**Smart Inits Using Multiple Models**[**¶**](https://collaborate.nws.noaa.gov/trac/ncladt/wiki/MultipleModelSmartInits#SmartInitsUsingMultipleModels)

Smart inits are capable of using more than one model when calculating a database. The below code example (from the NAM40 init) show the differences in using multiple models in AWIPS-2 versus AWIPS-1

**AWIPS-2**[**¶**](https://collaborate.nws.noaa.gov/trac/ncladt/wiki/MultipleModelSmartInits#AWIPS-2)

class NAM40Forecaster(Forecaster):

def \_\_init\_\_(self):

Forecaster.\_\_init\_\_(self, "NAM40", "NAM40")

# this model is found in two different files, just to be interesting

self.addSources(["NAM20"])

**AWIPS-1**[**¶**](https://collaborate.nws.noaa.gov/trac/ncladt/wiki/MultipleModelSmartInits#AWIPS-1)

##--------------------------------------------------------------------------

class NAM40Forecaster(Forecaster):

def \_\_init\_\_(self):

Forecaster.\_\_init\_\_(self, None, "dummy")

# this model is found in two different files, just to be interesting

me1, newdb = self.\_getLatest(self.\_client, "NAM40", "NAM40")

me2, newdb = self.\_getLatest(self.\_client, "NAM20", "NAM40")

if me1 is None or me2 is None or me1.modelTime != me2.modelTime:

self.\_srcme = None

else:

self.\_srcme = MDB([me1, me2])

self.\_newme = newdb

##--------------------------------------------------------------------------

## Internal function that returns the source database

##--------------------------------------------------------------------------

def srcdb(self):

return self.\_srcme

##--------------------------------------------------------------------------

## Internal function that returns the new database

##--------------------------------------------------------------------------

def newdb(self):