printme

April 18, 2023

This file is part of CasADi.

[6]: f = Function("f", [a,b],[d])

CasADi -- A symbolic framework for dynamic optimization.

Copyright (C) 2010-2023 Joel Andersson, Joris Gillis, Moritz Diehl,

KU Leuven. All rights reserved.

Copyright (C) 2011-2014 Greg Horn

CasADi is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 3 of the License, or (at your option) any later version.

CasADi is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with CasADi; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

```
[1]: from casadi import *
[2]: a = SX.sym("a")
    b = SX.sym("b")

[3]: c = a+b
    c = c.printme(13)

[4]: d = c**2
[5]: print(d)
    sq(printme((a+b),13))
```

When the graph is evaluated, a printout of c will occur (if you have set WITH_PRINTME to ON in CMakeCache.txt) Printout reads '|> 13: 7' 13 is an identifier of choice, 7 is the numerical value

[11]: J(2,9)

[11]: DM(2)