October 23, 2013 debug.nw 1

```
Print debugging messages
   Different type of messages are printed in different colors.
\langle debug.py \rangle \equiv
 HEADER = '\033[95m']
 OKBLUE = '\033[94m']
 OKGREEN = '\033[92m'
 WARNING = '\033[93m'
 ERR = '\033[91m']
 ENDC = '\033[Om'
 RED = ERR
 WARN = WARNING
 INFO = OKGREEN
 TODO = OKBLUE
 DEBUG = HEADER
 prefix = dict(
      ERR = ERR
      , WARN = WARN
      , FATAL = ERR
      , INFO = INFO
      , TODO = TODO
      , NOTE = HEADER
      , DEBUG = DEBUG
      )
 def colored(msg, label) :
      Return a colored string. Formatting is optional.
      {\tt global\ prefix}
      if label in prefix :
          color = prefix[label]
      else :
          color = ""
      return "[{0}] {1} {2}".format(label, color+msg, ENDC)
 def printDebug(label, msg):
      print(colored(msg, label))
```