) function nwtc_num::mean (real(reki), dimension (arylen), intent(in) *Ary,* integer, intent(in) *AryLen*)

Definition at line 33178 of file tempassembled.f90.

Here is the call graph for this function:



3.31.2.81 subroutine nwtc_num::mpi2pi (real(reki), intent(inout) *Angle*)

Definition at line 33214 of file tempassembled.f90.

3.31.2.82 subroutine nwtc_num::mpi2pi (real(reki), intent(inout) *Angle*)

Definition at line 60985 of file tempassembled.f90.

3.31.2.83 subroutine nwtc_num::mpi2pi (real(reki), intent(inout) *Angle*)

Definition at line 47084 of file tempassembled.f90.

3.31.2.84 subroutine nwtc_num::mpi2pi (real(reki), intent(inout) *Angle*)

Definition at line 5474 of file tempassembled.f90.

3.31.2.85 subroutine nwtc_num::mpi2pi (real(reki), intent(inout) *Angle*)

Definition at line 19344 of file tempassembled.f90.

3.31.2.86 subroutine nwtc_num::rombergint (real(reki), external *f,* real(reki), intent(in) *a,* real(reki), intent(in) *b,* real(reki), intent(out) *R,* real(reki), intent(out) *err,* real(reki), intent(in) *eps,* integer, intent(out), optional *ErrStat*)

Definition at line 5501 of file tempassembled.f90.

3.31.2.87 subroutine nwtc_num::rombergint (real(reki), external *f,* real(reki), intent(in) *a,* real(reki), intent(in) *b,* real(reki), intent(out) *R,* real(reki), intent(out) *err,* real(reki), intent(in) *eps,* integer, intent(out), optional *ErrStat*)

Definition at line 19371 of file tempassembled.f90.

3.31.2.88 subroutine nwtc_num::rombergint (real(reki), external *f,* real(reki), intent(in) *a,* real(reki), intent(in) *b,* real(reki), intent(out) *R,* real(reki), intent(out) *err,* real(reki), intent(in) *eps,* integer, intent(out), optional *ErrStat*)

Definition at line 47111 of file tempassembled.f90.

3.31.2.89 subroutine nwtc_num::rombergint (real(reki), external *f,* real(reki), intent(in) *a,* real(reki), intent(in) *b,* real(reki), intent(out) *R,* real(reki), intent(out) *err,* real(reki), intent(in) *eps,* integer, intent(out), optional *ErrStat*)

Definition at line 33241 of file tempassembled.f90.

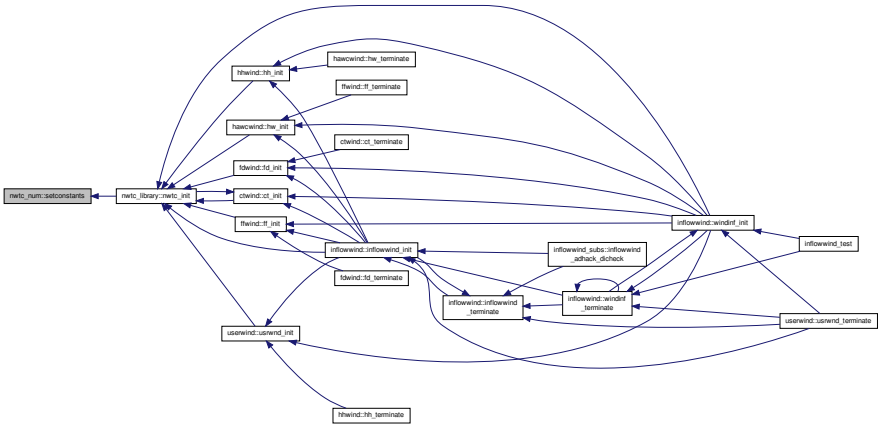
3.31.2.90 subroutine nwtc_num::rombergint (real(reki), external *f,* real(reki), intent(in) *a,* real(reki), intent(in) *b,* real(reki), intent(out) *R,* real(reki), intent(out) *err,* real(reki), intent(in) *eps,* integer, intent(out), optional *ErrStat*)

Definition at line 61012 of file tempassembled.f90.

3.31.2.91 subroutine nwtc_num::setconstants ( )

Definition at line 5599 of file tempassembled.f90.

Here is the caller graph for this function:



3.31.2.92 subroutine nwtc_num::setconstants ( )

Definition at line 61110 of file tempassembled.f90.

3.31.2.93 subroutine nwtc_num::setconstants ( )

Definition at line 47209 of file tempassembled.f90.

3.31.2.94 subroutine nwtc_num::setconstants ( )

Definition at line 33339 of file tempassembled.f90.

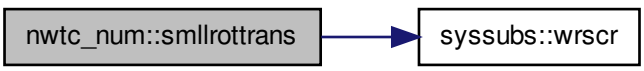
3.31.2.95 subroutine nwtc_num::setconstants ( )

Definition at line 19469 of file tempassembled.f90.

3.31.2.96 subroutine nwtc_num::smllrottrans (character(∗), intent(in) *RotationType,* real(reki), intent(in) *Theta1,* real(reki), intent(in) *Theta2,* real(reki), intent(in) *Theta3,* real(reki), dimension (3,3), intent(out) *TransMat,* character(∗), intent(in), optional *ErrTxt*)

Definition at line 33393 of file tempassembled.f90.

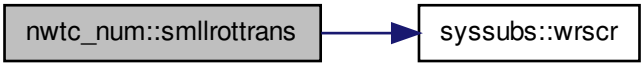
Here is the call graph for this function:



3.31.2.97 subroutine nwtc_num::smllrottrans (character(∗), intent(in) *RotationType,* real(reki), intent(in) *Theta1,* real(reki), intent(in) *Theta2,* real(reki), intent(in) *Theta3,* real(reki), dimension (3,3), intent(out) *TransMat,* character(∗), intent(in), optional *ErrTxt*)

Definition at line 47263 of file tempassembled.f90.

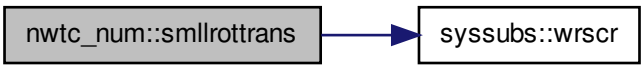
Here is the call graph for this function:



3.31.2.98 subroutine nwtc_num::smllrottrans (character(∗), intent(in) *RotationType,* real(reki), intent(in) *Theta1,* real(reki), intent(in) *Theta2,* real(reki), intent(in) *Theta3,* real(reki), dimension (3,3), intent(out) *TransMat,* character(∗), intent(in), optional *ErrTxt*)

Definition at line 61164 of file tempassembled.f90.

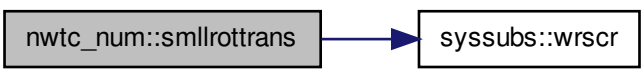
Here is the call graph for this function:



3.31.2.99 subroutine nwtc_num::smllrottrans (character(∗), intent(in) *RotationType,* real(reki), intent(in) *Theta1,* real(reki), intent(in) *Theta2,* real(reki), intent(in) *Theta3,* real(reki), dimension (3,3), intent(out) *TransMat,* character(∗), intent(in), optional *ErrTxt*)

Definition at line 19523 of file tempassembled.f90.

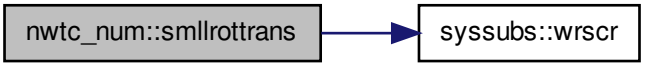
Here is the call graph for this function:



3.31.2.100 subroutine nwtc_num::smllrottrans (character(∗), intent(in) *RotationType,* real(reki), intent(in) *Theta1,* real(reki), intent(in) *Theta2,* real(reki), intent(in) *Theta3,* real(reki), dimension (3,3), intent(out) *TransMat,* character(∗), intent(in), optional *ErrTxt*)

Definition at line 5653 of file tempassembled.f90.

Here is the call graph for this function:



3.31.2.101 subroutine nwtc_num::sortunion (real(reki), dimension(n1), intent(in) *Ary1,* integer, intent(in) *N1,* real(reki), dimension(n2), intent(in) *Ary2,* integer, intent(in) *N2,* real(reki), dimension(n1+n2), intent(out) *Ary,* integer, intent(out) *N*)

Definition at line 61292 of file tempassembled.f90.

3.31.2.102 subroutine nwtc_num::sortunion (real(reki), dimension(n1), intent(in) *Ary1,* integer, intent(in) *N1,* real(reki), dimension(n2), intent(in) *Ary2,* integer, intent(in) *N2,* real(reki), dimension(n1+n2), intent(out) *Ary,* integer, intent(out) *N*)

Definition at line 5781 of file tempassembled.f90.

3.31.2.103 subroutine nwtc_num::sortunion (real(reki), dimension(n1), intent(in) *Ary1,* integer, intent(in) *N1,* real(reki), dimension(n2), intent(in) *Ary2,* integer, intent(in) *N2,* real(reki), dimension(n1+n2), intent(out) *Ary,* integer, intent(out) *N*)

Definition at line 19651 of file tempassembled.f90.

3.31.2.104 subroutine nwtc_num::sortunion (real(reki), dimension(n1), intent(in) *Ary1,* integer, intent(in) *N1,* real(reki), dimension(n2), intent(in) *Ary2,* integer, intent(in) *N2,* real(reki), dimension(n1+n2), intent(out) *Ary,* integer, intent(out) *N*)

Definition at line 33521 of file tempassembled.f90.

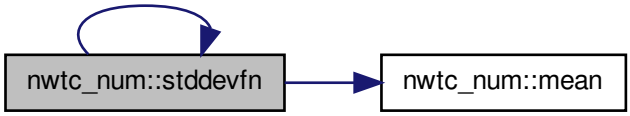
3.31.2.105 subroutine nwtc_num::sortunion (real(reki), dimension(n1), intent(in) *Ary1,* integer, intent(in) *N1,* real(reki), dimension(n2), intent(in) *Ary2,* integer, intent(in) *N2,* real(reki), dimension(n1+n2), intent(out) *Ary,* integer, intent(out) *N*)

Definition at line 47391 of file tempassembled.f90.

3.31.2.106 real(reki) function nwtc_num::stddevfn (real(reki), dimension (arylen), intent(in) *Ary,* integer, intent(in) *AryLen,* real(reki), intent(in) *Mean*)

Definition at line 47459 of file tempassembled.f90.

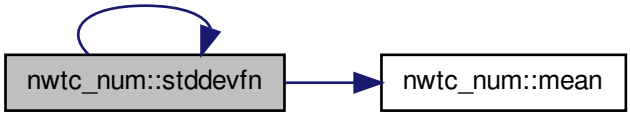
Here is the call graph for this function:



3.31.2.107 real(reki) function nwtc_num::stddevfn (real(reki), dimension (arylen), intent(in) *Ary,* integer, intent(in) *AryLen,* real(reki), intent(in) *Mean*)

Definition at line 19719 of file tempassembled.f90.

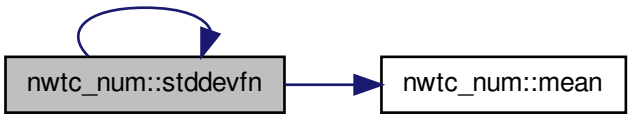
Here is the call graph for this function:



3.31.2.108 real(reki) function nwtc_num::stddevfn (real(reki), dimension (arylen), intent(in) *Ary,* integer, intent(in) *AryLen,* real(reki), intent(in) *Mean*)

Definition at line 61360 of file tempassembled.f90.

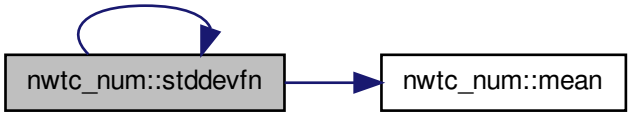
Here is the call graph for this function:



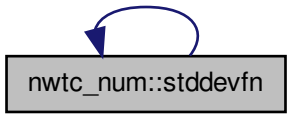
3.31.2.109 real(reki) function nwtc_num::stddevfn (real(reki), dimension (arylen), intent(in) *Ary,* integer, intent(in) *AryLen,* real(reki), intent(in) *Mean*)

Definition at line 5849 of file tempassembled.f90.

Here is the call graph for this function:



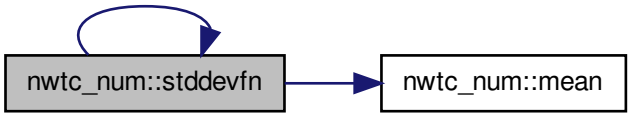
Here is the caller graph for this function:



3.31.2.110 real(reki) function nwtc_num::stddevfn (real(reki), dimension (arylen), intent(in) *Ary,* integer, intent(in) *AryLen,* real(reki), intent(in) *Mean*)

Definition at line 33589 of file tempassembled.f90.

Here is the call graph for this function:



3.31.3 Member Data Documentation

3.31.3.1 real(reki) nwtc_num::d2r

Definition at line 4480 of file tempassembled.f90.

3.31.3.2 real(dbki) nwtc_num::d2r_d

Definition at line 4468 of file tempassembled.f90.

3.31.3.3 real(reki) nwtc_num::inf

Definition at line 4481 of file tempassembled.f90.

3.31.3.4 real(dbki) nwtc_num::inf_d

Definition at line 4469 of file tempassembled.f90.

3.31.3.5 integer, dimension (:,:), allocatable nwtc_num::intindx

Definition at line 4491 of file tempassembled.f90.

3.31.3.6 real(reki) nwtc_num::nan

Definition at line 4482 of file tempassembled.f90.

3.31.3.7 real(dbki) nwtc_num::nan_d

Definition at line 4470 of file tempassembled.f90.

3.31.3.8 real(reki) nwtc_num::pi

Definition at line 4483 of file tempassembled.f90.

3.31.3.9 real(dbki) nwtc_num::pi_d

Definition at line 4471 of file tempassembled.f90.

3.31.3.10 real(reki) nwtc_num::piby2

Definition at line 4484 of file tempassembled.f90.

3.31.3.11 real(dbki) nwtc_num::piby2_d

Definition at line 4472 of file tempassembled.f90.

3.31.3.12 real(reki) nwtc_num::r2d

Definition at line 4485 of file tempassembled.f90.

3.31.3.13 real(dbki) nwtc_num::r2d_d

Definition at line 4473 of file tempassembled.f90.

3.31.3.14 real(reki) nwtc_num::rpm2rps

Definition at line 4486 of file tempassembled.f90.

3.31.3.15 real(dbki) nwtc_num::rpm2rps_d

Definition at line 4474 of file tempassembled.f90.

3.31.3.16 real(reki) nwtc_num::rps2rpm

Definition at line 4487 of file tempassembled.f90.

3.31.3.17 real(dbki) nwtc_num::rps2rpm_d

Definition at line 4475 of file tempassembled.f90.

3.31.3.18 real(reki) nwtc_num::twobypi

Definition at line 4488 of file tempassembled.f90.

3.31.3.19 real(dbki) nwtc_num::twobypi_d

Definition at line 4476 of file tempassembled.f90.

3.31.3.20 real(reki) nwtc_num::twopi

Definition at line 4489 of file tempassembled.f90.

3.31.3.21 real(dbki) nwtc_num::twopi_d

Definition at line 4477 of file tempassembled.f90.

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

- tempassembled.f90

3.32 precision Module Reference

Public Attributes

- integer, parameter b1ki = SELECTED_INT_KIND(2)
- integer, parameter b2ki = SELECTED_INT_KIND(4)
- integer, parameter b4ki = SELECTED_INT_KIND(9)
- integer, parameter b8ki = SELECTED_INT_KIND(18)
- integer, parameter quki = SELECTED_REAL_KIND(20, 500)
- integer, parameter r8ki = SELECTED_REAL_KIND(14, 300)
- integer, parameter siki = SELECTED_REAL_KIND(6, 30)
- integer, parameter intki = B4Ki
- integer, parameter reki = SiKi
- integer, parameter dbki = R8Ki
- integer(intki), parameter bytesperreki = 4
- integer(intki), parameter bytesperdbki = 8
- integer(intki), parameter bytesperintki = 4

3.32.1 Detailed Description

Definition at line 77 of file tempassembled.f90.

3.32.2 Member Data Documentation

3.32.2.1 integer parameter precision::b1ki = SELECTED_INT_KIND(2)

Definition at line 86 of file tempassembled.f90.

3.32.2.2 integer parameter precision::b2ki = SELECTED_INT_KIND(4)

Definition at line 87 of file tempassembled.f90.

3.32.2.3 integer parameter precision::b4ki = SELECTED_INT_KIND(9)

Definition at line 88 of file tempassembled.f90.

3.32.2.4 integer parameter precision::b8ki = SELECTED_INT_KIND(18)

Definition at line 89 of file tempassembled.f90.

3.32.2.5 integer(intki), parameter precision::bytesperdbki = 8

Definition at line 106 of file tempassembled.f90.

3.32.2.6 integer(intki), parameter precision::bytesperintki = 4

Definition at line 107 of file tempassembled.f90.

3.32.2.7 integer(intki), parameter precision::bytesperreki = 4

Definition at line 105 of file tempassembled.f90.

3.32.2.8 integer parameter precision::dbki = R8Ki

Definition at line 100 of file tempassembled.f90.

3.32.2.9 integer parameter precision::intki = B4Ki

Definition at line 98 of file tempassembled.f90.

3.32.2.10 integer parameter precision::quki = SELECTED_REAL_KIND(20, 500)

Definition at line 91 of file tempassembled.f90.

3.32.2.11 integer parameter precision::r8ki = SELECTED_REAL_KIND(14, 300)

Definition at line 92 of file tempassembled.f90.

3.32.2.12 integer parameter precision::reki = SiKi

Definition at line 99 of file tempassembled.f90.

3.32.2.13 integer parameter precision::siki = SELECTED_REAL_KIND(6, 30)

Definition at line 93 of file tempassembled.f90.

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

- tempassembled.f90

3.33 nwtc_io::progdesc Type Reference

Public Attributes

- character(24) name
- character(99) ver
- character(24) date

3.33.1 Detailed Description

Definition at line 998 of file tempassembled.f90.

3.33.2 Member Data Documentation

3.33.2.1 character(24) nwtc_io::progdesc::date

Definition at line 1001 of file tempassembled.f90.

3.33.2.2 character(24) nwtc_io::progdesc::name

Definition at line 999 of file tempassembled.f90.

3.33.2.3 character(99) nwtc_io::progdesc::ver

Definition at line 1000 of file tempassembled.f90.

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

- tempassembled.f90

3.34 nwtc_io::readary Interface Reference

Public Member Functions

- subroutine readcary (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readiary (UnIn, Fil, IntAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readlary (UnIn, Fil, LogAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrary (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcary (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readiary (UnIn, Fil, IntAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readlary (UnIn, Fil, LogAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrary (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcary (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readiary (UnIn, Fil, IntAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readlary (UnIn, Fil, LogAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrary (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcary (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readiary (UnIn, Fil, IntAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readlary (UnIn, Fil, LogAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrary (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcary (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)

- subroutine readiary (UnIn, Fil, IntAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readlary (UnIn, Fil, LogAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrary (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)

3.34.1 Detailed Description

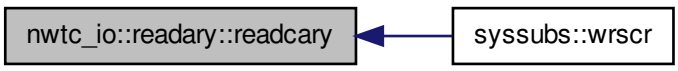
Definition at line 1077 of file tempassembled.f90.

3.34.2 Member Function/Subroutine Documentation

3.34.2.1 subroutine nwtc_io::readary::readcary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 2999 of file tempassembled.f90.

Here is the caller graph for this function:



3.34.2.2 subroutine nwtc_io::readary::readcary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 16869 of file tempassembled.f90.

3.34.2.3 subroutine nwtc_io::readary::readcary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 30739 of file tempassembled.f90.

3.34.2.4 subroutine nwtc_io::readary::readcary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 58510 of file tempassembled.f90.

3.34.2.5 subroutine nwtc_io::readary::readcary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 44609 of file tempassembled.f90.

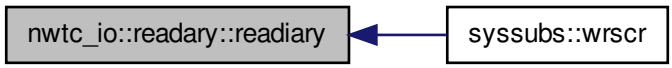
3.34.2.6 subroutine nwtc_io::readary::readiary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, dimension(arylen), intent(out) *IntAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59015 of file tempassembled.f90.

3.34.2.7 subroutine nwtc_io::readary::readiary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, dimension(arylen), intent(out) *IntAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3504 of file tempassembled.f90.

Here is the caller graph for this function:



3.34.2.8 subroutine nwtc_io::readary::readiary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, dimension(arylen), intent(out) *IntAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31244 of file tempassembled.f90.

3.34.2.9 subroutine nwtc_io::readary::readiary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, dimension(arylen), intent(out) *IntAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17374 of file tempassembled.f90.

3.34.2.10 subroutine nwtc_io::readary::readiary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, dimension(arylen), intent(out) *IntAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45114 of file tempassembled.f90.

3.34.2.11 subroutine nwtc_io::readary::readlary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, dimension(arylen), intent(out) *LogAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31340 of file tempassembled.f90.

3.34.2.12 subroutine nwtc_io::readary::readlary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, dimension(arylen), intent(out) *LogAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17470 of file tempassembled.f90.

3.34.2.13 subroutine nwtc_io::readary::readlary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, dimension(arylen), intent(out) *LogAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59111 of file tempassembled.f90.

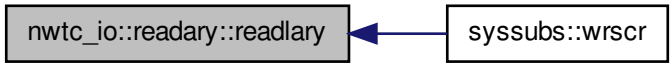
3.34.2.14 subroutine nwtc_io::readary::readlary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, dimension(arylen), intent(out) *LogAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45210 of file tempassembled.f90.

3.34.2.15 subroutine nwtc_io::readary::readlary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, dimension(arylen), intent(out) *LogAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3600 of file tempassembled.f90.

Here is the caller graph for this function:



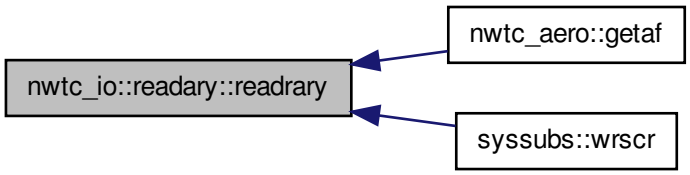
3.34.2.16 subroutine nwtc_io::readary::readrary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), dimension(arylen), intent(inout) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31570 of file tempassembled.f90.

3.34.2.17 subroutine nwtc_io::readary::readrary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), dimension(arylen), intent(inout) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3830 of file tempassembled.f90.

Here is the caller graph for this function:



3.34.2.18 subroutine nwtc_io::readary::readrary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), dimension(arylen), intent(inout) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45440 of file tempassembled.f90.

3.34.2.19 subroutine nwtc_io::readary::readrary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), dimension(arylen), intent(inout) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17700 of file tempassembled.f90.

3.34.2.20 subroutine nwtc_io::readary::readrary (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(reki), dimension(arylen), intent(inout) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59341 of file tempassembled.f90.

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

- tempassembled.f90

3.35 nwtc_io::readarylines Interface Reference

Public Member Functions

- subroutine readcarylines (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines4 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines8 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines16 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcarylines (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines4 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines8 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines16 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcarylines (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines4 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines8 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)

- subroutine readrarylines16 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcarylines (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines4 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines8 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines16 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readcarylines (UnIn, Fil, CharAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines4 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines8 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)
- subroutine readrarylines16 (UnIn, Fil, RealAry, AryLen, AryName, AryDescr, ErrStat)

3.35.1 Detailed Description

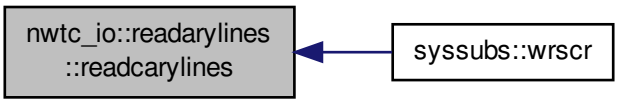
Definition at line 1085 of file tempassembled.f90.

3.35.2 Member Function/Subroutine Documentation

3.35.2.1 subroutine nwtc_io::readarylines::readcarylines (integer, intent(in) *UnIn,* character(*), intent(in) *Fil,* character(*), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(*), intent(in) *AryName,* character(*), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3043 of file tempassembled.f90.

Here is the caller graph for this function:



3.35.2.2 subroutine nwtc_io::readarylines::readcarylines (integer, intent(in) *UnIn,* character(*), intent(in) *Fil,* character(*), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(*), intent(in) *AryName,* character(*), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 16913 of file tempassembled.f90.

3.35.2.3 subroutine nwtc_io::readarylines::readcarylines (integer, intent(in) *UnIn,* character(*), intent(in) *Fil,* character(*), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(*), intent(in) *AryName,* character(*), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 30783 of file tempassembled.f90.

3.35.2.4 subroutine nwtc_io::readarylines::readcarylines (integer, intent(in) *UnIn,* character(*), intent(in) *Fil,* character(*), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(*), intent(in) *AryName,* character(*), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 58554 of file tempassembled.f90.

3.35.2.5 subroutine nwtc_io::readarylines::readcarylines (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), dimension(arylen), intent(out) *CharAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 44653 of file tempassembled.f90.

3.35.2.6 subroutine nwtc_io::readarylines::readrarylines16 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45628 of file tempassembled.f90.

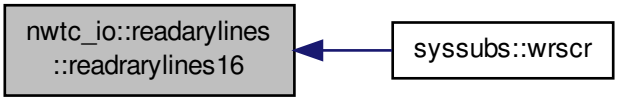
3.35.2.7 subroutine nwtc_io::readarylines::readrarylines16 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17888 of file tempassembled.f90.

3.35.2.8 subroutine nwtc_io::readarylines::readrarylines16 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 4018 of file tempassembled.f90.

Here is the caller graph for this function:



3.35.2.9 subroutine nwtc_io::readarylines::readrarylines16 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59529 of file tempassembled.f90.

3.35.2.10 subroutine nwtc_io::readarylines::readrarylines16 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31758 of file tempassembled.f90.

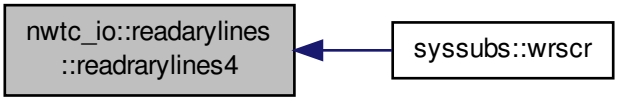
3.35.2.11 subroutine nwtc_io::readarylines::readrarylines4 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17794 of file tempassembled.f90.

3.35.2.12 subroutine nwtc_io::readarylines::readrarylines4 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3924 of file tempassembled.f90.

Here is the caller graph for this function:



3.35.2.13 subroutine nwtc_io::readarylines::readrarylines4 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59435 of file tempassembled.f90.

3.35.2.14 subroutine nwtc_io::readarylines::readrarylines4 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31664 of file tempassembled.f90.

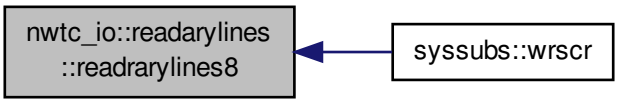
3.35.2.15 subroutine nwtc_io::readarylines::readrarylines4 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45534 of file tempassembled.f90.

3.35.2.16 subroutine nwtc_io::readarylines::readrarylines8 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3971 of file tempassembled.f90.

Here is the caller graph for this function:



3.35.2.17 subroutine nwtc_io::readarylines::readrarylines8 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17841 of file tempassembled.f90.

3.35.2.18 subroutine nwtc_io::readarylines::readrarylines8 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45581 of file tempassembled.f90.

3.35.2.19 subroutine nwtc_io::readarylines::readrarylines8 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59482 of file tempassembled.f90.

3.35.2.20 subroutine nwtc_io::readarylines::readrarylines8 (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), dimension(arylen), intent(out) *RealAry,* integer, intent(in) *AryLen,* character(∗), intent(in) *AryName,* character(∗), intent(in) *AryDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31711 of file tempassembled.f90.

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

- tempassembled.f90

3.36 nwtc_io::readvar Interface Reference

Public Member Functions

- subroutine readcvar (UnIn, Fil, CharVar, VarName, VarDescr, ErrStat)
- subroutine readivar (UnIn, Fil, IntVar, VarName, VarDescr, ErrStat)
- subroutine readlvar (UnIn, Fil, LogVar, VarName, VarDescr, ErrStat)
- subroutine readr4var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr8var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr16var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readcvar (UnIn, Fil, CharVar, VarName, VarDescr, ErrStat)
- subroutine readivar (UnIn, Fil, IntVar, VarName, VarDescr, ErrStat)
- subroutine readlvar (UnIn, Fil, LogVar, VarName, VarDescr, ErrStat)
- subroutine readr4var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr8var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr16var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readcvar (UnIn, Fil, CharVar, VarName, VarDescr, ErrStat)
- subroutine readivar (UnIn, Fil, IntVar, VarName, VarDescr, ErrStat)
- subroutine readlvar (UnIn, Fil, LogVar, VarName, VarDescr, ErrStat)
- subroutine readr4var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr8var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr16var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readcvar (UnIn, Fil, CharVar, VarName, VarDescr, ErrStat)
- subroutine readivar (UnIn, Fil, IntVar, VarName, VarDescr, ErrStat)
- subroutine readlvar (UnIn, Fil, LogVar, VarName, VarDescr, ErrStat)

- subroutine readr4var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr8var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr16var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readcvar (UnIn, Fil, CharVar, VarName, VarDescr, ErrStat)
- subroutine readivar (UnIn, Fil, IntVar, VarName, VarDescr, ErrStat)
- subroutine readlvar (UnIn, Fil, LogVar, VarName, VarDescr, ErrStat)
- subroutine readr4var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr8var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)
- subroutine readr16var (UnIn, Fil, RealVar, VarName, VarDescr, ErrStat)

3.36.1 Detailed Description

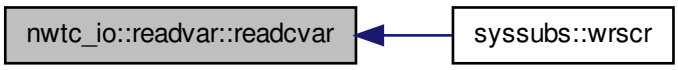
Definition at line 1065 of file tempassembled.f90.

3.36.2 Member Function/Subroutine Documentation

3.36.2.1 subroutine nwtc_io::readvar::readcvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *CharVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3129 of file tempassembled.f90.

Here is the caller graph for this function:



3.36.2.2 subroutine nwtc_io::readvar::readcvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *CharVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 44739 of file tempassembled.f90.

3.36.2.3 subroutine nwtc_io::readvar::readcvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *CharVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 16999 of file tempassembled.f90.

3.36.2.4 subroutine nwtc_io::readvar::readcvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *CharVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 30869 of file tempassembled.f90.

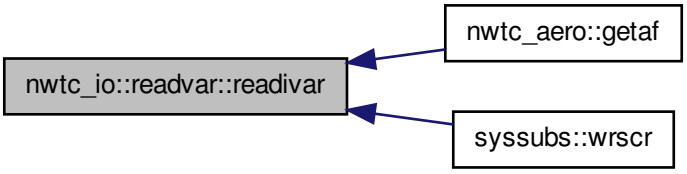
3.36.2.5 subroutine nwtc_io::readvar::readcvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* character(∗), intent(out) *CharVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 58640 of file tempassembled.f90.

3.36.2.6 subroutine nwtc_io::readvar::readivar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, intent(out) *IntVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3550 of file tempassembled.f90.

Here is the caller graph for this function:



3.36.2.7 subroutine nwtc_io::readvar::readivar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, intent(out) *IntVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17420 of file tempassembled.f90.

3.36.2.8 subroutine nwtc_io::readvar::readivar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, intent(out) *IntVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45160 of file tempassembled.f90.

3.36.2.9 subroutine nwtc_io::readvar::readivar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, intent(out) *IntVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59061 of file tempassembled.f90.

3.36.2.10 subroutine nwtc_io::readvar::readivar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* integer, intent(out) *IntVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31290 of file tempassembled.f90.

3.36.2.11 subroutine nwtc_io::readvar::readlvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, intent(out) *LogVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17517 of file tempassembled.f90.

3.36.2.12 subroutine nwtc_io::readvar::readlvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, intent(out) *LogVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45257 of file tempassembled.f90.

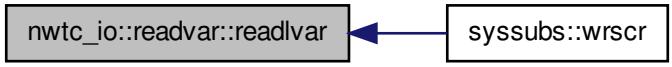
3.36.2.13 subroutine nwtc_io::readvar::readlvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, intent(out) *LogVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59158 of file tempassembled.f90.

3.36.2.14 subroutine nwtc_io::readvar::readlvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, intent(out) *LogVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 3647 of file tempassembled.f90.

Here is the caller graph for this function:



3.36.2.15 subroutine nwtc_io::readvar::readlvar (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* logical, intent(out) *LogVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31387 of file tempassembled.f90.

3.36.2.16 subroutine nwtc_io::readvar::readr16var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31959 of file tempassembled.f90.

3.36.2.17 subroutine nwtc_io::readvar::readr16var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59730 of file tempassembled.f90.

3.36.2.18 subroutine nwtc_io::readvar::readr16var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 18089 of file tempassembled.f90.

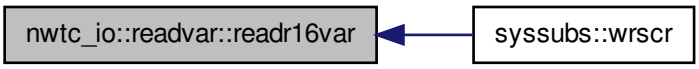
3.36.2.19 subroutine nwtc_io::readvar::readr16var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45829 of file tempassembled.f90.

3.36.2.20 subroutine nwtc_io::readvar::readr16var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(quki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 4219 of file tempassembled.f90.

Here is the caller graph for this function:



3.36.2.21 subroutine nwtc_io::readvar::readr4var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45727 of file tempassembled.f90.

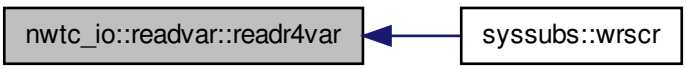
3.36.2.22 subroutine nwtc_io::readvar::readr4var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31857 of file tempassembled.f90.

3.36.2.23 subroutine nwtc_io::readvar::readr4var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 4117 of file tempassembled.f90.

Here is the caller graph for this function:



3.36.2.24 subroutine nwtc_io::readvar::readr4var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59628 of file tempassembled.f90.

3.36.2.25 subroutine nwtc_io::readvar::readr4var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(siki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 17987 of file tempassembled.f90.

3.36.2.26 subroutine nwtc_io::readvar::readr8var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 31908 of file tempassembled.f90.

3.36.2.27 subroutine nwtc_io::readvar::readr8var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 45778 of file tempassembled.f90.

3.36.2.28 subroutine nwtc_io::readvar::readr8var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 59679 of file tempassembled.f90.

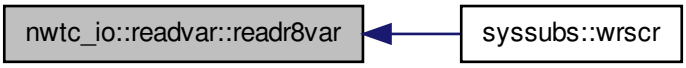
3.36.2.29 subroutine nwtc_io::readvar::readr8var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 18038 of file tempassembled.f90.

3.36.2.30 subroutine nwtc_io::readvar::readr8var (integer, intent(in) *UnIn,* character(∗), intent(in) *Fil,* real(r8ki), intent(out) *RealVar,* character(∗), intent(in) *VarName,* character(∗), intent(in) *VarDescr,* integer, intent(out), optional *ErrStat*)

Definition at line 4168 of file tempassembled.f90.

Here is the caller graph for this function:



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

- tempassembled.f90

3.37 sharedinflowdefns Module Reference

Data Types

- type inflintrpout

Public Attributes

- integer, parameter, public default_wind = -1
- integer, parameter, public undef_wind = 0
- integer, parameter, public hh_wind = 1
- integer, parameter, public ff_wind = 2
- integer, parameter, public ud_wind = 3
- integer, parameter, public fd_wind = 4
- integer, parameter, public ctp_wind = 5
- integer, parameter, public hawc_wind = 6

3.37.1 Detailed Description

Definition at line 7179 of file tempassembled.f90.

3.37.2 Member Data Documentation

3.37.2.1 integer parameter public sharedinflowdefns::ctp_wind = 5

Definition at line 7210 of file tempassembled.f90.

3.37.2.2 integer parameter public sharedinflowdefns::default_wind = -1

Definition at line 7204 of file tempassembled.f90.

3.37.2.3 integer parameter public sharedinflowdefns::fd_wind = 4

Definition at line 7209 of file tempassembled.f90.

3.37.2.4 integer parameter public sharedinflowdefns::ff_wind = 2

Definition at line 7207 of file tempassembled.f90.

3.37.2.5 integer parameter public sharedinflowdefns::hawc_wind = 6

Definition at line 7211 of file tempassembled.f90.

3.37.2.6 integer parameter public sharedinflowdefns::hh_wind = 1

Definition at line 7206 of file tempassembled.f90.

3.37.2.7 integer parameter public sharedinflowdefns::ud_wind = 3

Definition at line 7208 of file tempassembled.f90.

3.37.2.8 integer parameter public sharedinflowdefns::undef_wind = 0

Definition at line 7205 of file tempassembled.f90.

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

- tempassembled.f90

3.38 sharedinflowdefs Module Reference

Data Types

- type inflintrpout

Public Attributes

- integer, parameter, public default_wind = -1
- integer, parameter, public undef_wind = 0
- integer, parameter, public hh_wind = 1
- integer, parameter, public ff_wind = 2

- integer, parameter, public ud_wind = 3
- integer, parameter, public fd_wind = 4
- integer, parameter, public ctp_wind = 5
- integer, parameter, public hawc_wind = 6
- integer, save windtype = Undef_Wind
- logical, save ct_flag = .FALSE.

3.38.1 Detailed Description

Definition at line 62700 of file tempassembled.f90.

3.38.2 Member Data Documentation

3.38.2.1 logical, save sharedinflowdefs::ct_flag = .FALSE.

Definition at line 62741 of file tempassembled.f90.

3.38.2.2 integer, parameter, public sharedinflowdefs::ctp_wind = 5

Definition at line 62734 of file tempassembled.f90.

3.38.2.3 integer, parameter, public sharedinflowdefs::default_wind = -1

Definition at line 62728 of file tempassembled.f90.

3.38.2.4 integer, parameter, public sharedinflowdefs::fd_wind = 4

Definition at line 62733 of file tempassembled.f90.

3.38.2.5 integer, parameter, public sharedinflowdefs::ff_wind = 2

Definition at line 62731 of file tempassembled.f90.

3.38.2.6 integer, parameter, public sharedinflowdefs::hawc_wind = 6

Definition at line 62735 of file tempassembled.f90.

3.38.2.7 integer, parameter, public sharedinflowdefs::hh_wind = 1

Definition at line 62730 of file tempassembled.f90.

3.38.2.8 integer, parameter, public sharedinflowdefs::ud_wind = 3

Definition at line 62732 of file tempassembled.f90.

3.38.2.9 integer, parameter, public sharedinflowdefs::undef_wind = 0

Definition at line 62729 of file tempassembled.f90.

3.38.2.10 integer, save sharedinflowdefs::windtype = Undef_Wind

Definition at line 62738 of file tempassembled.f90.

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

- tempassembled.f90

3.39 syssubs Module Reference

Public Member Functions

- subroutine flushout (Unit)
- subroutine get_arg (Arg_Num, Arg, Error)
- subroutine get_arg_num (Arg_Num)
- subroutine get_command (Command, Length, Status)
- subroutine get_command_argument (Number, Value, Length, Status)
- subroutine get_cwd (DirName, Status)
- character(500) function get_env (EnvVar)
- character(maxlen) function get_environment_variable (Name, Value, Length, Status, Trim_Name)
- logical function is_nan (DblNum)
- subroutine openbinfile (Un, OutFile, RecLen, Error)
- subroutine openbininpfile (Un, InFile, Error)
- subroutine opencon
- subroutine openunfinpbefile (Un, InFile, RecLen, Error)
- subroutine progexit (StatCode)
- subroutine usralarm
- subroutine wrnr (Str)
- subroutine wrover (Str)
- subroutine, dimension() wrscr (Str)
- subroutine flushout (Unit)
- subroutine get_arg (Arg_Num, Arg, Error)
- subroutine get_arg_num (Arg_Num)
- subroutine get_command (Command, Length, Status)
- subroutine get_command_argument (Number, Value, Length, Status)
- subroutine get_cwd (DirName, Status)
- character(500) function get_env (EnvVar)
- character(maxlen) function get_environment_variable (Name, Value, Length, Status, Trim_Name)
- logical function is_nan (DblNum)
- subroutine openbinfile (Un, OutFile, RecLen, Error)
- subroutine openbininpfile (Un, InFile, Error)
- subroutine opencon
- subroutine openunfinpbefile (Un, InFile, RecLen, Error)
- subroutine progexit (StatCode)
- subroutine usralarm
- subroutine wrnr (Str)
- subroutine wrover (Str)
- subroutine, dimension() wrscr (Str)
- subroutine flushout (Unit)
- subroutine get_arg (Arg_Num, Arg, Error)
- subroutine get_arg_num (Arg_Num)
- subroutine get_command (Command, Length, Status)
- subroutine get_command_argument (Number, Value, Length, Status)
- subroutine get_cwd (DirName, Status)
- character(500) function get_env (EnvVar)
- character(maxlen) function get_environment_variable (Name, Value, Length, Status, Trim_Name)
- logical function is_nan (DblNum)
- subroutine openbinfile (Un, OutFile, RecLen, Error)
- subroutine openbininpfile (Un, InFile, Error)

- subroutine opencon
- subroutine openunfinpbefile (Un, InFile, RecLen, Error)
- subroutine progexit (StatCode)
- subroutine usralarm
- subroutine wrnr (Str)
- subroutine wrover (Str)
- subroutine, dimension() wrscr (Str)
- subroutine flushout (Unit)
- subroutine get_arg (Arg_Num, Arg, Error)
- subroutine get_arg_num (Arg_Num)
- subroutine get_command (Command, Length, Status)
- subroutine get_command_argument (Number, Value, Length, Status)
- subroutine get_cwd (DirName, Status)
- character(500) function get_env (EnvVar)
- character(maxlen) function get_environment_variable (Name, Value, Length, Status, Trim_Name)
- logical function is_nan (DblNum)
- subroutine openbinfile (Un, OutFile, RecLen, Error)
- subroutine openbininpfile (Un, InFile, Error)
- subroutine opencon
- subroutine openunfinpbefile (Un, InFile, RecLen, Error)
- subroutine progexit (StatCode)
- subroutine usralarm
- subroutine wrnr (Str)
- subroutine wrover (Str)
- subroutine, dimension() wrscr (Str)
- subroutine flushout (Unit)
- subroutine get_arg (Arg_Num, Arg, Error)
- subroutine get_arg_num (Arg_Num)
- subroutine get_command (Command, Length, Status)
- subroutine get_command_argument (Number, Value, Length, Status)
- subroutine get_cwd (DirName, Status)
- character(500) function get_env (EnvVar)
- character(maxlen) function get_environment_variable (Name, Value, Length, Status, Trim_Name)
- logical function is_nan (DblNum)
- subroutine openbinfile (Un, OutFile, RecLen, Error)
- subroutine openbininpfile (Un, InFile, Error)
- subroutine opencon
- subroutine openunfinpbefile (Un, InFile, RecLen, Error)
- subroutine progexit (StatCode)
- subroutine usralarm
- subroutine wrnr (Str)
- subroutine wrover (Str)
- subroutine, dimension() wrscr (Str)

Public Attributes

- integer conrecl = 120
- integer cu = 6
- integer nl_len = 2
- character(10) endian = 'BIG_ENDIAN'
- character(1) pathsep = '\' ! The path separater. CHARACTER(1) :: SwChar = '/' ! The switch character for command-line options.!20110512 jm changed from 'BINARY' to 'UNFORMATTED' because 'BINARY' is not!standard and caused problems in OPEN statements in NWTC_iO.f90 that use!this definition CHARACTER(11) :: UnfForm = 'UNFORMATTED' ! The string to specify unformatted I/O files.-CONTAINS!=== FUNCTION COMMAND_ARGUMENT_COUNT() ! This routine returns the number of argumenta entered on the command line.. ! Note: This routine will be available intrinsically in Fortran 2000. ! Function declaration. INTEGER :: COMMAND_ARGUMENT_COUNT ! This function. The command line. ! Determine the mumber of arguments. Load the program name into the result. COMMAND_ARGUMENT_COUNT = IArgC() RETURN END FUNCTION COMMAND_ARGUMENT_COUNT ! ()!=== SUBROUTINE FileSize (FileName, Size) ! This routine calls the routine Stat to obtain the file size ! corresponding to a file name or returns -1 on error. ! mlb: WARNING!!! ! The standard version of the routine uses the file unit instead of file name. ! We need fix the routines that call this one. ! Argument declarations: INTEGER, INTENT(OUT) :: Size CHARACTER(∗), INTENT(IN) :: FileName ! Intrinsic declarations: INTEGER(KIND=1) :: Stat ! Local declarations: INTEGER :: StatArray(12) INTEGER :: Status Status = Stat(FileName, StatArray) IF (Status /= 0) THEN Size = -1 ELSE Size = StatArray(8) END IF RETURN END SUBROUTINE FileSize ! (FileName, Size)!=== SUBROUTINE FindLine (Str , MaxLen , StrEnd) ! This routine finds one line of text with a maximum length of MaxLen from the Str. ! It tries to break the line at a blank. ! This routine isn't system specific
- character(1) but
- character(1) it
- character(1) is
- character(1) called
- character(1) by
- character(1), dimension() wrscr
- character(1) which
- character(1) so
- character(1) must
- character(1) be
- character(1) here
- integer, intent(in) maxlen
- integer, intent(out) strend
- character(∗), intent(in) str
- integer ic

3.39.1 Detailed Description

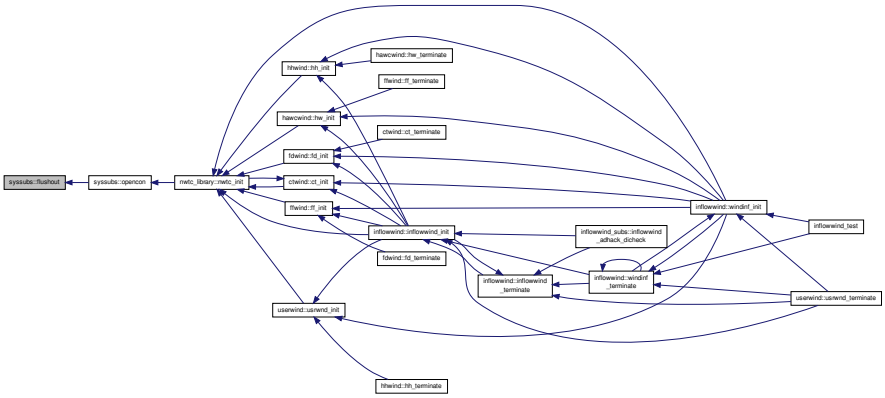
Definition at line 111 of file tempassembled.f90.

3.39.2 Member Function/Subroutine Documentation

3.39.2.1 subroutine syssubs::flushout (integer, intent(in) *Unit*)

Definition at line 287 of file tempassembled.f90.

Here is the caller graph for this function:



3.39.2.2 subroutine syssubs::flushout (integer, intent(in) *Unit*)

Definition at line 14157 of file tempassembled.f90.

3.39.2.3 subroutine syssubs::flushout (integer, intent(in) *Unit*)

Definition at line 28027 of file tempassembled.f90.

3.39.2.4 subroutine syssubs::flushout (integer, intent(in) *Unit*)

Definition at line 55798 of file tempassembled.f90.

3.39.2.5 subroutine syssubs::flushout (integer, intent(in) *Unit*)

Definition at line 41897 of file tempassembled.f90.

3.39.2.6 subroutine syssubs::get_arg (integer, intent(in) *Arg_Num,* character(∗), intent(out) *Arg,* logical, intent(out) *Error*)

Definition at line 306 of file tempassembled.f90.

Here is the caller graph for this function:

3.39.2.7 subroutine syssubs::get_arg (integer, intent(in) *Arg_Num,* character(∗), intent(out) *Arg,* logical, intent(out) *Error*)

Definition at line 55817 of file tempassembled.f90.

3.39.2.8 subroutine syssubs::get_arg (integer, intent(in) *Arg_Num,* character(∗), intent(out) *Arg,* logical, intent(out) *Error*)

Definition at line 28046 of file tempassembled.f90.

3.39.2.9 subroutine syssubs::get_arg (integer, intent(in) *Arg_Num,* character(∗), intent(out) *Arg,* logical, intent(out) *Error*)

Definition at line 14176 of file tempassembled.f90.

3.39.2.10 subroutine syssubs::get_arg (integer, intent(in) *Arg_Num,* character(∗), intent(out) *Arg,* logical, intent(out) *Error*)

Definition at line 41916 of file tempassembled.f90.

3.39.2.11 subroutine syssubs::get_arg_num (integer, intent(out) *Arg_Num*)

Definition at line 55852 of file tempassembled.f90.

3.39.2.12 subroutine syssubs::get_arg_num (integer, intent(out) *Arg_Num*)

Definition at line 28081 of file tempassembled.f90.

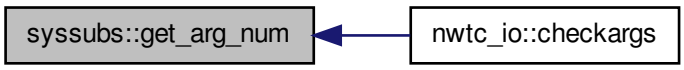
3.39.2.13 subroutine syssubs::get_arg_num (integer, intent(out) *Arg_Num*)

Definition at line 14211 of file tempassembled.f90.

3.39.2.14 subroutine syssubs::get_arg_num (integer, intent(out) *Arg_Num*)

Definition at line 341 of file tempassembled.f90.

Here is the caller graph for this function:



3.39.2.15 subroutine syssubs::get_arg_num (integer, intent(out) *Arg_Num*)

Definition at line 41951 of file tempassembled.f90.

3.39.2.16 subroutine syssubs::get_command (character(∗), intent(out), optional *Command,* integer, intent(out), optional *Length,* integer, intent(out), optional *Status*)

Definition at line 361 of file tempassembled.f90.

3.39.2.17 subroutine syssubs::get_command (character(∗), intent(out), optional *Command,* integer, intent(out), optional *Length,* integer, intent(out), optional *Status*)

Definition at line 55872 of file tempassembled.f90.

3.39.2.18 subroutine syssubs::get_command (character(∗), intent(out), optional *Command,* integer, intent(out), optional *Length,* integer, intent(out), optional *Status*)

Definition at line 28101 of file tempassembled.f90.

3.39.2.19 subroutine syssubs::get_command (character(∗), intent(out), optional *Command,* integer, intent(out), optional *Length,* integer, intent(out), optional *Status*)

Definition at line 14231 of file tempassembled.f90.

3.39.2.20 subroutine syssubs::get_command (character(∗), intent(out), optional *Command,* integer, intent(out), optional *Length,* integer, intent(out), optional *Status*)

Definition at line 41971 of file tempassembled.f90.

3.39.2.21 subroutine syssubs::get_command_argument (integer, intent(in) *Number,* character(∗), intent(out), optional *Value,* integer, intent(out), optional *Length,* integer, intent(out), optional *Status*)

Definition at line 55925 of file tempassembled.f90.

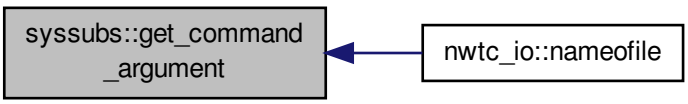
3.39.2.22 subroutine syssubs::get_command_argument (integer, intent(in) *Number,* character(∗), intent(out), optional *Value,* integer, intent(out), optional *Length,* integer, intent(out), optional *Status*)

Definition at line 28154 of file tempassembled.f90.

3.39.2.23 subroutine syssubs::get_command_argument (integer, intent(in) *Number,* character(∗), intent(out), optional *Value,* integer, intent(out), optional *Length,* integer, intent(out), optional *Status*)

Definition at line 414 of file tempassembled.f90.

Here is the caller graph for this function:



3.39.2.24 subroutine syssubs::get_command_argument (integer, intent(in) *Number,* character(∗), intent(out), optional *Value,* integer, intent(out), optional *Length,* integer, intent(out), optional *Status*)

Definition at line 14284 of file tempassembled.f90.

3.39.2.25 subroutine syssubs::get_command_argument (integer, intent(in) *Number,* character(∗), intent(out), optional *Value,* integer, intent(out), optional *Length,* integer, intent(out), optional *Status*)

Definition at line 42024 of file tempassembled.f90.

3.39.2.26 subroutine syssubs::get_cwd (character(∗), intent(out) *DirName,* integer, intent(out) *Status*)

Definition at line 55970 of file tempassembled.f90.

3.39.2.27 subroutine syssubs::get_cwd (character(∗), intent(out) *DirName,* integer, intent(out) *Status*)

Definition at line 28199 of file tempassembled.f90.

3.39.2.28 subroutine syssubs::get_cwd (character(∗), intent(out) *DirName,* integer, intent(out) *Status*)

Definition at line 14329 of file tempassembled.f90.

3.39.2.29 subroutine syssubs::get_cwd (character(∗), intent(out) *DirName,* integer, intent(out) *Status*)

Definition at line 459 of file tempassembled.f90.

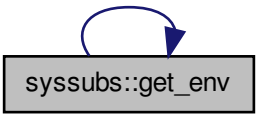
3.39.2.30 subroutine syssubs::get_cwd (character(∗), intent(out) *DirName,* integer, intent(out) *Status*)

Definition at line 42069 of file tempassembled.f90.

3.39.2.31 character(500) function syssubs::get_env (character(∗), intent(in) *EnvVar*)

Definition at line 55990 of file tempassembled.f90.

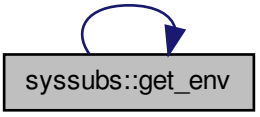
Here is the call graph for this function:



3.39.2.32 character(500) function syssubs::get_env (character(∗), intent(in) *EnvVar*)

Definition at line 28219 of file tempassembled.f90.

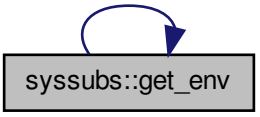
Here is the call graph for this function:



3.39.2.33 character(500) function syssubs::get_env (character(∗), intent(in) *EnvVar*)

Definition at line 14349 of file tempassembled.f90.

Here is the call graph for this function:



3.39.2.34 character(500) function syssubs::get_env (character(∗), intent(in) *EnvVar*)

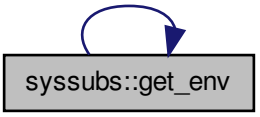
Definition at line 479 of file tempassembled.f90.

Here is the caller graph for this function:

3.39.2.35 character(500) function syssubs::get_env (character(∗), intent(in) *EnvVar*)

Definition at line 42089 of file tempassembled.f90.

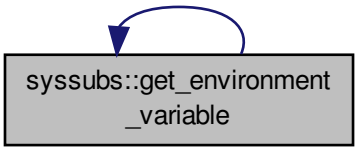
Here is the call graph for this function:



3.39.2.36 character(maxlen) function syssubs::get_environment_variable (character(∗), intent(in) *Name,* character(∗), intent(out), optional *Value,* integer, intent(out), optional *Length,* integer, intent(out), optional *Status,* logical, intent(in), optional *Trim_Name*)

Definition at line 505 of file tempassembled.f90.

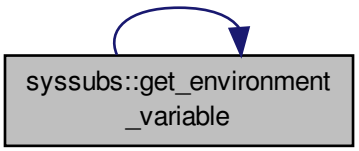
Here is the caller graph for this function:



3.39.2.37 character(maxlen) function syssubs::get_environment_variable (character(∗), intent(in) *Name,* character(∗), intent(out), optional *Value,* integer, intent(out), optional *Length,* integer, intent(out), optional *Status,* logical, intent(in), optional *Trim_Name*)

Definition at line 56016 of file tempassembled.f90.

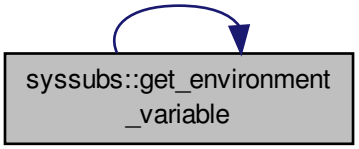
Here is the call graph for this function:



3.39.2.38 character(maxlen) function syssubs::get_environment_variable (character(∗), intent(in) *Name,* character(∗), intent(out), optional *Value,* integer, intent(out), optional *Length,* integer, intent(out), optional *Status,* logical, intent(in), optional *Trim_Name*)

Definition at line 28245 of file tempassembled.f90.

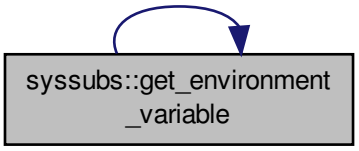
Here is the call graph for this function:



3.39.2.39 character(maxlen) function syssubs::get_environment_variable (character(∗), intent(in) *Name,* character(∗), intent(out), optional *Value,* integer, intent(out), optional *Length,* integer, intent(out), optional *Status,* logical, intent(in), optional *Trim_Name*)

Definition at line 14375 of file tempassembled.f90.

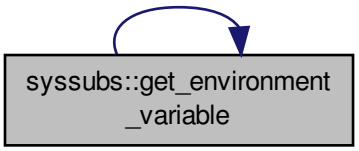
Here is the call graph for this function:



3.39.2.40 character(maxlen) function syssubs::get_environment_variable (character(∗), intent(in) *Name,* character(∗), intent(out), optional *Value,* integer, intent(out), optional *Length,* integer, intent(out), optional *Status,* logical, intent(in), optional *Trim_Name*)

Definition at line 42115 of file tempassembled.f90.

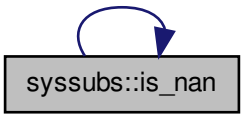
Here is the call graph for this function:



3.39.2.41 logical function syssubs::is_nan (real(dbki), intent(in) *DblNum*)

Definition at line 56086 of file tempassembled.f90.

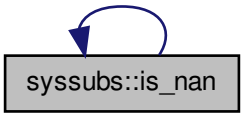
Here is the call graph for this function:



3.39.2.42 logical function syssubs::is_nan (real(dbki), intent(in) *DblNum*)

Definition at line 575 of file tempassembled.f90.

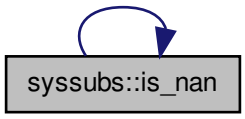
Here is the caller graph for this function:



3.39.2.43 logical function syssubs::is_nan (real(dbki), intent(in) *DblNum*)

Definition at line 28315 of file tempassembled.f90.

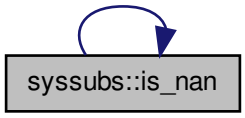
Here is the call graph for this function:



3.39.2.44 logical function syssubs::is_nan (real(dbki), intent(in) *DblNum*)

Definition at line 14445 of file tempassembled.f90.

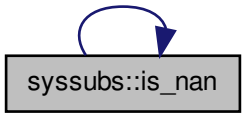
Here is the call graph for this function:



3.39.2.45 logical function syssubs::is_nan (real(dbki), intent(in) *DblNum*)

Definition at line 42185 of file tempassembled.f90.

Here is the call graph for this function:



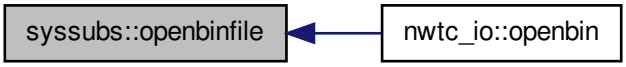
3.39.2.46 subroutine syssubs::openbinfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(in) *RecLen,* logical, intent(out) *Error*)

Definition at line 42212 of file tempassembled.f90.

3.39.2.47 subroutine syssubs::openbinfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(in) *RecLen,* logical, intent(out) *Error*)

Definition at line 602 of file tempassembled.f90.

Here is the caller graph for this function:



3.39.2.48 subroutine syssubs::openbinfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(in) *RecLen,* logical, intent(out) *Error*)

Definition at line 56113 of file tempassembled.f90.

3.39.2.49 subroutine syssubs::openbinfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(in) *RecLen,* logical, intent(out) *Error*)

Definition at line 28342 of file tempassembled.f90.

3.39.2.50 subroutine syssubs::openbinfile (integer, intent(in) *Un,* character(∗), intent(in) *OutFile,* integer, intent(in) *RecLen,* logical, intent(out) *Error*)

Definition at line 14472 of file tempassembled.f90.

3.39.2.51 subroutine syssubs::openbininpfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* logical, intent(out) *Error*)

Definition at line 42249 of file tempassembled.f90.

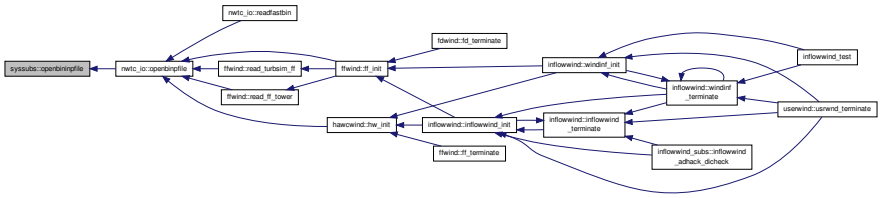
3.39.2.52 subroutine syssubs::openbininpfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* logical, intent(out) *Error*)

Definition at line 56150 of file tempassembled.f90.

3.39.2.53 subroutine syssubs::openbininpfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* logical, intent(out) *Error*)

Definition at line 639 of file tempassembled.f90.

Here is the caller graph for this function:



3.39.2.54 subroutine syssubs::openbininpfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* logical, intent(out) *Error*)

Definition at line 28379 of file tempassembled.f90.

3.39.2.55 subroutine syssubs::openbininpfile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* logical, intent(out) *Error*)

Definition at line 14509 of file tempassembled.f90.

3.39.2.56 subroutine syssubs::opencon ( )

Definition at line 42291 of file tempassembled.f90.

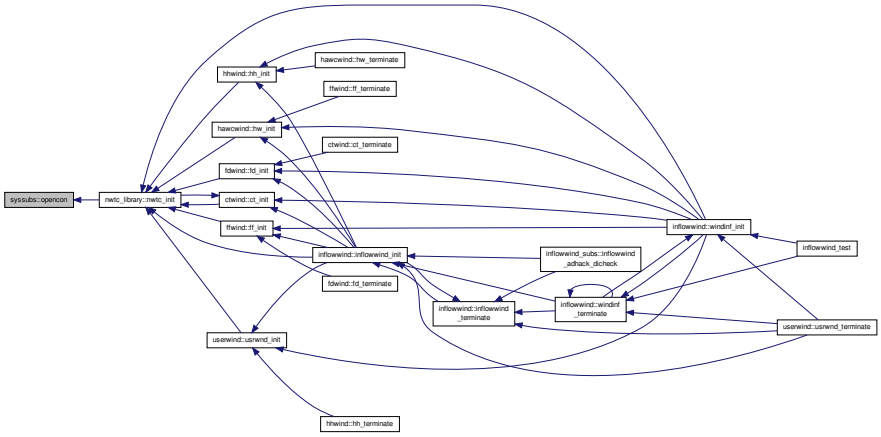
Here is the call graph for this function:

3.39.2.57 subroutine syssubs::opencon ( )

Definition at line 681 of file tempassembled.f90.

Here is the call graph for this function:

Here is the caller graph for this function:



3.39.2.58 subroutine syssubs::opencon ( )

Definition at line 28421 of file tempassembled.f90.

Here is the call graph for this function:

3.39.2.59 subroutine syssubs::opencon ( )

Definition at line 56192 of file tempassembled.f90.

Here is the call graph for this function:

3.39.2.60 subroutine syssubs::opencon ( )

Definition at line 14551 of file tempassembled.f90.

Here is the call graph for this function:

3.39.2.61 subroutine syssubs::openunfinpbefile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(in) *RecLen,* logical, intent(out) *Error*)

Definition at line 28436 of file tempassembled.f90.

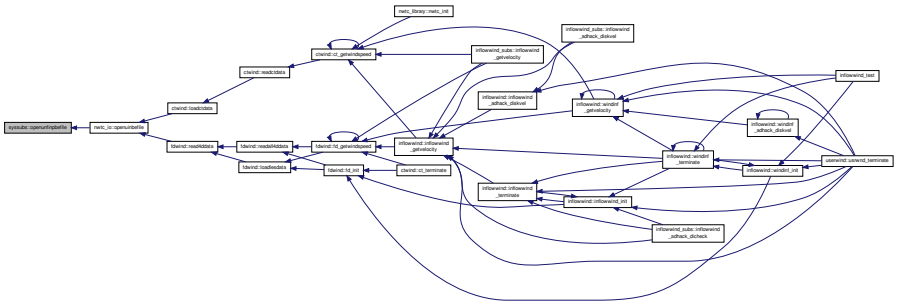
3.39.2.62 subroutine syssubs::openunfinpbefile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(in) *RecLen,* logical, intent(out) *Error*)

Definition at line 56207 of file tempassembled.f90.

3.39.2.63 subroutine syssubs::openunfinpbefile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(in) *RecLen,* logical, intent(out) *Error*)

Definition at line 696 of file tempassembled.f90.

Here is the caller graph for this function:



3.39.2.64 subroutine syssubs::openunfinpbefile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(in) *RecLen,* logical, intent(out) *Error*)

Definition at line 14566 of file tempassembled.f90.

3.39.2.65 subroutine syssubs::openunfinpbefile (integer, intent(in) *Un,* character(∗), intent(in) *InFile,* integer, intent(in) *RecLen,* logical, intent(out) *Error*)

Definition at line 42306 of file tempassembled.f90.

3.39.2.66 subroutine syssubs::progexit (integer, intent(in) *StatCode*)

Definition at line 14614 of file tempassembled.f90.

3.39.2.67 subroutine syssubs::progexit (integer, intent(in) *StatCode*)

Definition at line 42354 of file tempassembled.f90.

3.39.2.68 subroutine syssubs::progexit (integer, intent(in) *StatCode*)

Definition at line 56255 of file tempassembled.f90.

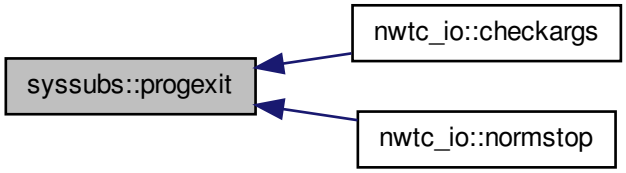
3.39.2.69 subroutine syssubs::progexit (integer, intent(in) *StatCode*)

Definition at line 28484 of file tempassembled.f90.

3.39.2.70 subroutine syssubs::progexit (integer, intent(in) *StatCode*)

Definition at line 744 of file tempassembled.f90.

Here is the caller graph for this function:



3.39.2.71 subroutine syssubs::usralarm ( )

Definition at line 28513 of file tempassembled.f90.

Here is the call graph for this function:

3.39.2.72 subroutine syssubs::usralarm ( )

Definition at line 42383 of file tempassembled.f90.

Here is the call graph for this function:

3.39.2.73 subroutine syssubs::usralarm ( )

Definition at line 773 of file tempassembled.f90.

Here is the call graph for this function:

Here is the caller graph for this function:

3.39.2.74 subroutine syssubs::usralarm ( )

Definition at line 14643 of file tempassembled.f90.

Here is the call graph for this function:

3.39.2.75 subroutine syssubs::usralarm ( )

Definition at line 56284 of file tempassembled.f90.

Here is the call graph for this function:

3.39.2.76 subroutine syssubs::wrnr (character(∗), intent(in) *Str*)

Definition at line 28554 of file tempassembled.f90.

3.39.2.77 subroutine syssubs::wrnr (character(∗), intent(in) *Str*)

Definition at line 14684 of file tempassembled.f90.

3.39.2.78 subroutine syssubs::wrnr (character(∗), intent(in) *Str*)

Definition at line 42424 of file tempassembled.f90.

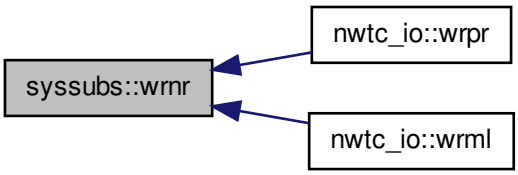
3.39.2.79 subroutine syssubs::wrnr (character(∗), intent(in) *Str*)

Definition at line 56325 of file tempassembled.f90.

3.39.2.80 subroutine syssubs::wrnr (character(∗), intent(in) *Str*)

Definition at line 814 of file tempassembled.f90.

Here is the caller graph for this function:



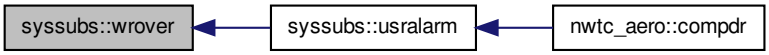
3.39.2.81 subroutine syssubs::wrover (character(∗), intent(in) *Str*)

Definition at line 28572 of file tempassembled.f90.

3.39.2.82 subroutine syssubs::wrover (character(∗), intent(in) *Str*)

Definition at line 832 of file tempassembled.f90.

Here is the caller graph for this function:



3.39.2.83 subroutine syssubs::wrover (character(∗), intent(in) *Str*)

Definition at line 42442 of file tempassembled.f90.

3.39.2.84 subroutine syssubs::wrover (character(∗), intent(in) *Str*)

Definition at line 14702 of file tempassembled.f90.

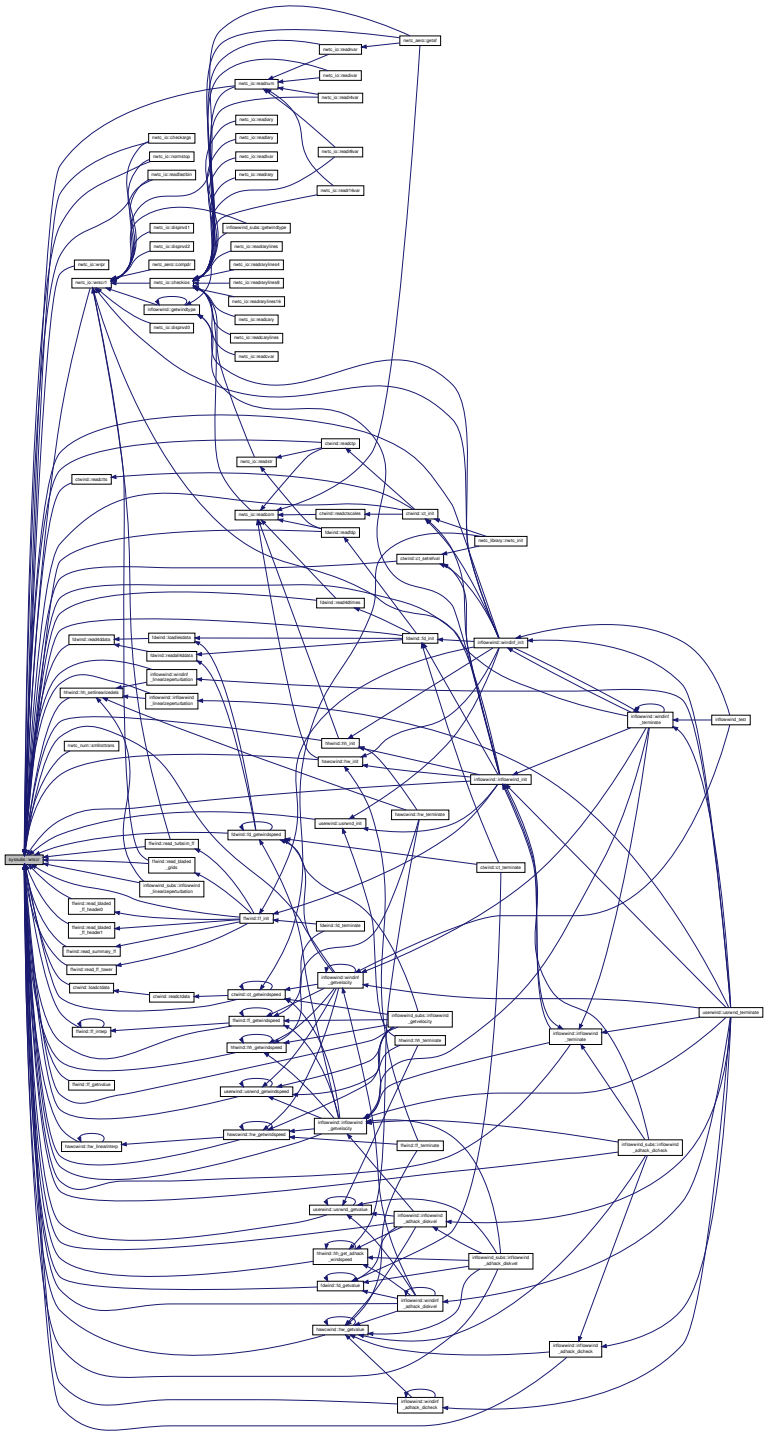
3.39.2.85 subroutine syssubs::wrover (character(∗), intent(in) *Str*)

Definition at line 56343 of file tempassembled.f90.

3.39.2.86 subroutine, dimension() syssubs::wrscr (character(∗), intent(in) *Str*)

Definition at line 850 of file tempassembled.f90.

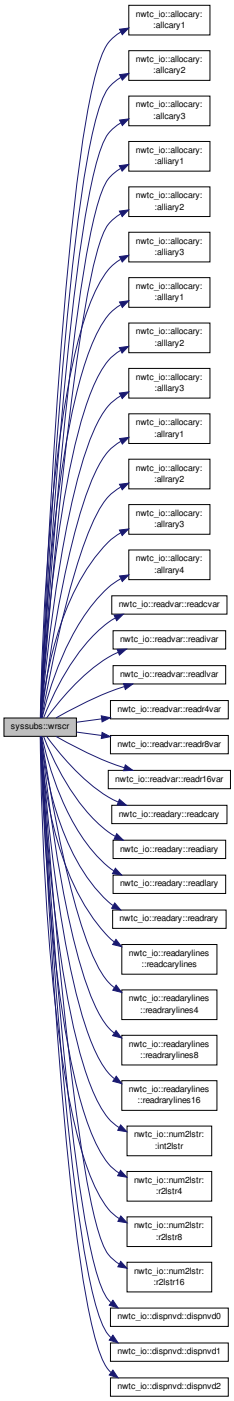
Here is the caller graph for this function:



3.39.2.87 subroutine, dimension() syssubs::wrscr (character(∗), intent(in) *Str*)

Definition at line 56361 of file tempassembled.f90.

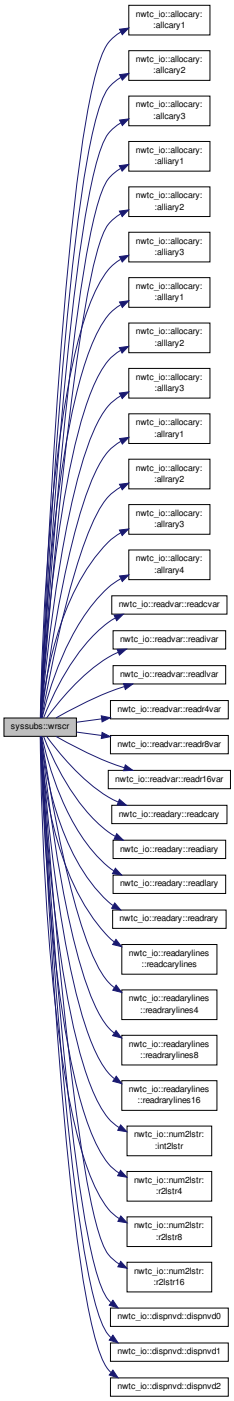
Here is the call graph for this function:



3.39.2.88 subroutine, dimension() syssubs::wrscr (character(∗), intent(in) *Str*)

Definition at line 28590 of file tempassembled.f90.

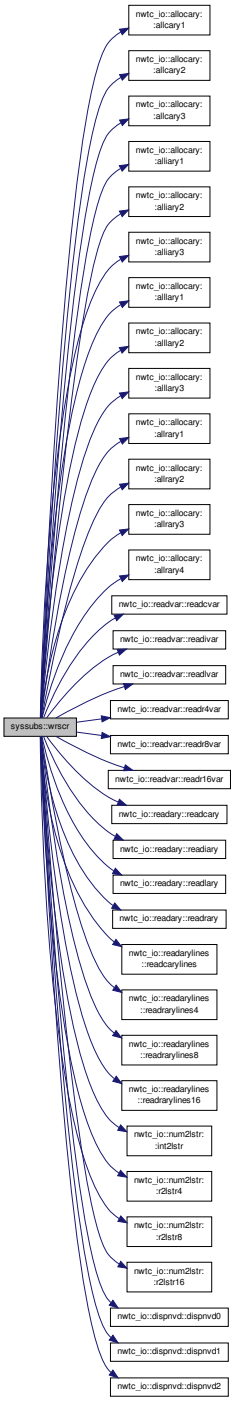
Here is the call graph for this function:



3.39.2.89 subroutine, dimension() syssubs::wrscr (character(∗), intent(in) *Str*)

Definition at line 42460 of file tempassembled.f90.

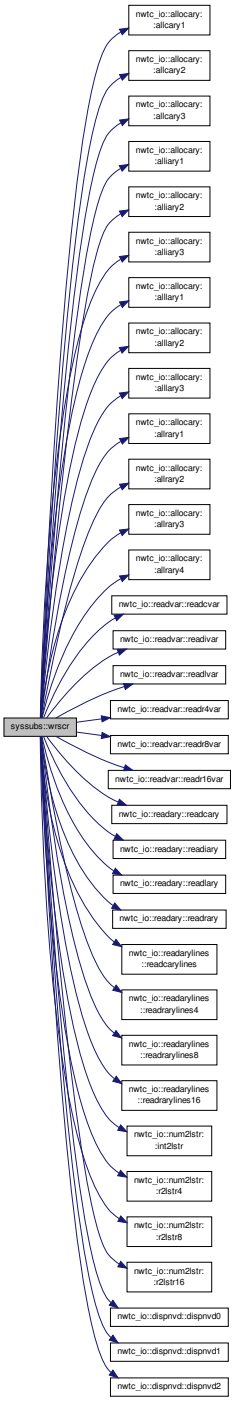
Here is the call graph for this function:



3.39.2.90 subroutine, dimension() syssubs::wrscr (character(∗), intent(in) *Str*)

Definition at line 14720 of file tempassembled.f90.

Here is the call graph for this function:



3.39.3 Member Data Documentation

3.39.3.1 character(1) syssubs::be

Definition at line 242 of file tempassembled.f90.

3.39.3.2 character(1) syssubs::but

Definition at line 242 of file tempassembled.f90.

3.39.3.3 character(1) syssubs::by

Definition at line 242 of file tempassembled.f90.

3.39.3.4 character(1) syssubs::called

Definition at line 242 of file tempassembled.f90.

3.39.3.5 integer syssubs::conrecl = 120

Definition at line 156 of file tempassembled.f90.

3.39.3.6 integer syssubs::cu = 6

Definition at line 157 of file tempassembled.f90.

3.39.3.7 character(10) syssubs::endian = 'BIG_ENDIAN'

Definition at line 160 of file tempassembled.f90.

3.39.3.8 character(1) syssubs::here

Definition at line 242 of file tempassembled.f90.

3.39.3.9 integer syssubs::ic

Definition at line 258 of file tempassembled.f90.

3.39.3.10 character(1) syssubs::is

Definition at line 242 of file tempassembled.f90.

3.39.3.11 character(1) syssubs::it

Definition at line 242 of file tempassembled.f90.

3.39.3.12 integer, intent(in) syssubs::maxlen

Definition at line 250 of file tempassembled.f90.

3.39.3.13 character(1) syssubs::must

Definition at line 242 of file tempassembled.f90.

3.39.3.14 integer syssubs::nl_len = 2

Definition at line 158 of file tempassembled.f90.

3.39.3.15 character(1) syssubs::pathsep = '\' ! The path separater. CHARACTER(1) :: SwChar = '/' ! The switch character for command-line options.!20110512 jm changed from 'BINARY' to 'UNFORMATTED' because 'BINARY' is not!standard and caused problems in OPEN statements in NWTC_iO.f90 that use!this definition CHARACTER(11) :: UnfForm = 'UNFORMATTED' ! The string to specify unformatted I/O files.CONTAINS!== FUNCTION COMMAND_ARGUMENT_COUNT() ! This routine returns the number of argumenta entered on the command line.. ! Note: This routine will be available intrinsically in Fortran 2000. ! Function declaration. INTEGER :: COMMAND_ARGUMENT_COUNT ! This function. The command line. ! Determine the mumber of arguments. Load the program name into the result. COMMAND_ARGUMENT_COUNT = IArgC() RETURN END FUNCTION COMMAND_ARGUMENT_COUNT ! ()!== SUBROUTINE FileSize (FileName, Size) ! This routine calls the routine Stat to obtain the file size ! corresponding to a file name or returns -1 on error. ! mlb: WARNING!!! ! The standard version of the routine uses the file unit instead of file name. ! We need fix the routines that call this one. ! Argument declarations: INTEGER, INTENT(OUT) :: Size CHARACTER(*), INTENT(IN) :: FileName ! Intrinsic declarations: INTEGER(KIND=1) :: Stat ! Local declarations: INTEGER :: StatArray(12) INTEGER :: Status Status = Stat(FileName, StatArray) IF (Status /= 0) THEN Size = -1 ELSE Size = StatArray(8) END IF RETURN END SUBROUTINE FileSize ! (FileName, Size)!== SUBROUTINE FindLine (Str , MaxLen , StrEnd) ! This routine finds one line of text with a maximum length of MaxLen from the Str. ! It tries to break the line at a blank. ! This routine isn't system specific

Definition at line 161 of file tempassembled.f90.

3.39.3.16 character(1) syssubs::so

Definition at line 242 of file tempassembled.f90.

3.39.3.17 character(*), intent(in) syssubs::str

Definition at line 253 of file tempassembled.f90.

3.39.3.18 integer, intent(out) syssubs::strend

Definition at line 251 of file tempassembled.f90.

3.39.3.19 character(1) syssubs::which

Definition at line 242 of file tempassembled.f90.

3.39.3.20 character(1), dimension() syssubs::wrscr

Definition at line 242 of file tempassembled.f90.

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

- tempassembled.f90

3.40 userwind Module Reference

Public Member Functions

- subroutine, public usrwnd_init (ErrStat)
- real(reki) function, public usrwnd_getvalue (VarName, ErrStat)
- type(inflintrpout) function, public usrwnd_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public usrwnd_terminate (ErrStat)
- subroutine, public usrwnd_init (ErrStat)

- real(reki) function, public usrwnd_getvalue (VarName, ErrStat)
- type(inflintrpout) function, public usrwnd_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public usrwnd_terminate (ErrStat)
- subroutine, public usrwnd_init (ErrStat)
- real(reki) function, public usrwnd_getvalue (VarName, ErrStat)
- type(inflintrpout) function, public usrwnd_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public usrwnd_terminate (ErrStat)
- subroutine, public usrwnd_init (ErrStat)
- real(reki) function, public usrwnd_getvalue (VarName, ErrStat)
- type(inflintrpout) function, public usrwnd_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public usrwnd_terminate (ErrStat)
- subroutine, public usrwnd_init (ErrStat)
- real(reki) function, public usrwnd_getvalue (VarName, ErrStat)
- type(inflintrpout) function, public usrwnd_getwindspeed (Time, InputPosition, ErrStat)
- subroutine, public usrwnd_terminate (ErrStat)

Private Attributes

- logical, save initialized = .FALSE.
- real(reki) uwmeanu
- real(reki) uwmeanv
- real(reki) uwmeanw

3.40.1 Detailed Description

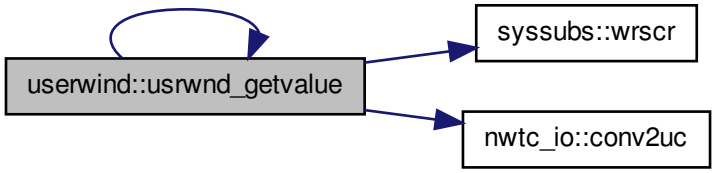
Definition at line 12812 of file tempassembled.f90.

3.40.2 Member Function/Subroutine Documentation

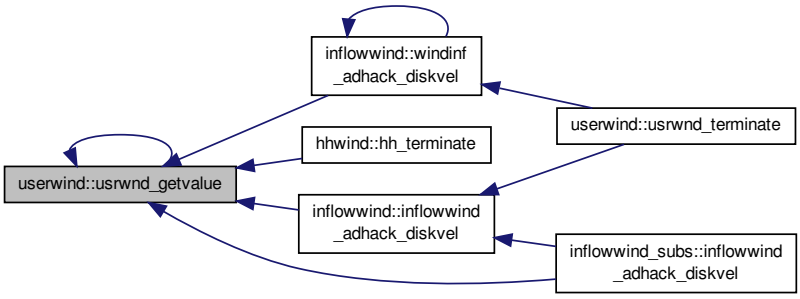
3.40.2.1 real(reki) function, public userwind::usrwnd_getvalue (character(∗), intent(in) *VarName,* integer, intent(out) *ErrStat*)

Definition at line 12885 of file tempassembled.f90.

Here is the call graph for this function:



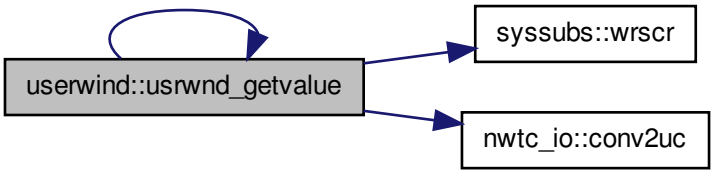
Here is the caller graph for this function:



3.40.2.2 real(reki) function, public userwind::usrwnd_getvalue (character(∗), intent(in) *VarName,* integer, intent(out) *ErrStat*)

Definition at line 40625 of file tempassembled.f90.

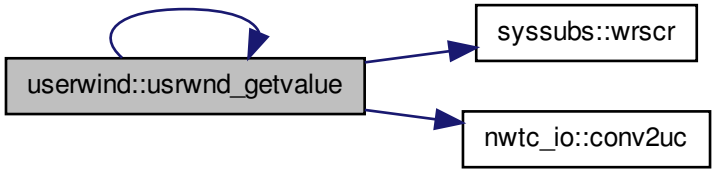
Here is the call graph for this function:



3.40.2.3 real(reki) function, public userwind::usrwnd_getvalue (character(∗), intent(in) *VarName,* integer, intent(out) *ErrStat*)

Definition at line 68414 of file tempassembled.f90.

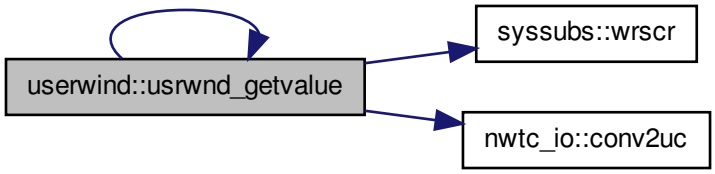
Here is the call graph for this function:



3.40.2.4 real(reki) function, public userwind::usrwnd_getvalue (character(∗), intent(in) *VarName,* integer, intent(out) *ErrStat*)

Definition at line 26755 of file tempassembled.f90.

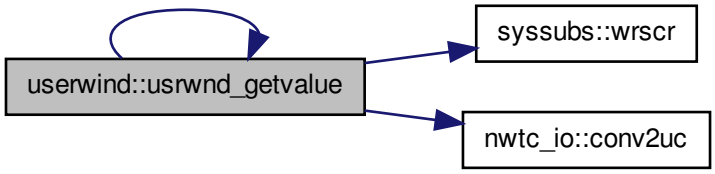
Here is the call graph for this function:



3.40.2.5 real(reki) function, public userwind::usrwnd_getvalue (character(∗), intent(in) *VarName,* integer, intent(out) *ErrStat*)

Definition at line 54507 of file tempassembled.f90.

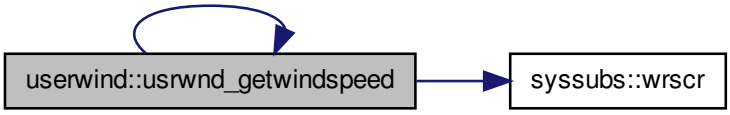
Here is the call graph for this function:



3.40.2.6 type(inflintrpout) function, public userwind::usrwnd_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 68468 of file tempassembled.f90.

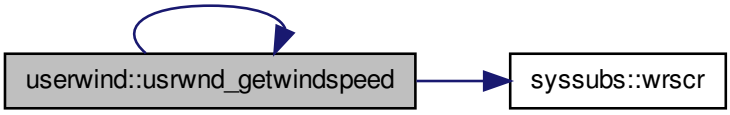
Here is the call graph for this function:



3.40.2.7 type(inflintrpout) function, public userwind::usrwnd_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 54561 of file tempassembled.f90.

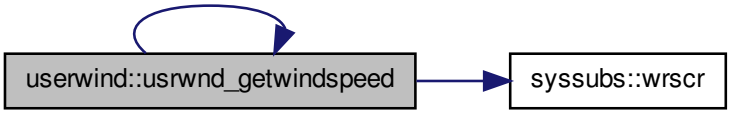
Here is the call graph for this function:



3.40.2.8 type(inflintrpout) function, public userwind::usrwnd_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 40679 of file tempassembled.f90.

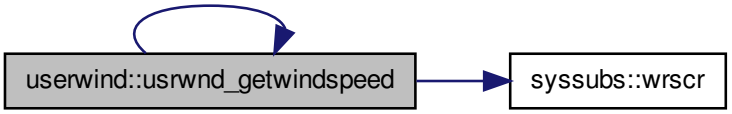
Here is the call graph for this function:



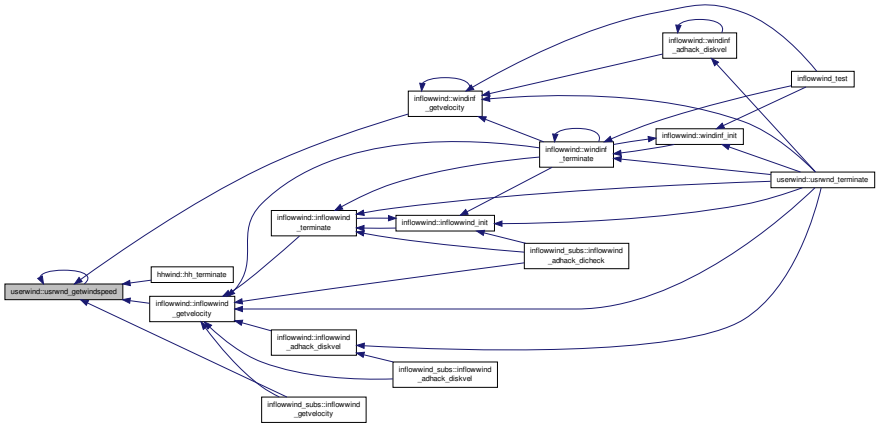
3.40.2.9 type(inflintrpout) function, public userwind::usrwnd_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 12939 of file tempassembled.f90.

Here is the call graph for this function:



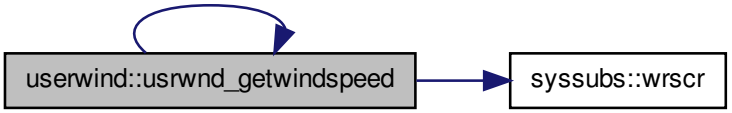
Here is the caller graph for this function:



3.40.2.10 type(inflintrpout) function, public userwind::usrwnd_getwindspeed (real(reki), intent(in) *Time,* real(reki), dimension(3), intent(in) *InputPosition,* integer, intent(out) *ErrStat*)

Definition at line 26809 of file tempassembled.f90.

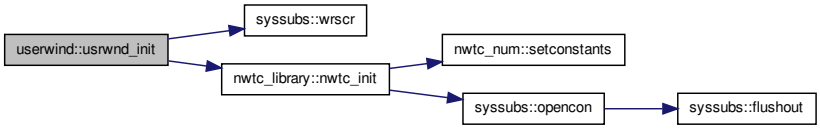
Here is the call graph for this function:



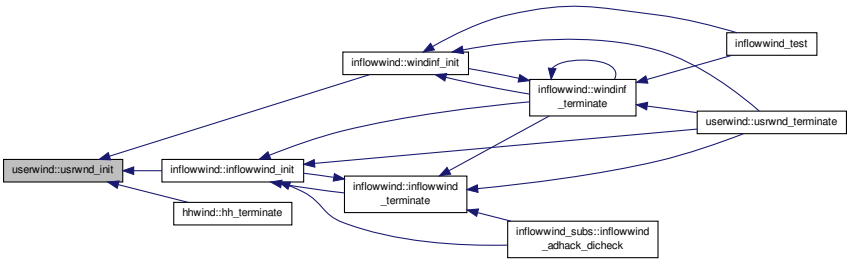
3.40.2.11 subroutine, public userwind::usrwnd_init (integer, intent(out) *ErrStat*)

Definition at line 12841 of file tempassembled.f90.

Here is the call graph for this function:



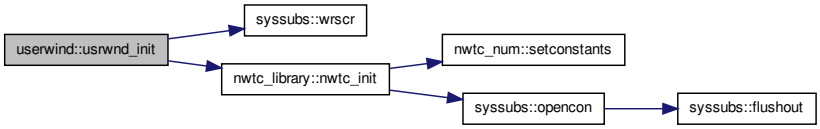
Here is the caller graph for this function:



3.40.2.12 subroutine, public userwind::usrwnd_init (integer, intent(out) *ErrStat*)

Definition at line 68370 of file tempassembled.f90.

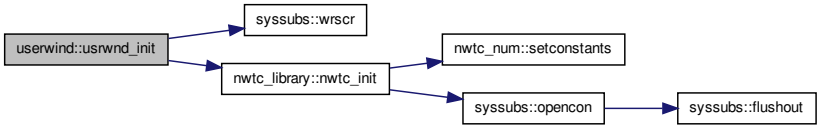
Here is the call graph for this function:



3.40.2.13 subroutine, public userwind::usrwnd_init (integer, intent(out) *ErrStat*)

Definition at line 40581 of file tempassembled.f90.

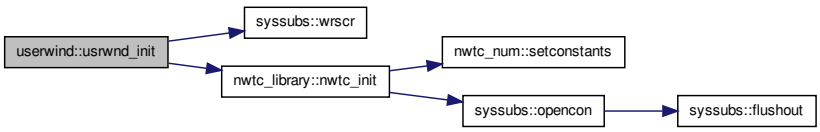
Here is the call graph for this function:



3.40.2.14 subroutine, public userwind::usrwnd_init (integer, intent(out) *ErrStat*)

Definition at line 26711 of file tempassembled.f90.

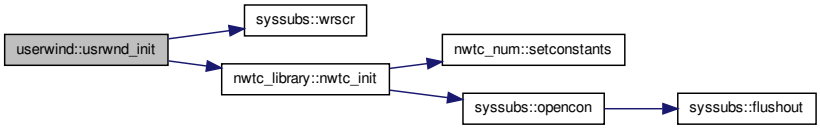
Here is the call graph for this function:



3.40.2.15 subroutine, public userwind::usrwnd_init (integer, intent(out) *ErrStat*)

Definition at line 54463 of file tempassembled.f90.

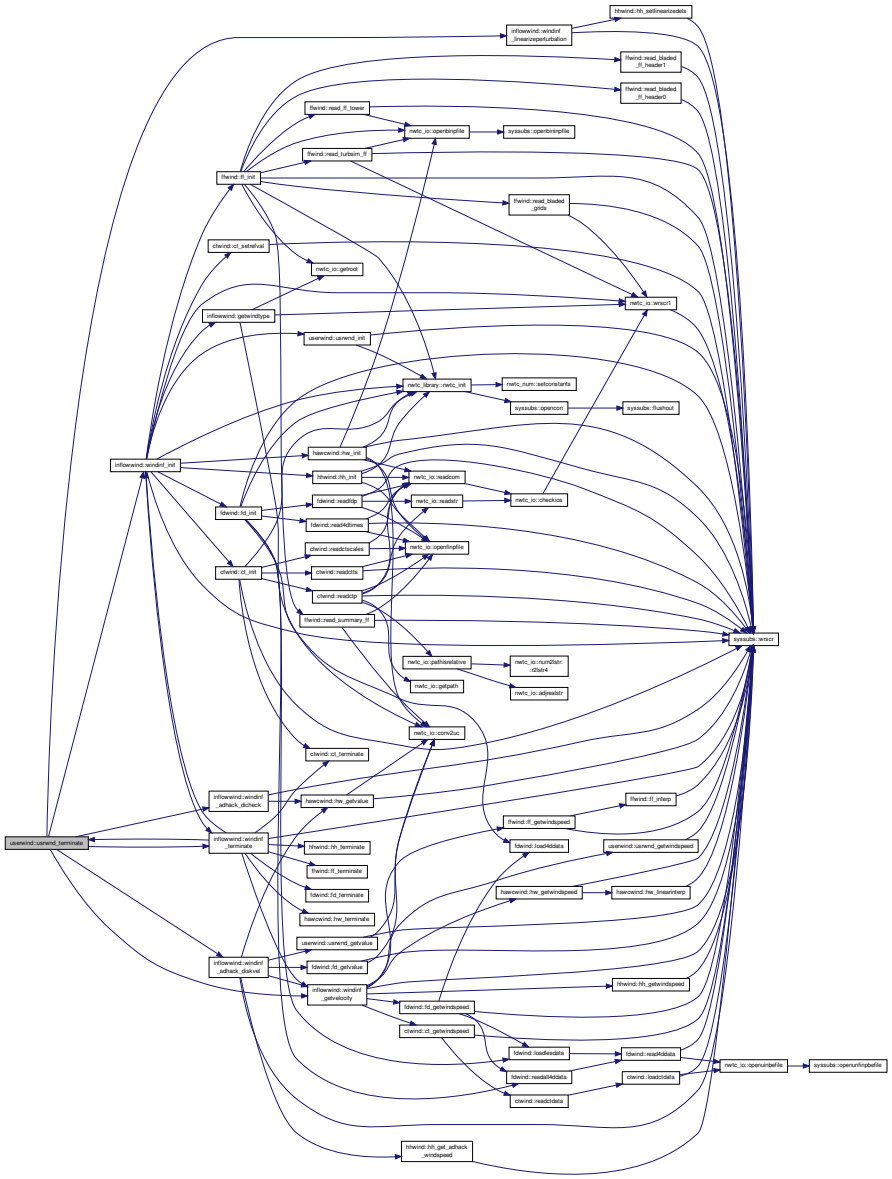
Here is the call graph for this function:



3.40.2.16 subroutine, public userwind::usrwnd_terminate (integer, intent(out) *ErrStat*)

Definition at line 40720 of file tempassembled.f90.

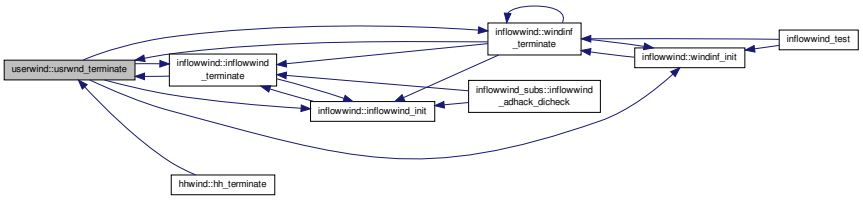
Here is the call graph for this function:



3.40.2.17 subroutine, public userwind::usrwnd_terminate (integer, intent(out) *ErrStat*)

Definition at line 12980 of file tempassembled.f90.

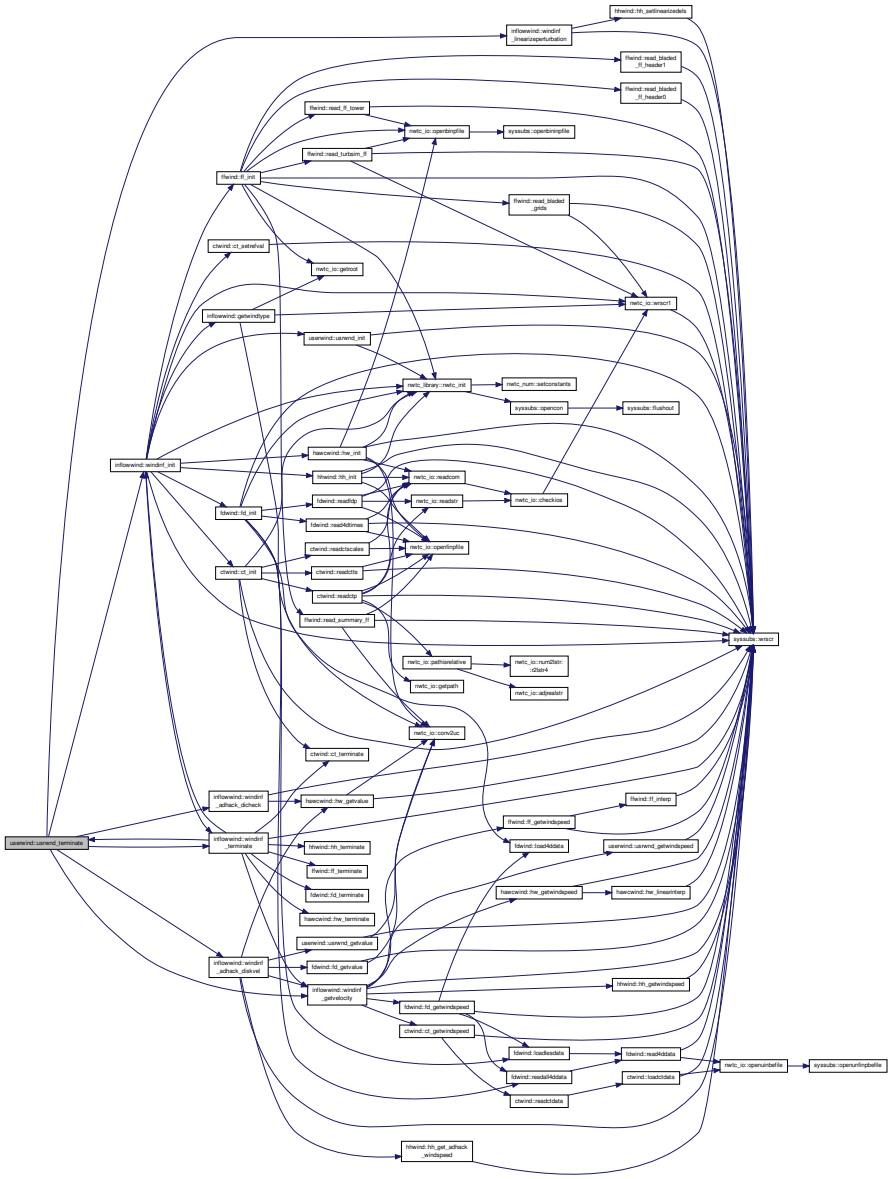
Here is the caller graph for this function:



3.40.2.18 subroutine, public userwind::usrwnd_terminate (integer, intent(out) *ErrStat*)

Definition at line 54602 of file tempassembled.f90.

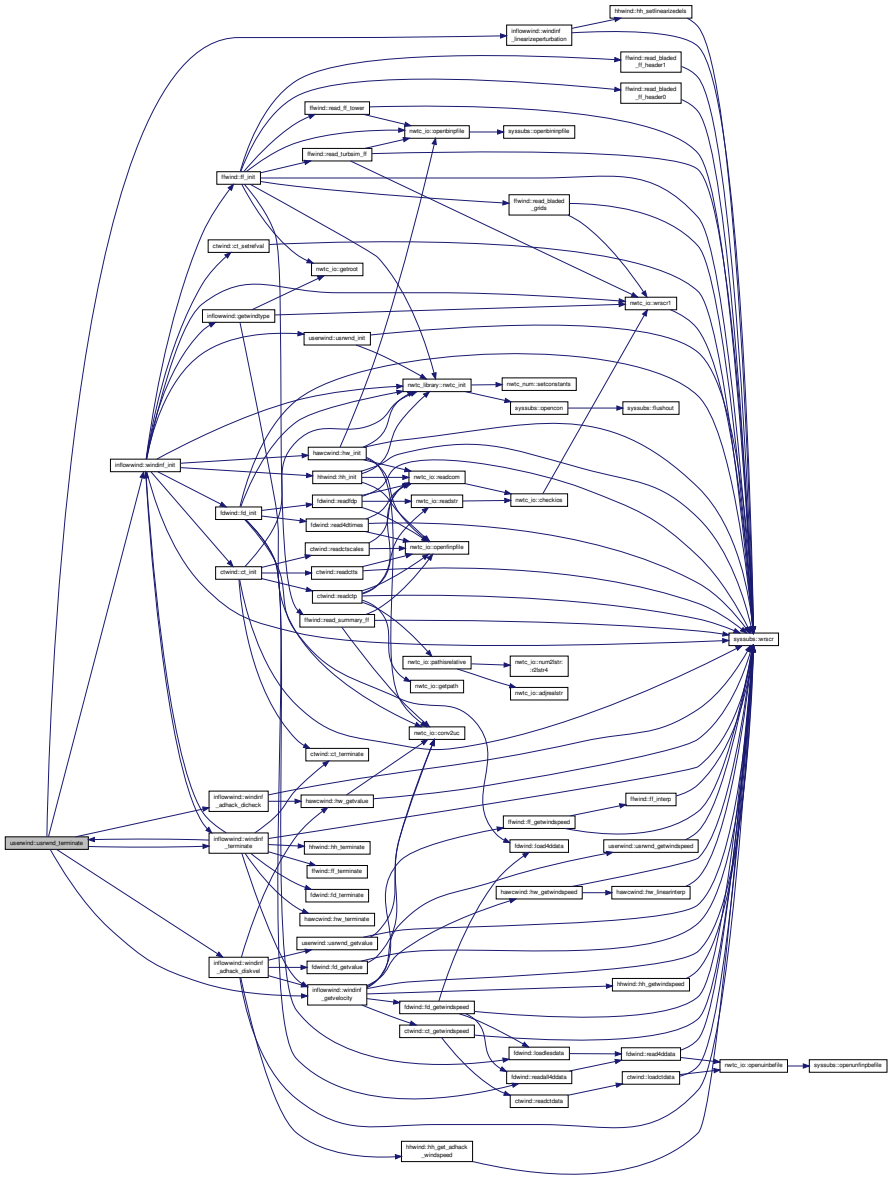
Here is the call graph for this function:



3.40.2.19 subroutine, public userwind::usrwnd_terminate (integer, intent(out) *ErrStat*)

Definition at line 26850 of file tempassembled.f90.

Here is the call graph for this function:



3.40.2.20 subroutine, public userwind::usrwnd_terminate (integer, intent(out) *ErrStat*)

Definition at line 68509 of file tempassembled.f90.

3.40.3 Member Data Documentation

3.40.3.1 logical save userwind::initialized = .FALSE. [private]

Definition at line 12825 of file tempassembled.f90.

3.40.3.2 real(reki) userwind::uwmeanu [private]

Definition at line 12827 of file tempassembled.f90.

3.40.3.3 real(reki) userwind::uwmeanv [private]

Definition at line 12828 of file tempassembled.f90.

3.40.3.4 real(reki) userwind::uwmeanw [private]

Definition at line 12829 of file tempassembled.f90.

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

- tempassembled.f90

4 File Documentation

4.1 tempassembled.f90 File Reference

Data Types

- module precision
- module syssubs
- module nwtc_io
- type nwtc_io::progdesc
- type nwtc_io::fastdatatype
- interface nwtc_io::allocary
- interface nwtc_io::readvar
- interface nwtc_io::readary
- interface nwtc_io::readarylines
- interface nwtc_io::num2lstr
- interface nwtc_io::dispnvd
- module nwtc_num
- interface nwtc_num::equalrealnos
- interface nwtc_num::interpbin
- interface nwtc_num::interpstp
- module modmesh
- type modmesh::meshtype
- module nwtc_aero
- type nwtc_aero::aerodata
- type nwtc_aero::aerotable
- type nwtc_aero::alfindx
- type nwtc_aero::elmtable
- module nwtc_library
- module sharedinflowdefns
- type sharedinflowdefns::inflintrpout
- module ctwind
- type ctwind::ctwindfiles
- type ctwind::ct_backgr
- module fdwind

- module ffwind
- interface ffwind::ff_getvalue
- module hawcwind
- module hhwind
- type hhwind::hh_info
- module userwind
- module inflowwind
- type inflowwind::inflinitinfo
- module precision
- module syssubs
- module nwtc_io
- type nwtc_io::progdesc
- type nwtc_io::fastdatatype
- interface nwtc_io::allocary
- interface nwtc_io::readvar
- interface nwtc_io::readary
- interface nwtc_io::readarylines
- interface nwtc_io::num2lstr
- interface nwtc_io::dispnvd
- module nwtc_num
- interface nwtc_num::equalrealnos
- interface nwtc_num::interpbin
- interface nwtc_num::interpstp
- module modmesh
- type modmesh::meshtype
- module nwtc_aero
- type nwtc_aero::aerodata
- type nwtc_aero::aerotable
- type nwtc_aero::alfindx
- type nwtc_aero::elmtable
- module nwtc_library
- module sharedinflowdefns
- type sharedinflowdefns::inflintrpout
- module ctwind
- type ctwind::ctwindfiles
- type ctwind::ct_backgr
- module fdwind
- module ffwind
- interface ffwind::ff_getvalue
- module hawcwind
- module hhwind
- type hhwind::hh_info
- module userwind
- module inflowwind
- type inflowwind::inflinitinfo
- module precision
- module syssubs
- module nwtc_io
- type nwtc_io::progdesc
- type nwtc_io::fastdatatype
- interface nwtc_io::allocary

- interface nwtc_io::readvar
- interface nwtc_io::readary
- interface nwtc_io::readarylines
- interface nwtc_io::num2lstr
- interface nwtc_io::dispnvd
- module nwtc_num
- interface nwtc_num::equalrealnos
- interface nwtc_num::interpbin
- interface nwtc_num::interpstp
- module modmesh
- type modmesh::meshtype
- module nwtc_aero
- type nwtc_aero::aerodata
- type nwtc_aero::aerotable
- type nwtc_aero::alfindx
- type nwtc_aero::elmtable
- module nwtc_library
- module sharedinflowdefns
- type sharedinflowdefns::inflintrpout
- module ctwind
- type ctwind::ctwindfiles
- type ctwind::ct_backgr
- module fdwind
- module ffwind
- interface ffwind::ff_getvalue
- module hawcwind
- module hhwind
- type hhwind::hh_info
- module userwind
- module inflowwind
- type inflowwind::inflinitinfo
- module precision
- module syssubs
- module nwtc_io
- type nwtc_io::progdesc
- type nwtc_io::fastdatatype
- interface nwtc_io::allocary
- interface nwtc_io::readvar
- interface nwtc_io::readary
- interface nwtc_io::readarylines
- interface nwtc_io::num2lstr
- interface nwtc_io::dispnvd
- module nwtc_num
- interface nwtc_num::equalrealnos
- interface nwtc_num::interpbin
- interface nwtc_num::interpstp
- module modmesh
- type modmesh::meshtype
- module nwtc_aero
- type nwtc_aero::aerodata
- type nwtc_aero::aerotable

- type nwtc_aero::alfindx
- type nwtc_aero::elmtable
- module nwtc_library
- module sharedinflowdefns
- type sharedinflowdefns::inflintrpout
- module ctwind
- type ctwind::ctwindfiles
- type ctwind::ct_backgr
- module fdwind
- module ffwind
- interface ffwind::ff_getvalue
- module hawcwind
- module hhwind
- type hhwind::hh_info
- module userwind
- module inflowwind
- type inflowwind::inflinitinfo
- module precision
- module syssubs
- module nwtc_io
- type nwtc_io::progdesc
- type nwtc_io::fastdatatype
- interface nwtc_io::allocary
- interface nwtc_io::readvar
- interface nwtc_io::readary
- interface nwtc_io::readarylines
- interface nwtc_io::num2lstr
- interface nwtc_io::dispnvd
- module nwtc_num
- interface nwtc_num::equalrealnos
- interface nwtc_num::interpbin
- interface nwtc_num::interpstp
- module modmesh
- type modmesh::meshtype
- module nwtc_aero
- type nwtc_aero::aerodata
- type nwtc_aero::aerotable
- type nwtc_aero::alfindx
- type nwtc_aero::elmtable
- module nwtc_library
- module sharedinflowdefs
- type sharedinflowdefs::inflintrpout
- module ctwind
- type ctwind::ctwindfiles
- type ctwind::ct_backgr
- module fdwind
- module ffwind
- interface ffwind::ff_getvalue
- module hawcwind
- module hhwind
- type hhwind::hh_info

- module userwind
- module inflowwind_subs
- module inflowwind
- type inflowwind::inflinitinfo

Functions/Subroutines

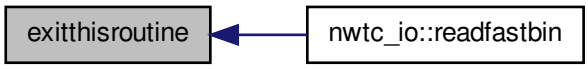
- program inflowwind_test
- subroutine exitthisroutine (ErrID, Msg)

4.1.1 Function/Subroutine Documentation

4.1.1.1 subroutine exitthisroutine (integer(intki), intent(in) *ErrID,* character(∗), intent(in) *Msg*)

Definition at line 3460 of file tempassembled.f90.

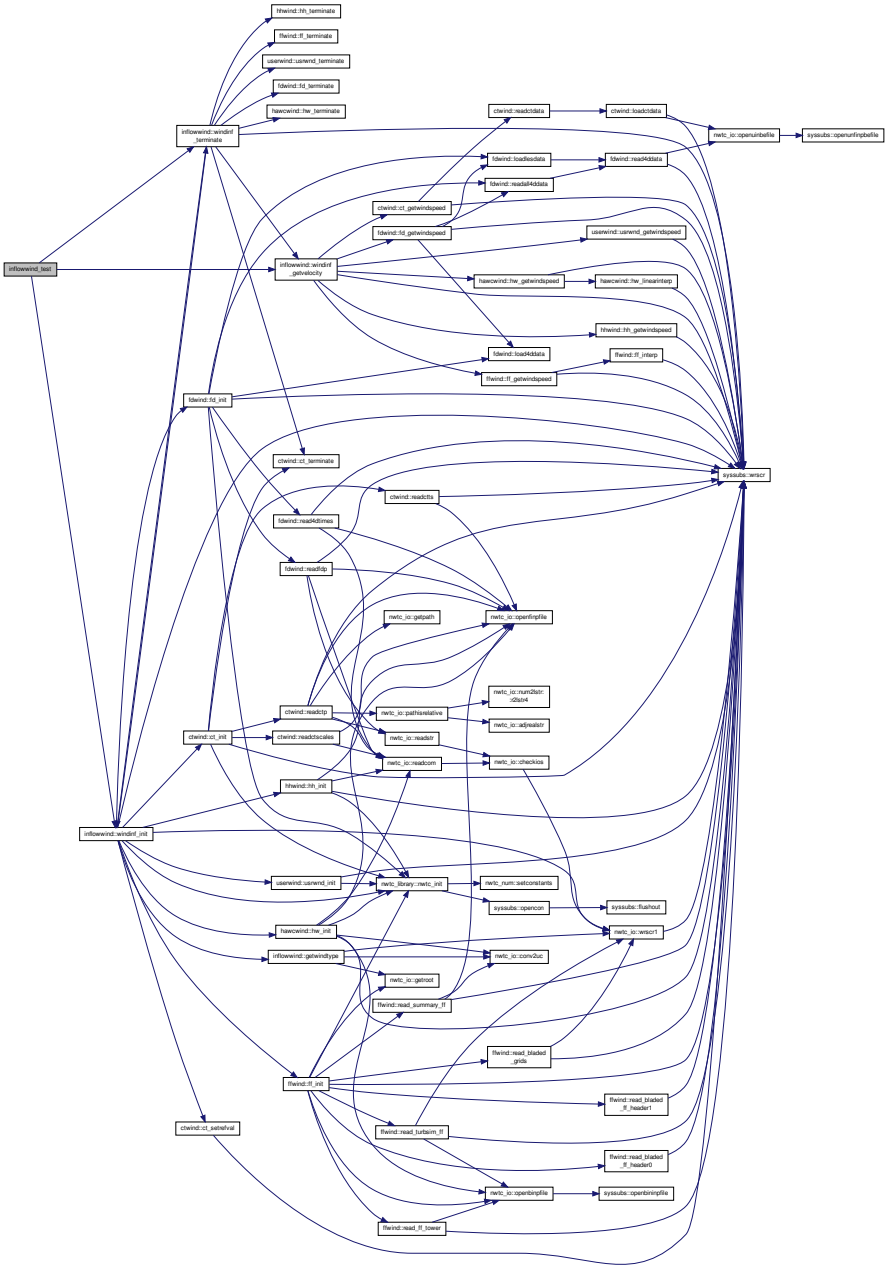
Here is the caller graph for this function:



4.1.1.2 program inflowwind_test ( )

Definition at line 7 of file tempassembled.f90.

Here is the call graph for this function:



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