## NAME

Tc − critical temperature

## LIBRARY

iapws library (*libiapws*, *−liapws*)

## SYNOPSIS

Fortran **real(dp), parameter ::***Tc_H2O*

**real(dp), parameter ::***Tc_D2O*

C **const double** *iapws_r283_Tc_H2O;*

**const double** *iapws_r283_Tc_D2O;*

Python **float:***Tc_H2O*

**float:***Tc_D2O*

## DESCRIPTION

Critical temperature constants for water, .**Tc_H2O**, and heavy water, *Tc_D2O*, used for computing the water properties.

## EXAMPLES

Fortran

```
use iapws
real(dp) :: T = Tc_H2O
real(dp) :: T = Tc_D2O
```

C

```
#include "iapws.h"
double T;
T = iapws_r283_Tc_H2O;
T = iapws_r283_Tc_D2O;
```

Python:

```
import pyiapws
T = Tc_H2O
T = Tc_D2O
```

## SEE ALSO

**iapws**(1) **iapws_lib**(3) **iapws_psat**(3) **iapws_Tsat**(3) **iapws_kh**(3) **iapws_kd**(3) **iapws_kw**(3) **iapws_Tc**(3) **iapws_pc**(3) **ciaaw**(3), **codata**(3),