

ANN[optimization] Connect your solver(s) to OpenOpt!

Source: <http://sci.tech-archive.net/Archive/sci.math.num-analysis/2008-01/msg00131.html>

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 - *Date:* Tue, 15 Jan 2008 08:44:38 -0800 (PST)
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Hi all,

let me remember you that OpenOpt is free Python-based BSD-licensed alternative to commercial optimization modelling systems like AMPL, GAMS, TOMOPT/TOMNET.

<http://en.wikipedia.org/wiki/OpenOpt>

<http://scipy.org/scipy/scikits/wiki/OpenOpt>

Anyone is welcome to connect his solver(s) in terms of any license(s) (opensource and, moreover, OSI-approved are much more welcome).

Let me also note: information of solver authors, homepage, license, algorithm is stored in output structure, for example

```
r.solverInfo
```

```
{'alg': 'Augmented Lagrangian Multipliers', 'homepage': 'http://www.ime.usp.br/~egbirgin/tango/', 'license': 'GPL', 'authors': 'J. M. Martinez martinezimecc-at-gmail.com, Ernesto G. Birgin egbirgin-at-ime.usp.br, Jan Marcel Paiva Gentil jgmarcel-at-ime.usp.br'}
```

Also, you may be interested in view OpenOpt TODO list (created 2008-Jan-15):

http://scipy.org/scipy/scikits/wiki/OO_TODO#OpenOptTODOlist

See also:

some reasons for users to choose OpenOpt:

<http://scipy.org/scipy/scikits/wiki/whyOpenOpt4user>

some reasons for optimization software owners/developers to connect their software to OpenOpt

<http://scipy.org/scipy/scikits/wiki/whereProfitsForOpenOptConnectedSo...>

Regards,
Dmitrey

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