

```
# ##### EXAMPLE CONTINUUM TAG CONTROL FILE #####
#-----
# define the arts continuum tags of arts
tgsDefine{
  [
    "H20-SelfContStandardType",
    "H20-ForeignContStandardType",
    "H20-ContMPM93",
    "O2-SelfContStandardType",
    "N2-SelfContStandardType",
    "N2-SelfContMPM93",
    "CO2-SelfContPWR93",
    "CO2-ForeignContPWR93"
  ]
}
#-----
# initialize the continua tag structures
cont_descriptionInit{}
#-----
# define the continua tags with the appropriate input
# ----- H2O continuum
#
# Rosenkranz-type H2O-H2O continuum:
cont_descriptionAppend{
  tagname      = "H20-SelfContStandardType"
  model        = "Rosenkranz"
  userparameters = [ ]
}
#
# Rosenkranz-type H2O-dry air continuum:
cont_descriptionAppend{
  tagname      = "H20-ForeignContStandardType"
  model        = "Rosenkranz"
  userparameters = [ ]
}
#
# MPM93-type H2O-air continuum:
cont_descriptionAppend{
  tagname      = "H20-ContMPM93"
  model        = "MPM93"
  userparameters = [ ]
}
#
# ----- O2 continuum
#
# Standard O2-air continuum:
cont_descriptionAppend{
  tagname      = "O2-SelfContStandardType"
  model        = "Rosenkranz"
  userparameters = [ ]
}
#
# ----- N2 continuum
#
# Rosenkranz N2-N2 continuum (only N2-N2 broadening):
cont_descriptionAppend{
  tagname      = "N2-SelfContStandardType"
  model        = "Rosenkranz"
  userparameters = [ ]
}
#
# MPM93 N2-N2 continuum (only N2-N2 broadening):
cont_descriptionAppend{
  tagname      = "N2-SelfContMPM93"
  model        = "MPM93"
  userparameters = [ ]
}
#
```

continuum tag selection for calculation.

initialize the continua tag description structure in arts. This is essential for the later use of the method cont\_descriptionAppend.

description of every continuum tag also mentioned in the tagDefine method above. Each description has three input variables:

- \* tag name
- \* model to select a referenced model or the user model
- \* user given input parameters (only valid for model "user")

Only in the case where the model "user" is selected, the user given input parameters are considered. All other models neglect these input parameters.