

Collecting scikits.odes

Using cached <https://files.pythonhosted.org/packages/91/65/ab7ebd1a9a921f96bfb3d4e38db3c203e0f7e0781d73e35139277ea04baa/scikits.odes-2.4.0.tar.gz>

Installing build dependencies ... done

Getting requirements to build wheel ... done

Preparing wheel metadata ... done

Requirement already satisfied: scipy in /Users/najnudel/anaconda2/envs/test/lib/python3.7/site-packages (from scikits.odes) (1.2.1)

Building wheels for collected packages: scikits.odes

Building wheel for scikits.odes (PEP 517) ... error

ERROR: Command errored out with exit status 1:

command: /Users/najnudel/anaconda2/envs/test/bin/python /Users/najnudel/anaconda2/envs/test/lib/python3.7/site-packages/pip/_vendor/pep517/_in_process.py build_wheel /var/folders/sq/21_z0dtj2sgdqtn2h59jgbxw0000gn/T/tmp5e5wtr2

cwd: /private/var/folders/sq/

21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-install-r01oxdhq/scikits.odes

Complete output (935 lines):

running bdist_wheel

running build

running config_cc

unifing config_cc, config, build_clib, build_ext, build commands --compiler options

running config_fc

unifing config_fc, config, build_clib, build_ext, build commands --fcompiler options

running build_src

build_src

building extension "scikits.odes.ddaspk" sources

creating build

creating build/src.macosx-10.7-x86_64-3.7

creating build/src.macosx-10.7-x86_64-3.7/scikits

creating build/src.macosx-10.7-x86_64-3.7/scikits/

odes

f2py options: []

f2py: scikits/odes/ddaspk.pyf

Reading fortran codes...

Reading file 'scikits/odes/ddaspk.pyf' (format:free)

```

Post-processing...
  Block: ddaspk__user__routines
    Block: ddaspk_user_interface
      Block: res
      Block: jac
    Block: ddaspk
      Block: ddaspk
In: scikits/odes/
ddaspk.pyf:ddaspk:unknown_interface:ddaspk
get_useparameters: no module ddaspk__user__routines
info used by ddaspk
Post-processing (stage 2)...
Building modules...
  Constructing call-back function
"cb_res_in_ddaspk__user__routines"
  def res(x,y,yprime): return delta,ires
  Constructing call-back function
"cb_jac_in_ddaspk__user__routines"
  def jac(x,y,yprime,cj): return wm
Building module "ddaspk"...
  Constructing wrapper function "ddaspk"...
warning: callstatement is defined without
callprotoargument
  getarrdims:warning: assumed shape array, using 0
instead of '*'
  getarrdims:warning: assumed shape array, using 0
instead of '*'
      y,yprime,t,idid =
ddaspk(res,jac,y,yprime,t,tout,info,rtol,atol,rwork,i
work,
[res_extra_args,jac_extra_args,overwrite_y,overwrite_
yprime])
  Wrote C/API module "ddaspk" to file "build/
src.macosx-10.7-x86_64-3.7/scikits/odes/
ddaspkmodule.c"
  adding 'build/src.macosx-10.7-x86_64-3.7/build/
src.macosx-10.7-x86_64-3.7/scikits/odes/
fortranobject.c' to sources.
  adding 'build/src.macosx-10.7-x86_64-3.7/build/
src.macosx-10.7-x86_64-3.7/scikits/odes' to
include_dirs.
  creating build/src.macosx-10.7-x86_64-3.7/build
  creating build/src.macosx-10.7-x86_64-3.7/build/
src.macosx-10.7-x86_64-3.7

```

```
creating build/src.macosx-10.7-x86_64-3.7/build/  
src.macosx-10.7-x86_64-3.7/scikits  
creating build/src.macosx-10.7-x86_64-3.7/build/  
src.macosx-10.7-x86_64-3.7/scikits/odes  
copying /private/var/folders/sq/  
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-  
dscevc0c/overlay/lib/python3.7/site-packages/numpy/  
f2py/src/fortranobject.c -> build/src.macosx-10.7-  
x86_64-3.7/build/src.macosx-10.7-x86_64-3.7/scikits/  
odes  
copying /private/var/folders/sq/  
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-  
dscevc0c/overlay/lib/python3.7/site-packages/numpy/  
f2py/src/fortranobject.h -> build/src.macosx-10.7-  
x86_64-3.7/build/src.macosx-10.7-x86_64-3.7/scikits/  
odes  
building extension "scikits.odes.lsodi" sources  
f2py options: []  
f2py: scikits/odes/lsodi.pyf  
Reading fortran codes...  
Reading file 'scikits/odes/  
lsodi.pyf' (format:free)  
Post-processing...  
Block: lsodi__user__routines  
Block: lsodi_user_interface  
Block: res  
Block: adda  
Block: jac  
Block: lsodi  
Block: lsodi  
In: scikits/odes/  
lsodi.pyf:lsodi:unknown_interface:lsodi  
get_useparameters: no module lsodi__user__routines  
info used by lsodi  
Block: intdy  
Post-processing (stage 2)...  
Building modules...  
Constructing call-back function  
"cb_res_in_lsodi__user__routines"  
def res(tn,y,s,ires): return r  
Constructing call-back function  
"cb_adda_in_lsodi__user__routines"  
def adda(t,y,m1,mu,p,[nrowp]): return p  
Constructing call-back function
```

```

"cb_jac_in_lsodi__user__routines"
    def jac(t,y,s,ml,mu,[nrowp]): return p
    Building module "lsodi"...
    Constructing wrapper function "lsodi"...
    getarrdims:warning: assumed shape array, using 0
    instead of '*'
        y,ydoti,t,istate =
lsodi(res,adda,jac,y,ydoti,t,tout,itol,rtol,atol,itas
k,istate,iopt,rwork,iwork,mf,
[res_extra_args,adda_extra_args,jac_extra_args,overwr
ite_y,overwrite_ydoti])
    Constructing wrapper function "intdy"...
    getarrdims:warning: assumed shape array, using 0
    instead of '*'
        dky,iflag = intdy(t,k,yh,nyh)
    Wrote C/API module "lsodi" to file "build/
src.macosx-10.7-x86_64-3.7/scikits/odes/
lsodimodule.c"
    adding 'build/src.macosx-10.7-x86_64-3.7/build/
src.macosx-10.7-x86_64-3.7/scikits/odes/
fortranobject.c' to sources.
    adding 'build/src.macosx-10.7-x86_64-3.7/build/
src.macosx-10.7-x86_64-3.7/scikits/odes' to
include_dirs.
    build_src: building npy-pkg config files
    running build_py
    creating build/lib.macosx-10.7-x86_64-3.7
    creating build/lib.macosx-10.7-x86_64-3.7/scikits
    copying scikits/__init__.py -> build/
lib.macosx-10.7-x86_64-3.7/scikits
    creating build/lib.macosx-10.7-x86_64-3.7/scikits/
odes
    copying scikits/odes/ddaspkint.py -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes
    copying scikits/odes/odeint.py -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes
    copying scikits/odes/__init__.py -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes
    copying scikits/odes/dae.py -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes
    copying scikits/odes/ode.py -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes
    copying scikits/odes/dopri5.py -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes

```

```
    copying scikits/odes/info.py -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes
    copying scikits/odes/lsodiint.py -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes
    creating build/lib.macosx-10.7-x86_64-3.7/scikits/
odes/tests
    copying scikits/odes/tests/test_get_info.py ->
build/lib.macosx-10.7-x86_64-3.7/scikits/odes/tests
    copying scikits/odes/tests/
test_user_return_vals_ida.py -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes/tests
    copying scikits/odes/tests/test_on_funcs_ida.py ->
build/lib.macosx-10.7-x86_64-3.7/scikits/odes/tests
    copying scikits/odes/tests/
test_user_return_vals_cvode.py -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes/tests
    copying scikits/odes/tests/__init__.py -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes/tests
    copying scikits/odes/tests/test_dop.py -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes/tests
    copying scikits/odes/tests/test_odeint.py -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes/tests
    copying scikits/odes/tests/test_on_funcs.py ->
build/lib.macosx-10.7-x86_64-3.7/scikits/odes/tests
    copying scikits/odes/tests/test_dae.py -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes/tests
    creating build/lib.macosx-10.7-x86_64-3.7/scikits/
odes/sundials
    copying scikits/odes/sundials/__init__.py -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes/sundials
    copying scikits/odes/sundials/ida.pxd -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes/sundials
    copying scikits/odes/sundials/common_defs.pxd ->
build/lib.macosx-10.7-x86_64-3.7/scikits/odes/
sundials
    copying scikits/odes/sundials/c_cvode.pxd -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes/sundials
    copying scikits/odes/sundials/c_ida.pxd -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes/sundials
    copying scikits/odes/sundials/c_sundials.pxd ->
build/lib.macosx-10.7-x86_64-3.7/scikits/odes/
sundials
    copying scikits/odes/sundials/c_nvector_serial.pxd
-> build/lib.macosx-10.7-x86_64-3.7/scikits/odes/
```

```
sundials
  copying scikits/odes/sundials/cvode.pxd -> build/
lib.macosx-10.7-x86_64-3.7/scikits/odes/sundials
  copying scikits/odes/sundials/c_sunmatrix.pxd ->
build/lib.macosx-10.7-x86_64-3.7/scikits/odes/
sundials
  copying scikits/odes/sundials/c_sunlinsol.pxd ->
build/lib.macosx-10.7-x86_64-3.7/scikits/odes/
sundials
  running build_ext
  SUNDIALS installation path set to `/usr/local/
sundials-3.1.1/` via $SUNDIALS_INST.
  get_default_fcompiler: matching types: '['gnu95',
'nag', 'absoft', 'ibm', 'intel', 'gnu', 'g95', 'pg']'
  customize Gnu95FCompiler
  Found executable /usr/local/bin/gfortran
  customize Gnu95FCompiler
  customize Gnu95FCompiler using config
  compiling '_configtest.c':
  #include <sundials/sundials_config.h>
```

```
int main(void)
{
#if SUNDIALS_DOUBLE_PRECISION
#else
#error false or undefined macro
#endif
    ;
    return 0;
}
```

```
C compiler: gcc -Wno-unused-result -Wsign-compare -
Wunreachable-code -DNDEBUG -g -fwrapv -O3 -Wall -
Wstrict-prototypes -I/Users/najnudel/anaconda2/envs/
test/include -arch x86_64 -I/Users/najnudel/
anaconda2/envs/test/include -arch x86_64
```

```
compile options: '-I/usr/local/sundials-3.1.1/
include -I/Users/najnudel/anaconda2/envs/test/
include/python3.7m -c'
gcc: _configtest.c
success!
removing: _configtest.c _configtest.o
```

_configtest.o.d

Found sundials built with double precision.

compiling '_configtest.c':

```
#include <sundials/sundials_config.h>
```

```
int main(void)
{
#ifdef SUNDIALS_INT32_T
#else
#error false or undefined macro
#endif
    ;
    return 0;
}
```

C compiler: gcc -Wno-unused-result -Wsign-compare -Wunreachable-code -DNDEBUG -g -fwrapv -O3 -Wall -Wstrict-prototypes -I/Users/najnudel/anaconda2/envs/test/include -arch x86_64 -I/Users/najnudel/anaconda2/envs/test/include -arch x86_64

compile options: '-I/usr/local/sundials-3.1.1/include -I/Users/najnudel/anaconda2/envs/test/include/python3.7m -c'

gcc: _configtest.c

success!

removing: _configtest.c _configtest.o

_configtest.o.d

Found sundials built with int32.

compiling '_configtest.c':

```
#include <sundials/sundials_config.h>
```

```
int main(void)
{
#ifdef SUNDIALS_BLAS_LAPACK
#else
#error undefined macro
#endif
    ;
    return 0;
}
```

```
C compiler: gcc -Wno-unused-result -Wsign-compare -Wunreachable-code -DNDEBUG -g -fwrapv -O3 -Wall -Wstrict-prototypes -I/Users/najnudel/anaconda2/envs/test/include -arch x86_64 -I/Users/najnudel/anaconda2/envs/test/include -arch x86_64
```

```
compile options: '-I/usr/local/sundials-3.1.1/include -I/Users/najnudel/anaconda2/envs/test/include/python3.7m -c'
```

```
gcc: _configtest.c
```

```
success!
```

```
removing: _configtest.c _configtest.o  
_configtest.o.d
```

```
lapack_opt_info:
```

```
lapack_mkl_info:
```

```
customize UnixCCompiler
```

```
FOUND:
```

```
libraries = ['mkl_rt', 'pthread']
```

```
library_dirs = ['/Users/najnudel/anaconda2/envs/test/lib']
```

```
define_macros = [('SCIPY_MKL_H', None), ('HAVE_CBLAS', None)]
```

```
include_dirs = ['/usr/local/include', '/Users/najnudel/anaconda2/envs/test/include']
```

```
FOUND:
```

```
libraries = ['mkl_rt', 'pthread']
```

```
library_dirs = ['/Users/najnudel/anaconda2/envs/test/lib']
```

```
define_macros = [('SCIPY_MKL_H', None), ('HAVE_CBLAS', None)]
```

```
include_dirs = ['/usr/local/include', '/Users/najnudel/anaconda2/envs/test/include']
```

```
Found LAPACK paths via lapack_opt ...
```

```
Compiling scikits/odes/sundials/common_defs.pyx because it changed.
```

```
Compiling scikits/odes/sundials/cvode.pyx because it changed.
```

```
Compiling scikits/odes/sundials/ida.pyx because it changed.
```

```
[1/3] Cythonizing scikits/odes/sundials/common_defs.pyx
```

```
[2/3] Cythonizing scikits/odes/sundials/cvode.pyx
```



```
[3/3] Cythonizing scikits/odes/sundials/ida.pyx
customize UnixCCompiler
customize UnixCCompiler using build_ext
get_default_fcompiler: matching types: '['gnu95',
'nag', 'absoft', 'ibm', 'intel', 'gnu', 'g95', 'pg']'
customize Gnu95FCompiler
customize Gnu95FCompiler
customize Gnu95FCompiler using build_ext
building 'scikits.odes.ddaspk' extension
compiling C sources
C compiler: gcc -Wno-unused-result -Wsign-compare -
Wunreachable-code -DNDEBUG -g -fwrapv -O3 -Wall -
Wstrict-prototypes -I/Users/najnudel/anaconda2/envs/
test/include -arch x86_64 -I/Users/najnudel/
anaconda2/envs/test/include -arch x86_64
```

```
creating build/temp.macosx-10.7-x86_64-3.7/build
creating build/temp.macosx-10.7-x86_64-3.7/build/
src.macosx-10.7-x86_64-3.7
creating build/temp.macosx-10.7-x86_64-3.7/build/
src.macosx-10.7-x86_64-3.7/scikits
creating build/temp.macosx-10.7-x86_64-3.7/build/
src.macosx-10.7-x86_64-3.7/scikits/odes
creating build/temp.macosx-10.7-x86_64-3.7/build/
src.macosx-10.7-x86_64-3.7/build
creating build/temp.macosx-10.7-x86_64-3.7/build/
src.macosx-10.7-x86_64-3.7/build/src.macosx-10.7-
x86_64-3.7
creating build/temp.macosx-10.7-x86_64-3.7/build/
src.macosx-10.7-x86_64-3.7/build/src.macosx-10.7-
x86_64-3.7/scikits
creating build/temp.macosx-10.7-x86_64-3.7/build/
src.macosx-10.7-x86_64-3.7/build/src.macosx-10.7-
x86_64-3.7/scikits/odes
compile options: '-Ibuild/src.macosx-10.7-
x86_64-3.7/build/src.macosx-10.7-x86_64-3.7/scikits/
odes -I/private/var/folders/sq/
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-
dscevc0c/overlay/lib/python3.7/site-packages/numpy/
core/include -I/Users/najnudel/anaconda2/envs/test/
include/python3.7m -c'
gcc: build/src.macosx-10.7-x86_64-3.7/scikits/odes/
ddaspkmodule.c
gcc: build/src.macosx-10.7-x86_64-3.7/build/
```

```
src.macosx-10.7-x86_64-3.7/scikits/odes/  
fortranobject.c
```

```
In file included from In file included from build/  
src.macosx-10.7-x86_64-3.7/build/src.macosx-10.7-  
x86_64-3.7/scikits/odes/fortranobject.cbuild/  
src.macosx-10.7-x86_64-3.7/scikits/odes/  
ddaspkmodule.c::216:
```

```
In file included from :
```

```
build/src.macosx-10.7-x86_64-3.7/build/  
src.macosx-10.7-x86_64-3.7/scikits/odes/  
fortranobject.hIn file included from :build/  
src.macosx-10.7-x86_64-3.7/build/src.macosx-10.7-  
x86_64-3.7/scikits/odes/fortranobject.h13::
```

```
13In file included from :
```

```
/private/var/folders/sq/
```

```
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-  
dscevc0c/overlay/lib/python3.7/site-packages/numpy/  
core/include/numpy/arrayobject.hIn file included  
from :/private/var/folders/sq/
```

```
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-  
dscevc0c/overlay/lib/python3.7/site-packages/numpy/  
core/include/numpy/arrayobject.h4::
```

```
4In file included from :
```

```
/private/var/folders/sq/
```

```
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-  
dscevc0c/overlay/lib/python3.7/site-packages/numpy/  
core/include/numpy/ndarrayobject.hIn file included  
from :/private/var/folders/sq/
```

```
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-  
dscevc0c/overlay/lib/python3.7/site-packages/numpy/  
core/include/numpy/ndarrayobject.h12::
```

```
12In file included from :
```

```
/private/var/folders/sq/
```

```
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-  
dscevc0c/overlay/lib/python3.7/site-packages/numpy/  
core/include/numpy/ndarraytypes.hIn file included  
from :/private/var/folders/sq/
```

```
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-  
dscevc0c/overlay/lib/python3.7/site-packages/numpy/  
core/include/numpy/ndarraytypes.h1830::
```

```
1830/private/var/folders/sq/
```

```
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-  
dscevc0c/overlay/lib/python3.7/site-packages/numpy/  
core/include/numpy/npymath/npymath_1_7_deprecated_api.h:
```

```
:/private/var/folders/sq/
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-
dscevc0c/overlay/lib/python3.7/site-packages/numpy/
core/include/numpy/
np_1_7_deprecated_api.h17::172::2 :warning :
warning"Using deprecated NumPy API, disable it with "
"#define NPY_NO_DEPRECATED_API
NPY_1_7_API_VERSION" [-W#warnings]
: "Using deprecated NumPy API, disable it with "
"#define NPY_NO_DEPRECATED_API
NPY_1_7_API_VERSION" [-W#warnings]
#warning "Using deprecated NumPy API, disable it
with " \#warning "Using deprecated NumPy API, disable
it with " \
```

^ ^

```
build/src.macosx-10.7-x86_64-3.7/scikits/odes/
ddaspkmodule.c:349:34: warning: this function
declaration is not a prototype [-Wstrict-prototypes]
extern void F_FUNC(ddaspk,DDASPK)();
                ^
```

void

```
build/src.macosx-10.7-x86_64-3.7/scikits/odes/
ddaspkmodule.c:375:10: warning: unused variable
'rpar' [-Wunused-variable]
    double rpar>(*rpar_cb_capi);
            ^
```

```
build/src.macosx-10.7-x86_64-3.7/scikits/odes/
ddaspkmodule.c:374:7: warning: unused variable
'ires' [-Wunused-variable]
    int ires>(*ires_cb_capi);
        ^
```

```
build/src.macosx-10.7-x86_64-3.7/scikits/odes/
ddaspkmodule.c:373:10: warning: unused variable
'cj' [-Wunused-variable]
    double cj>(*cj_cb_capi);
            ^
```

```
build/src.macosx-10.7-x86_64-3.7/scikits/odes/
ddaspkmodule.c:376:7: warning: unused variable
'ipar' [-Wunused-variable]
    int ipar>(*ipar_cb_capi);
        ^
```

```
build/src.macosx-10.7-x86_64-3.7/scikits/odes/
```

```

ddaspkmodule.c:444:48: warning: code will never be
executed [-Wunreachable-code]
    int itemsize_ = NPY_DOUBLE == NPY_STRING ? 1 :
0;
                                                                    ^
    build/src.macosx-10.7-x86_64-3.7/scikits/odes/
ddaspkmodule.c:433:48: warning: code will never be
executed [-Wunreachable-code]
    int itemsize_ = NPY_DOUBLE == NPY_STRING ? 1 :
0;
                                                                    ^
    build/src.macosx-10.7-x86_64-3.7/scikits/odes/
ddaspkmodule.c:544:12: warning: unused variable
'rpar_Dims' [-Wunused-variable]
    npy_intp rpar_Dims[1] = {-1};
                ^
    build/src.macosx-10.7-x86_64-3.7/scikits/odes/
ddaspkmodule.c:545:12: warning: unused variable
'ipar_Dims' [-Wunused-variable]
    npy_intp ipar_Dims[1] = {-1};
                ^
    build/src.macosx-10.7-x86_64-3.7/scikits/odes/
ddaspkmodule.c:613:48: warning: code will never be
executed [-Wunreachable-code]
    int itemsize_ = NPY_DOUBLE == NPY_STRING ? 1 :
0;
                                                                    ^
    build/src.macosx-10.7-x86_64-3.7/scikits/odes/
ddaspkmodule.c:602:48: warning: code will never be
executed [-Wunreachable-code]
    int itemsize_ = NPY_DOUBLE == NPY_STRING ? 1 :
0;
                                                                    ^
    build/src.macosx-10.7-x86_64-3.7/scikits/odes/
ddaspkmodule.c:743:45: warning: this function
declaration is not a prototype [-Wstrict-prototypes]
    void (*f2py_func)() {
                                                                    ^
                                                                    void
    build/src.macosx-10.7-x86_64-3.7/scikits/odes/
ddaspkmodule.c:146:12: warning: unused function
'f2py_size' [-Wunused-function]
    static int f2py_size(PyArrayObject* var, ...)
                ^

```

```
14 warnings generated.
1 warning generated.
compiling Fortran sources
Fortran f77 compiler: /usr/local/bin/gfortran -Wall
-g -ffixed-form -fno-second-underscore -arch x86_64 -
fPIC -O3 -funroll-loops
Fortran f90 compiler: /usr/local/bin/gfortran -Wall
-g -fno-second-underscore -arch x86_64 -fPIC -O3 -
funroll-loops
Fortran fix compiler: /usr/local/bin/gfortran -Wall
-g -ffixed-form -fno-second-underscore -Wall -g -fno-
second-underscore -arch x86_64 -fPIC -O3 -funroll-
loops
creating build/temp.macosx-10.7-x86_64-3.7/scikits
creating build/temp.macosx-10.7-x86_64-3.7/scikits/
odes
creating build/temp.macosx-10.7-x86_64-3.7/scikits/
odes/daepack
compile options: '-Ibuild/src.macosx-10.7-
x86_64-3.7/build/src.macosx-10.7-x86_64-3.7/scikits/
odes -I/private/var/folders/sq/
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-
dscevc0c/overlay/lib/python3.7/site-packages/numpy/
core/include -I/Users/najnudel/anaconda2/envs/test/
include/python3.7m -c'
gfortran:f77: scikits/odes/daepack/solsy.f
gfortran:f77: scikits/odes/daepack/ddaspk.f
gfortran:f77: scikits/odes/daepack/stodi.f
gfortran:f77: scikits/odes/daepack/prepji.f
gfortran:f77: scikits/odes/daepack/cfode.f
gfortran:f77: scikits/odes/daepack/xerrwv.f
scikits/odes/daepack/solsy.f:1:39:

      subroutine solsyz (wm, iwm, x, tem)
                                1
Avertissement: Argument muet « tem » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/xerrwv.f:1:40:

      subroutine xerrwv (msg, nmes, nerr, level,
ni, i1, i2, nr, r1, r2)
                                1
Avertissement: Argument muet « nerr » inutilisé à
(1) [-Wunused-dummy-argument]
```

scikits/odes/daepack/ddaspk.f:2369:3:

```
770 MSG = 'DASPK-- RUN TERMINATED. APPARENT  
INFINITE LOOP'
```

1

Avertissement: L'étiquette 770 à (1) est définie
mais non utilisée [-Wunused-label]

scikits/odes/daepack/ddaspk.f:1685:3:

```
300 CONTINUE
```

1

Avertissement: L'étiquette 300 à (1) est définie
mais non utilisée [-Wunused-label]

scikits/odes/daepack/ddaspk.f:4189:3:

```
375 IF(NONNEG .EQ. 0) GO TO 390
```

1

Avertissement: L'étiquette 375 à (1) est définie
mais non utilisée [-Wunused-label]

scikits/odes/daepack/ddaspk.f:3365:58:

```
DOUBLE PRECISION FUNCTION  
DDWNRM(NEQ,V,RWT,RPAR,IPAR)
```

1

Avertissement: Argument muet « ipar » inutilisé à
(1) [-Wunused-dummy-argument]

scikits/odes/daepack/ddaspk.f:3365:53:

```
DOUBLE PRECISION FUNCTION  
DDWNRM(NEQ,V,RWT,RPAR,IPAR)
```

1

Avertissement: Argument muet « rpar » inutilisé à
(1) [-Wunused-dummy-argument]

scikits/odes/daepack/ddaspk.f:4982:22:

```
* WM, IWM, RHOK, FNRM, ICOPT, ID, WP, IWP,  
R, EPLIN, YNEW, YPNEW,
```

1

Avertissement: Argument muet « rhok » inutilisé à
(1) [-Wunused-dummy-argument]

scikits/odes/daepack/ddaspk.f:4982:11:

* WM, IWM, RHOK, FNRM, ICOPT, ID, WP, IWP,
R, EPLIN, YNEW, YPNEW,

1

Avertissement: Argument muet « wm » inutilisé à (1)
[-Wunused-dummy-argument]

scikits/odes/daepack/ddaspk.f:4221:48:

*

DUMSVR, DELTA, E, WM, IWM, CJ, DUMS, DUMR, DUME, EPCON,

1

Avertissement: Argument muet « dume » inutilisé à
(1) [-Wunused-dummy-argument]

scikits/odes/daepack/ddaspk.f:4221:43:

*

DUMSVR, DELTA, E, WM, IWM, CJ, DUMS, DUMR, DUME, EPCON,

1

Avertissement: Argument muet « dumr » inutilisé à
(1) [-Wunused-dummy-argument]

scikits/odes/daepack/ddaspk.f:4221:38:

*

DUMSVR, DELTA, E, WM, IWM, CJ, DUMS, DUMR, DUME, EPCON,

1

Avertissement: Argument muet « dums » inutilisé à
(1) [-Wunused-dummy-argument]

scikits/odes/daepack/ddaspk.f:4221:15:

*

DUMSVR, DELTA, E, WM, IWM, CJ, DUMS, DUMR, DUME, EPCON,

1

Avertissement: Argument muet « dumsvr » inutilisé à
(1) [-Wunused-dummy-argument]

scikits/odes/daepack/ddaspk.f:4222:47:

*

S, CONFAC, TOLNEW, MULDEL, MAXIT, IRES, IDUM, IERNEW)

1

Avertissement: Argument muet « idum » inutilisé à
(1) [-Wunused-dummy-argument]

scikits/odes/daepack/ddaspk.f:4220:45:

SUBROUTINE

DNSD(X, Y, YPRIME, NEQ, RES, PDUM, WT, RPAR, IPAR,

1
Avertissement: Argument muet « pdum » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3248:56:

SUBROUTINE
DDAWTS(NEQ,IWT,RTOL,ATOL,Y,WT,RPAR,IPAR)

1
Avertissement: Argument muet « ipar » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3248:51:

SUBROUTINE
DDAWTS(NEQ,IWT,RTOL,ATOL,Y,WT,RPAR,IPAR)

1
Avertissement: Argument muet « rpar » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3400:19:

*
UROUND,DUME,DUMS,DUMR,EPCON,RATEMX,STPTOL,JFDUM,
1

Avertissement: Argument muet « dume » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3399:57:

*
WT,JSDUM,RPAR,IPAR,DUMSVR,DELTA,R,YIC,YPIC,DUMPWK,WM,
IWM,CJ,

1
Avertissement: Argument muet « dumpwk » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3400:29:

*
UROUND,DUME,DUMS,DUMR,EPCON,RATEMX,STPTOL,JFDUM,
1

Avertissement: Argument muet « dumr » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3400:24:

*
UROUND, DUME, DUMS, DUMR, EPCON, RATEMX, STPTOL, JFDUM,
1
Avertissement: Argument muet « dums » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3399:33:

*
WT, JSDUM, RPAR, IPAR, DUMSVR, DELTA, R, YIC, YPIC, DUMPWK, WM,
IWM, CJ,
1
Avertissement: Argument muet « dumsvr » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3400:55:

*
UROUND, DUME, DUMS, DUMR, EPCON, RATEMX, STPTOL, JFDUM,
1
Avertissement: Argument muet « jfdum » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3399:16:

*
WT, JSDUM, RPAR, IPAR, DUMSVR, DELTA, R, YIC, YPIC, DUMPWK, WM,
IWM, CJ,
1
Avertissement: Argument muet « jsdum » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3398:61:

SUBROUTINE
DDASID(X, Y, YPRIME, NEQ, ICOPT, ID, RES, JACD, PDUM, H, TSCALE
,

1
Avertissement: Argument muet « pdum » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3957:26:

*
EPCON, JCALC, JFDUM, KP1, NONNEG, NTYPE, IERNLS)
1
Avertissement: Argument muet « jfdum » inutilisé à

(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:4617:70:

*

WT, JSKIP, RPAR, IPAR, SAVR, DELTA, R, YIC, YPIC, PWK, WM, IWM, CJ, UROUND,

1

Avertissement: Argument muet « uround » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:5237:40:

*

WM, IWM, CJ, CJOLD, CJLAST, S, UROUND, EPLI, SQRTN, RSQRTN,

1

Avertissement: Argument muet « uround » inutilisé à
(1) [-Wunused-dummy-argument]
gfortran:f77: scikits/odes/daepack/ainvg.f
gfortran:f77: scikits/odes/daepack/lsodi.f
gfortran:f77: scikits/odes/daepack/ewset.f
gfortran:f77: scikits/odes/daepack/daux.f
gfortran:f77: scikits/odes/daepack/dlinpk.f
scikits/odes/daepack/daux.f:2:46:

DOUBLE PRECISION FUNCTION D1MACH (IDUMMY)

1

Avertissement: Argument muet « idummy » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/daux.f:48:40:

SUBROUTINE XERRWD (MSG, NMES, NERR, LEVEL,
NI, I1, I2, NR, R1, R2)

1

Avertissement: Argument muet « nerr » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/daux.f:48:34:

SUBROUTINE XERRWD (MSG, NMES, NERR, LEVEL,
NI, I1, I2, NR, R1, R2)

1

Avertissement: Argument muet « nmes » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/daux.f:214:0:

INTEGER FUNCTION IXSAV (IPAR, IVALUE, ISET)

Avertissement: « __result_ixsav » pourrait être utilisé sans être initialisé dans cette fonction [-Wmaybe-uninitialized]

scikits/odes/daepack/dlinpk.f:763:72:

```
10 assign 30 to next
```

1

Avertissement: Fonctionnalité supprimée :
Instruction ASSIGN à (1)

scikits/odes/daepack/dlinpk.f:768:19:

```
20 go to next,(30, 50, 70, 110)
```

1

Avertissement: Fonctionnalité supprimée :
Instruction GOTO assigné à (1)

scikits/odes/daepack/dlinpk.f:770:72:

```
assign 50 to next
```

1

Avertissement: Fonctionnalité supprimée :
Instruction ASSIGN à (1)

scikits/odes/daepack/dlinpk.f:779:72:

```
assign 70 to next
```

1

Avertissement: Fonctionnalité supprimée :
Instruction ASSIGN à (1)

scikits/odes/daepack/dlinpk.f:785:72:

```
assign 110 to next
```

1

Avertissement: Fonctionnalité supprimée :
Instruction ASSIGN à (1)

scikits/odes/daepack/dlinpk.f:798:5:

```
110 if( dabs(dx(i)) .le. xmax ) go to 115
```

1

Avertissement: L'étiquette 110 à (1) est définie

mais non utilisée [-Wunused-label]
scikits/odes/daepack/dlinpk.f:793:5:

```
70 if( dabs(dx(i)) .gt. cutlo ) go to 75  
1
```

Avertissement: L'étiquette 70 à (1) est définie
mais non utilisée [-Wunused-label]
scikits/odes/daepack/dlinpk.f:775:5:

```
50 if( dx(i) .eq. zero) go to 200  
1
```

Avertissement: L'étiquette 50 à (1) est définie
mais non utilisée [-Wunused-label]
gfortran:f77: scikits/odes/daepack/intdy.f
scikits/odes/daepack/lsodi.f:1521:0:

```
if (ihit) t = tcrit
```

Avertissement: « ihit » pourrait être utilisé sans
être initialisé dans cette fonction [-Wmaybe-
uninitialized]

```
gfortran:f77: scikits/odes/daepack/vnorm.f  
scikits/odes/daepack/ddaspk.f:5144:0:
```

```
FNRM = FNRMP
```

Avertissement: « fnrmp » pourrait être utilisé sans
être initialisé dans cette fonction [-Wmaybe-
uninitialized]

```
scikits/odes/daepack/ddaspk.f:6062:0:
```

```
IF (RHO .LT. RNRM) GO TO 150
```

Avertissement: « rho » pourrait être utilisé sans
être initialisé dans cette fonction [-Wmaybe-
uninitialized]

```
scikits/odes/daepack/dlinpk.f:799:0:
```

```
sum = one + sum * (xmax / dx(i))**2
```

Avertissement: « xmax » pourrait être utilisé sans
être initialisé dans cette fonction [-Wmaybe-
uninitialized]

```
scikits/odes/daepack/ddaspk.f:5488:0:
```

```
      IF (IRES .LE. -2 .OR. IERSL .LT. 0 .OR.  
IERTYP .NE. 0) THEN
```

Avertissement: « ires » pourrait être utilisé sans être initialisé dans cette fonction [-Wmaybe-uninitialized]

```
scikits/odes/daepack/ddaspk.f:2879:0:
```

```
520  IF(TERKM1.LE.MIN(TERK,TERKP1))GO TO 540
```

Avertissement: « terkm1 » pourrait être utilisé sans être initialisé dans cette fonction [-Wmaybe-uninitialized]

```
scikits/odes/daepack/ddaspk.f:2908:0:
```

```
R=(2.0D0*EST+0.0001D0)**(-1.0D0/TEMP2)
```

Avertissement: « erkm1 » pourrait être utilisé sans être initialisé dans cette fonction [-Wmaybe-uninitialized]

```
scikits/odes/daepack/ddaspk.f:1504:0:
```

```
LENPD = NEQ**2
```

Avertissement: « lenpd » pourrait être utilisé sans être initialisé dans cette fonction [-Wmaybe-uninitialized]

```
scikits/odes/daepack/ddaspk.f:1529:0:
```

```
LENWP = 0
```

Avertissement: « lenwp » pourrait être utilisé sans être initialisé dans cette fonction [-Wmaybe-uninitialized]

```
scikits/odes/daepack/ddaspk.f:1771:0:
```

```
IF (INDEX .EQ. 0) TSCALE = TDIST
```

Avertissement: « index » pourrait être utilisé sans être initialisé dans cette fonction [-Wmaybe-uninitialized]

```
/usr/local/bin/gfortran -Wall -g -arch x86_64 -Wall  
-g -undefined dynamic_lookup -bundle build/
```

```
temp.macosx-10.7-x86_64-3.7/build/src.macosx-10.7-
x86_64-3.7/scikits/odes/ddaspkmodule.o build/
temp.macosx-10.7-x86_64-3.7/build/src.macosx-10.7-
x86_64-3.7/build/src.macosx-10.7-x86_64-3.7/scikits/
odes/fortranobject.o build/temp.macosx-10.7-
x86_64-3.7/scikits/odes/daepack/ddaspk.o build/
temp.macosx-10.7-x86_64-3.7/scikits/odes/daepack/
solsy.o build/temp.macosx-10.7-x86_64-3.7/scikits/
odes/daepack/stodi.o build/temp.macosx-10.7-
x86_64-3.7/scikits/odes/daepack/cfode.o build/
temp.macosx-10.7-x86_64-3.7/scikits/odes/daepack/
xerrwv.o build/temp.macosx-10.7-x86_64-3.7/scikits/
odes/daepack/repji.o build/temp.macosx-10.7-
x86_64-3.7/scikits/odes/daepack/lsodi.o build/
temp.macosx-10.7-x86_64-3.7/scikits/odes/daepack/
ainvg.o build/temp.macosx-10.7-x86_64-3.7/scikits/
odes/daepack/ewset.o build/temp.macosx-10.7-
x86_64-3.7/scikits/odes/daepack/daux.o build/
temp.macosx-10.7-x86_64-3.7/scikits/odes/daepack/
dlinpk.o build/temp.macosx-10.7-x86_64-3.7/scikits/
odes/daepack/intdy.o build/temp.macosx-10.7-
x86_64-3.7/scikits/odes/daepack/vnorm.o -L/usr/local/
gfortran/lib/gcc/x86_64-apple-darwin18/8.2.0 -L/usr/
local/gfortran/lib/gcc/x86_64-apple-
darwin18/8.2.0/../../../../ -L/usr/local/gfortran/lib/
gcc/x86_64-apple-darwin18/8.2.0/../../../../ -lgfortran -
o build/lib.macosx-10.7-x86_64-3.7/scikits/odes/
ddaspk.cpython-37m-darwin.so
```

```
building 'scikits.odes.lsodi' extension
```

```
compiling C sources
```

```
C compiler: gcc -Wno-unused-result -Wsign-compare -
Wunreachable-code -DNDEBUG -g -fwrapv -O3 -Wall -
Wstrict-prototypes -I/Users/najnudel/anaconda2/envs/
test/include -arch x86_64 -I/Users/najnudel/
anaconda2/envs/test/include -arch x86_64
```

```
compile options: '-Ibuild/src.macosx-10.7-
x86_64-3.7/build/src.macosx-10.7-x86_64-3.7/scikits/
odes -I/private/var/folders/sq/
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-
dscevc0c/overlay/lib/python3.7/site-packages/numpy/
core/include -I/Users/najnudel/anaconda2/envs/test/
include/python3.7m -c'
```

```
gcc: build/src.macosx-10.7-x86_64-3.7/scikits/odes/
```

lsodimodule.c

In file included from build/src.macosx-10.7-x86_64-3.7/scikits/odes/lsodimodule.c:16:

In file included from build/src.macosx-10.7-x86_64-3.7/build/src.macosx-10.7-x86_64-3.7/scikits/odes/fortranobject.h:13:

In file included from /private/var/folders/sq/21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-dscevc0c/overlay/lib/python3.7/site-packages/numpy/core/include/numpy/arrayobject.h:4:

In file included from /private/var/folders/sq/21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-dscevc0c/overlay/lib/python3.7/site-packages/numpy/core/include/numpy/ndarrayobject.h:12:

In file included from /private/var/folders/sq/21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-dscevc0c/overlay/lib/python3.7/site-packages/numpy/core/include/numpy/ndarraytypes.h:1830:

```
    /private/var/folders/sq/21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-dscevc0c/overlay/lib/python3.7/site-packages/numpy/core/include/numpy/npymath/npymath.h:17:2:
warning: "Using deprecated NumPy API, disable it with
"          "#define NPY_NO_DEPRECATED_API
NPY_1_7_API_VERSION" [-W#warnings]
    #warning "Using deprecated NumPy API, disable it
with " \
    ^
```

```
    build/src.macosx-10.7-x86_64-3.7/scikits/odes/lsodimodule.c:438:48: warning: code will never be
executed [-Wunreachable-code]
```

```
        int itemsize_ = NPY_DOUBLE == NPY_STRING ? 1 :
0;
                                                                    ^
```

```
    build/src.macosx-10.7-x86_64-3.7/scikits/odes/lsodimodule.c:427:48: warning: code will never be
executed [-Wunreachable-code]
```

```
        int itemsize_ = NPY_DOUBLE == NPY_STRING ? 1 :
0;
                                                                    ^
```

```
    build/src.macosx-10.7-x86_64-3.7/scikits/odes/lsodimodule.c:609:48: warning: code will never be
executed [-Wunreachable-code]
```

```
        int itemsize_ = NPY_DOUBLE == NPY_STRING ? 1 :
```

```

0;
                                                                    ^
    build/src.macosx-10.7-x86_64-3.7/scikits/odes/
lsodimodule.c:592:48: warning: code will never be
executed [-Wunreachable-code]
    int itemsize_ = NPY_DOUBLE == NPY_STRING ? 1 :
0;
                                                                    ^

    build/src.macosx-10.7-x86_64-3.7/scikits/odes/
lsodimodule.c:776:48: warning: code will never be
executed [-Wunreachable-code]
    int itemsize_ = NPY_DOUBLE == NPY_STRING ? 1 :
0;
                                                                    ^

    build/src.macosx-10.7-x86_64-3.7/scikits/odes/
lsodimodule.c:765:48: warning: code will never be
executed [-Wunreachable-code]
    int itemsize_ = NPY_DOUBLE == NPY_STRING ? 1 :
0;
                                                                    ^

    build/src.macosx-10.7-x86_64-3.7/scikits/odes/
lsodimodule.c:142:12: warning: unused function
'f2py_size' [-Wunused-function]
    static int f2py_size(PyArrayObject* var, ...)
                ^

8 warnings generated.
compiling Fortran sources
Fortran f77 compiler: /usr/local/bin/gfortran -Wall
-g -ffixed-form -fno-second-underscore -arch x86_64 -
fPIC -O3 -funroll-loops
Fortran f90 compiler: /usr/local/bin/gfortran -Wall
-g -fno-second-underscore -arch x86_64 -fPIC -O3 -
funroll-loops
Fortran fix compiler: /usr/local/bin/gfortran -Wall
-g -ffixed-form -fno-second-underscore -Wall -g -fno-
second-underscore -arch x86_64 -fPIC -O3 -funroll-
loops
compile options: '-Ibuild/src.macosx-10.7-
x86_64-3.7/build/src.macosx-10.7-x86_64-3.7/scikits/
odes -I/private/var/folders/sq/
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-
dscevc0c/overlay/lib/python3.7/site-packages/numpy/
core/include -I/Users/najnudel/anaconda2/envs/test/
include/python3.7m -c'

```



```
gfortran:f77: scikits/odes/daepack/ddaspk.f
gfortran:f77: scikits/odes/daepack/solsy.f
gfortran:f77: scikits/odes/daepack/xerrwv.f
gfortran:f77: scikits/odes/daepack/prepji.f
gfortran:f77: scikits/odes/daepack/cfode.f
gfortran:f77: scikits/odes/daepack/stodi.f
scikits/odes/daepack/solsy.f:1:39:
```

```
subroutine solsy (wm, iwm, x, tem)
```

```
1
```

```
Avertissement: Argument muet « tem » inutilisé à
(1) [-Wunused-dummy-argument]
```

```
scikits/odes/daepack/xerrwv.f:1:40:
```

```
subroutine xerrwv (msg, nmes, nerr, level,
ni, i1, i2, nr, r1, r2)
```

```
1
```

```
Avertissement: Argument muet « nerr » inutilisé à
(1) [-Wunused-dummy-argument]
```

```
gfortran:f77: scikits/odes/daepack/lsodi.f
```

```
gfortran:f77: scikits/odes/daepack/ainvg.f
```

```
scikits/odes/daepack/ddaspk.f:2369:3:
```

```
770 MSG = 'DASPK-- RUN TERMINATED. APPARENT
INFINITE LOOP'
```

```
1
```

```
Avertissement: L'étiquette 770 à (1) est définie
mais non utilisée [-Wunused-label]
```

```
scikits/odes/daepack/ddaspk.f:1685:3:
```

```
300 CONTINUE
```

```
1
```

```
Avertissement: L'étiquette 300 à (1) est définie
mais non utilisée [-Wunused-label]
```

```
scikits/odes/daepack/ddaspk.f:4189:3:
```

```
375 IF(NONNEG .EQ. 0) GO TO 390
```

```
1
```

```
Avertissement: L'étiquette 375 à (1) est définie
mais non utilisée [-Wunused-label]
```

```
scikits/odes/daepack/ddaspk.f:3365:58:
```

```
DOUBLE PRECISION FUNCTION
DDWNRM(NEQ,V,RWT,RPAR,IPAR)
```

1

Avertissement: Argument muet « ipar » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3365:53:

DOUBLE PRECISION FUNCTION
DDWNRM(NEQ,V,RWT,RPAR,IPAR)

1

Avertissement: Argument muet « rpar » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:4982:22:

* WM, IWM, RHOK, FNRM, ICOPT, ID, WP, IWP,
R, EPLIN, YNEW, YPNEW,

1

Avertissement: Argument muet « rhok » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:4982:11:

* WM, IWM, RHOK, FNRM, ICOPT, ID, WP, IWP,
R, EPLIN, YNEW, YPNEW,

1

Avertissement: Argument muet « wm » inutilisé à (1)
[-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:4221:48:

*
DUMSVR, DELTA, E, WM, IWM, CJ, DUMS, DUMR, DUME, EPCON,

1

Avertissement: Argument muet « dume » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:4221:43:

*
DUMSVR, DELTA, E, WM, IWM, CJ, DUMS, DUMR, DUME, EPCON,

1

Avertissement: Argument muet « dumr » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:4221:38:

*
DUMSVR, DELTA, E, WM, IWM, CJ, DUMS, DUMR, DUME, EPCON,

1
Avertissement: Argument muet « dums » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:4221:15:

*
DUMSVR, DELTA, E, WM, IWM, CJ, DUMS, DUMR, DUME, EPCON,

1
Avertissement: Argument muet « dumsvr » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:4222:47:

*
S, CONFAC, TOLNEW, MULDEL, MAXIT, IRES, IDUM, IERNEW)

1
Avertissement: Argument muet « idum » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:4220:45:

SUBROUTINE
DNSD(X, Y, YPRIME, NEQ, RES, PDUM, WT, RPAR, IPAR,

1
Avertissement: Argument muet « pdum » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3248:56:

SUBROUTINE
DDAWTS(NEQ, IWT, RTOL, ATOL, Y, WT, RPAR, IPAR)

1
Avertissement: Argument muet « ipar » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3248:51:

SUBROUTINE
DDAWTS(NEQ, IWT, RTOL, ATOL, Y, WT, RPAR, IPAR)

1
Avertissement: Argument muet « rpar » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3400:19:

*
UROUND, DUME, DUMS, DUMR, EPCON, RATEMX, STPTOL, JFDUM,

1

Avertissement: Argument muet « dume » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3399:57:

*

WT, JSDUM, RPAR, IPAR, DUMSVR, DELTA, R, YIC, YPIC, DUMPWK, WM,
IWM, CJ,

1

Avertissement: Argument muet « dumpwk » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3400:29:

*

UROUND, DUME, DUMS, DUMR, EPCON, RATEMX, STPTOL, JFDUM,

1

Avertissement: Argument muet « dumr » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3400:24:

*

UROUND, DUME, DUMS, DUMR, EPCON, RATEMX, STPTOL, JFDUM,

1

Avertissement: Argument muet « dums » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3399:33:

*

WT, JSDUM, RPAR, IPAR, DUMSVR, DELTA, R, YIC, YPIC, DUMPWK, WM,
IWM, CJ,

1

Avertissement: Argument muet « dumsvr » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3400:55:

*

UROUND, DUME, DUMS, DUMR, EPCON, RATEMX, STPTOL, JFDUM,

1

Avertissement: Argument muet « jfdum » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3399:16:

*
WT, JSDUM, RPAR, IPAR, DUMSVR, DELTA, R, YIC, YPIC, DUMPWK, WM,
IWM, CJ,

1
Avertissement: Argument muet « jsdum » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3398:61:

SUBROUTINE
DDASID(X, Y, YPRIME, NEQ, ICOPT, ID, RES, JACD, PDUM, H, TSCALE
,

1
Avertissement: Argument muet « pdum » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:3957:26:

*
EPCON, JCALC, JFDUM, KP1, NONNEG, NTYPE, IERNLS)

1
Avertissement: Argument muet « jfdum » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:4617:70:

*
WT, JSKIP, RPAR, IPAR, SAVR, DELTA, R, YIC, YPIC, PWK, WM, IWM, C
J, UROUND,

1
Avertissement: Argument muet « ound » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/ddaspk.f:5237:40:

*
WM, IWM, CJ, CJOLD, CJLAST, S, UROUND, EPLI, SQRTN, RSQRTN,

1
Avertissement: Argument muet « ound » inutilisé à
(1) [-Wunused-dummy-argument]
gfortran:f77: scikits/odes/daepack/ewset.f
gfortran:f77: scikits/odes/daepack/daux.f
scikits/odes/daepack/daux.f:2:46:

DOUBLE PRECISION FUNCTION D1MACH (IDUMMY)

1

Avertissement: Argument muet « idummy » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/daux.f:48:40:

```
      SUBROUTINE XERRWD (MSG, NMES, NERR, LEVEL,  
NI, I1, I2, NR, R1, R2)
```

1

Avertissement: Argument muet « nerr » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/daux.f:48:34:

```
      SUBROUTINE XERRWD (MSG, NMES, NERR, LEVEL,  
NI, I1, I2, NR, R1, R2)
```

1

Avertissement: Argument muet « nmes » inutilisé à
(1) [-Wunused-dummy-argument]
scikits/odes/daepack/daux.f:214:0:

```
      INTEGER FUNCTION IXSAV (IPAR, IVALUE, ISET)
```

Avertissement: « __result_ixsav » pourrait être
utilisé sans être initialisé dans cette fonction [-
Wmaybe-uninitialized]
scikits/odes/daepack/lsodi.f:1521:0:

```
      if (ihit) t = tcrit
```

Avertissement: « ihit » pourrait être utilisé sans
être initialisé dans cette fonction [-Wmaybe-
uninitialized]

```
      gfortran:f77: scikits/odes/daepack/dlinpk.f  
scikits/odes/daepack/dlinpk.f:763:72:
```

```
      10 assign 30 to next
```

1

Avertissement: Fonctionnalité supprimée :
Instruction ASSIGN à (1)
scikits/odes/daepack/dlinpk.f:768:19:

```
      20 go to next,(30, 50, 70, 110)
```

1

Avertissement: Fonctionnalité supprimée :
Instruction GOTO assigné à (1)

scikits/odes/daepack/dlinpk.f:770:72:

assign 50 to next

1

Avertissement: Fonctionnalité supprimée :
Instruction ASSIGN à (1)
scikits/odes/daepack/dlinpk.f:779:72:

assign 70 to next

1

Avertissement: Fonctionnalité supprimée :
Instruction ASSIGN à (1)
gfortran:f77: scikits/odes/daepack/intdy.f
scikits/odes/daepack/dlinpk.f:785:72:

assign 110 to next

1

Avertissement: Fonctionnalité supprimée :
Instruction ASSIGN à (1)
scikits/odes/daepack/dlinpk.f:798:5:

110 if(dabs(dx(i)) .le. xmax) go to 115

1

Avertissement: L'étiquette 110 à (1) est définie
mais non utilisée [-Wunused-label]
scikits/odes/daepack/dlinpk.f:793:5:

70 if(dabs(dx(i)) .gt. cutlo) go to 75

1

Avertissement: L'étiquette 70 à (1) est définie
mais non utilisée [-Wunused-label]
scikits/odes/daepack/dlinpk.f:775:5:

50 if(dx(i) .eq. zero) go to 200

1

Avertissement: L'étiquette 50 à (1) est définie
mais non utilisée [-Wunused-label]
gfortran:f77: scikits/odes/daepack/vnorm.f
scikits/odes/daepack/ddaspk.f:5144:0:

FNRM = FNRMP

Avertissement: « fnrmp » pourrait être utilisé sans être initialisé dans cette fonction [-Wmaybe-uninitialized]

scikits/odes/daepack/ddaspk.f:6062:0:

```
IF (RHO .LT. RNRM) GO TO 150
```

Avertissement: « rho » pourrait être utilisé sans être initialisé dans cette fonction [-Wmaybe-uninitialized]

scikits/odes/daepack/dlinpk.f:799:0:

```
sum = one + sum * (xmax / dx(i))**2
```

Avertissement: « xmax » pourrait être utilisé sans être initialisé dans cette fonction [-Wmaybe-uninitialized]

scikits/odes/daepack/ddaspk.f:5488:0:

```
IF (IRES .LE. -2 .OR. IERSL .LT. 0 .OR.  
IERTYP .NE. 0) THEN
```

Avertissement: « ires » pourrait être utilisé sans être initialisé dans cette fonction [-Wmaybe-uninitialized]

scikits/odes/daepack/ddaspk.f:2879:0:

```
520 IF(TERKM1.LE.MIN(TERK,TERKP1))GO TO 540
```

Avertissement: « terkm1 » pourrait être utilisé sans être initialisé dans cette fonction [-Wmaybe-uninitialized]

scikits/odes/daepack/ddaspk.f:2908:0:

```
R=(2.0D0*EST+0.0001D0)**(-1.0D0/TEMP2)
```

Avertissement: « erkm1 » pourrait être utilisé sans être initialisé dans cette fonction [-Wmaybe-uninitialized]

scikits/odes/daepack/ddaspk.f:1504:0:

```
LENPD = NEQ**2
```


Avertissement: « lenpd » pourrait être utilisé sans être initialisé dans cette fonction [-Wmaybe-uninitialized]

scikits/odes/daepack/ddaspk.f:1529:0:

LENWP = 0

Avertissement: « lenwp » pourrait être utilisé sans être initialisé dans cette fonction [-Wmaybe-uninitialized]

scikits/odes/daepack/ddaspk.f:1771:0:

IF (INDEX .EQ. 0) TSCALE = TDIST

Avertissement: « index » pourrait être utilisé sans être initialisé dans cette fonction [-Wmaybe-uninitialized]

```
/usr/local/bin/gfortran -Wall -g -arch x86_64 -Wall -g -undefined dynamic_lookup -bundle build/temp.macosx-10.7-x86_64-3.7/build/src.macosx-10.7-x86_64-3.7/scikits/odes/lsodimodule.o build/temp.macosx-10.7-x86_64-3.7/build/src.macosx-10.7-x86_64-3.7/build/src.macosx-10.7-x86_64-3.7/scikits/odes/fortranobject.o build/temp.macosx-10.7-x86_64-3.7/scikits/odes/daepack/ddaspk.o build/temp.macosx-10.7-x86_64-3.7/scikits/odes/daepack/solsy.o build/temp.macosx-10.7-x86_64-3.7/scikits/odes/daepack/stodi.o build/temp.macosx-10.7-x86_64-3.7/scikits/odes/daepack/cfode.o build/temp.macosx-10.7-x86_64-3.7/scikits/odes/daepack/xerrwv.o build/temp.macosx-10.7-x86_64-3.7/scikits/odes/daepack/prepji.o build/temp.macosx-10.7-x86_64-3.7/scikits/odes/daepack/lsodi.o build/temp.macosx-10.7-x86_64-3.7/scikits/odes/daepack/ainvg.o build/temp.macosx-10.7-x86_64-3.7/scikits/odes/daepack/ewset.o build/temp.macosx-10.7-x86_64-3.7/scikits/odes/daepack/daux.o build/temp.macosx-10.7-x86_64-3.7/scikits/odes/daepack/dlinpk.o build/temp.macosx-10.7-x86_64-3.7/scikits/odes/daepack/intdy.o build/temp.macosx-10.7-x86_64-3.7/scikits/odes/daepack/vnorm.o -L/usr/local/gfortran/lib/gcc/x86_64-apple-darwin18/8.2.0 -L/usr/local/gfortran/lib/gcc/x86_64-apple-darwin18/8.2.0/../../../../ -L/usr/local/gfortran/lib/
```

```
gcc/x86_64-apple-darwin18/8.2.0/../../../../ -lgfortran -
o build/lib.macosx-10.7-x86_64-3.7/scikits/odes/
lsodi.cpython-37m-darwin.so
  building 'scikits.odes.sundials.common_defs'
extension
  compiling C sources
  C compiler: gcc -Wno-unused-result -Wsign-compare -
Wunreachable-code -DNDEBUG -g -fwrapv -O3 -Wall -
Wstrict-prototypes -I/Users/najnudel/anaconda2/envs/
test/include -arch x86_64 -I/Users/najnudel/
anaconda2/envs/test/include -arch x86_64

  creating build/temp.macosx-10.7-x86_64-3.7/scikits/
odes/sundials
  compile options: '-I/usr/local/sundials-3.1.1/
include -I/usr/local/include -I/Users/najnudel/
anaconda2/envs/test/include -I/private/var/folders/
sq/21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-
dscevc0c/overlay/lib/python3.7/site-packages/numpy/
core/include -I/Users/najnudel/anaconda2/envs/test/
include/python3.7m -c'
  gcc: scikits/odes/sundials/common_defs.c
  In file included from scikits/odes/sundials/
common_defs.c:656:
  In file included from /private/var/folders/sq/
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-
dscevc0c/overlay/lib/python3.7/site-packages/numpy/
core/include/numpy/arrayobject.h:4:
  In file included from /private/var/folders/sq/
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-
dscevc0c/overlay/lib/python3.7/site-packages/numpy/
core/include/numpy/ndarrayobject.h:12:
  In file included from /private/var/folders/sq/
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-
dscevc0c/overlay/lib/python3.7/site-packages/numpy/
core/include/numpy/ndarraytypes.h:1830:
  /private/var/folders/sq/
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-
dscevc0c/overlay/lib/python3.7/site-packages/numpy/
core/include/numpy/np_1_7_deprecated_api.h:17:2:
warning: "Using deprecated NumPy API, disable it with
"
        "#define NPY_NO_DEPRECATED_API
NPY_1_7_API_VERSION" [-W#warnings]
  #warning "Using deprecated NumPy API, disable it
```

with " \
^

1 warning generated.

```
gcc -bundle -undefined dynamic_lookup -L/Users/najnudel/anaconda2/envs/test/lib -arch x86_64 -L/Users/najnudel/anaconda2/envs/test/lib -arch x86_64 -arch x86_64 build/temp.macosx-10.7-x86_64-3.7/scikits/odes/sundials/common_defs.o -L/usr/local/sundials-3.1.1/lib -L/Users/najnudel/anaconda2/envs/test/lib -lsundials_nvecserial -lsundials_sunlinsollapackband -lsundials_sunlinsollapackdense -lsundials_sunlinsolband -lsundials_sunlinsoldense -lsundials_sunlinsolpcg -lsundials_sunlinsolspbcgs -lsundials_sunlinsolspfgmr -lsundials_sunlinsolspgmr -lsundials_sunlinsolsptfqmr -lsundials_sunmatrixband -lsundials_sunmatrixdense -lsundials_sunmatrixsparse -lmkl_rt -lpthread -o build/lib.macosx-10.7-x86_64-3.7/scikits/odes/sundials/common_defs.cpython-37m-darwin.so
```

building 'scikits.odes.sundials.ccode' extension
compiling C sources

```
C compiler: gcc -Wno-unused-result -Wsign-compare -Wunreachable-code -DNDEBUG -g -fwrapv -O3 -Wall -Wstrict-prototypes -I/Users/najnudel/anaconda2/envs/test/include -arch x86_64 -I/Users/najnudel/anaconda2/envs/test/include -arch x86_64
```

```
compile options: '-I/usr/local/sundials-3.1.1/include -I/usr/local/include -I/Users/najnudel/anaconda2/envs/test/include -I/private/var/folders/sq/21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-dscevc0c/overlay/lib/python3.7/site-packages/numpy/core/include -I/Users/najnudel/anaconda2/envs/test/include/python3.7m -c'
```

gcc: scikits/odes/sundials/ccode.c

In file included from scikits/odes/sundials/ccode.c:672:

In file included from /private/var/folders/sq/21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-dscevc0c/overlay/lib/python3.7/site-packages/numpy/core/include/numpy/arrayobject.h:4:

In file included from /private/var/folders/sq/21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-

```

dscevc0c/overlay/lib/python3.7/site-packages/numpy/
core/include/numpy/ndarrayobject.h:12:
  In file included from /private/var/folders/sq/
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-
dscevc0c/overlay/lib/python3.7/site-packages/numpy/
core/include/numpy/ndarraytypes.h:1830:
  /private/var/folders/sq/
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-
dscevc0c/overlay/lib/python3.7/site-packages/numpy/
core/include/numpy/np_1_7_deprecated_api.h:17:2:
warning: "Using deprecated NumPy API, disable it with
"
      "#define NPY_NO_DEPRECATED_API
NPY_1_7_API_VERSION" [-W#warnings]
  #warning "Using deprecated NumPy API, disable it
with " \
    ^
  scikits/odes/sundials/cvode.c:2933:8: error:
'inline' can only appear on functions
  static CYTHON_INLINE int
(*__pyx_f_7scikits_4odes_8sundials_11common_defs_nv_s
2ndarray)(N_Vector, PyArrayObject *); /*proto*/
    ^
  scikits/odes/sundials/cvode.c:363:27: note:
expanded from macro 'CYTHON_INLINE'
      #define CYTHON_INLINE __inline__ __attribute__
((__unused__))
                                ^
  scikits/odes/sundials/cvode.c:2934:8: error:
'inline' can only appear on functions
  static CYTHON_INLINE int
(*__pyx_f_7scikits_4odes_8sundials_11common_defs_ndar
ray2nv_s)(N_Vector, PyArrayObject *); /*proto*/
    ^
  scikits/odes/sundials/cvode.c:363:27: note:
expanded from macro 'CYTHON_INLINE'
      #define CYTHON_INLINE __inline__ __attribute__
((__unused__))
                                ^
  scikits/odes/sundials/cvode.c:2935:8: error:
'inline' can only appear on functions
  static CYTHON_INLINE int
(*__pyx_f_7scikits_4odes_8sundials_11common_defs_ndar
ray2SUNMatrix)(SUNMatrix, PyArrayObject *); /*proto*/
    ^

```

```
scikits/odes/sundials/cvode.c:363:27: note:
expanded from macro 'CYTHON_INLINE'
    #define CYTHON_INLINE __inline__ __attribute__
((__unused__))
    ^
```

1 warning and 3 errors generated.

```
/private/var/folders/sq/
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-
dscevc0c/overlay/lib/python3.7/site-packages/Cython/
Compiler/Main.py:369: FutureWarning: Cython directive
'language_level' not set, using 2 for now (Py2). This
will change in a later release! File: /private/var/
folders/sq/21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-
install-r01oxdhq/scikits.odes/scikits/odes/sundials/
common_defs.pxd
```

```
tree = Parsing.p_module(s, pxd, full_module_name)
warning: scikits/odes/sundials/common_defs.pxd:
23:28: Declarations should not be declared inline.
warning: scikits/odes/sundials/common_defs.pxd:
24:28: Declarations should not be declared inline.
warning: scikits/odes/sundials/common_defs.pxd:
26:33: Declarations should not be declared inline.
warning: scikits/odes/sundials/common_defs.pxd:
27:33: Declarations should not be declared inline.
warning: scikits/odes/sundials/common_defs.pyx:
121:41: Buffer unpacking not optimized away.
warning: scikits/odes/sundials/common_defs.pyx:
121:41: Buffer unpacking not optimized away.
warning: scikits/odes/sundials/common_defs.pyx:
130:41: Buffer unpacking not optimized away.
warning: scikits/odes/sundials/common_defs.pyx:
130:41: Buffer unpacking not optimized away.
```

```
/private/var/folders/sq/
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-
dscevc0c/overlay/lib/python3.7/site-packages/Cython/
Compiler/Main.py:369: FutureWarning: Cython directive
'language_level' not set, using 2 for now (Py2). This
will change in a later release! File: /private/var/
folders/sq/21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-
install-r01oxdhq/scikits.odes/scikits/odes/sundials/
cvode.pxd
```

```
tree = Parsing.p_module(s, pxd, full_module_name)
warning: scikits/odes/sundials/common_defs.pxd:
23:28: Declarations should not be declared inline.
```

```
warning: scikits/odes/sundials/common_defs.pxd:
24:28: Declarations should not be declared inline.
warning: scikits/odes/sundials/common_defs.pxd:
26:33: Declarations should not be declared inline.
warning: scikits/odes/sundials/common_defs.pxd:
27:33: Declarations should not be declared inline.
/private/var/folders/sq/
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-
dscevc0c/overlay/lib/python3.7/site-packages/Cython/
Compiler/Main.py:369: FutureWarning: Cython directive
'language_level' not set, using 2 for now (Py2). This
will change in a later release! File: /private/var/
folders/sq/21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-
install-r01oxdhq/scikits.odes/scikits/odes/sundials/
ida.pxd
tree = Parsing.p_module(s, pxd, full_module_name)
warning: scikits/odes/sundials/common_defs.pxd:
23:28: Declarations should not be declared inline.
warning: scikits/odes/sundials/common_defs.pxd:
24:28: Declarations should not be declared inline.
warning: scikits/odes/sundials/common_defs.pxd:
26:33: Declarations should not be declared inline.
warning: scikits/odes/sundials/common_defs.pxd:
27:33: Declarations should not be declared inline.
error: Command "gcc -Wno-unused-result -Wsign-
compare -Wunreachable-code -DNDEBUG -g -fwrapv -O3 -
Wall -Wstrict-prototypes -I/Users/najnudel/anaconda2/
envs/test/include -arch x86_64 -I/Users/najnudel/
anaconda2/envs/test/include -arch x86_64 -I/usr/
local/sundials-3.1.1/include -I/usr/local/include -I/
Users/najnudel/anaconda2/envs/test/include -I/
private/var/folders/sq/
21_z0dtj2sgdqtn2h59jgbxw0000gn/T/pip-build-env-
dscevc0c/overlay/lib/python3.7/site-packages/numpy/
core/include -I/Users/najnudel/anaconda2/envs/test/
include/python3.7m -c scikits/odes/sundials/cvode.c -
o build/temp.macosx-10.7-x86_64-3.7/scikits/odes/
sundials/cvode.o -MMD -MF build/temp.macosx-10.7-
x86_64-3.7/scikits/odes/sundials/cvode.o.d" failed
with exit status 1
```

```
-----
ERROR: Failed building wheel for scikits.odes
Running setup.py clean for scikits.odes
Failed to build scikits.odes
```

ERROR: Could not build wheels for scikits.odes which use PEP 517 and cannot be installed directly