

```
[[32;01mThis is VOTCA build.sh, version 2.1.6[[0m
Install prefix is '/home/giesen/git/votca'
[[34;01mUsing 3 jobs for make/ninja[[0m
[[32;01mWorking on tools[[0m
[[34;01mDoing checkout for tools from git://github.com/votca/tools[[0m
[[31;01m(CTRL-C to stop) [[0m[[36m5 [[0m[[36m4 [[0m[[36m3 [[0m[[36m2 [[0m[[36m1
[[0m
Cloning into 'tools'...
[[34;01mcmake -DCMAKE_INSTALL_PREFIX='/home/giesen/git/votca' -DWITH_GMX=OFF -
DCMAKE_INSTALL_RPATH_USE_LINK_PATH=ON /home/giesen/git/votca/src/tools[[0m
-- The C compiler identification is GNU 4.4.7
-- The CXX compiler identification is GNU 4.9.3
-- Check for working C compiler: /usr/bin/cc
-- Check for working C compiler: /usr/bin/cc -- works
-- Detecting C compiler ABI info
-- Detecting C compiler ABI info - done
-- Detecting C compile features
-- Detecting C compile features - done
-- Check for working CXX compiler: /software/lib/Linux-x86_64/gcc-4.9.3/bin/c++
-- Check for working CXX compiler: /software/lib/Linux-x86_64/gcc-4.9.3/bin/c++
-- works
-- Detecting CXX compiler ABI info
-- Detecting CXX compiler ABI info - done
-- Detecting CXX compile features
-- Detecting CXX compile features - done
-- Found Git: /usr/bin/git (found version "2.12.0-355.replication")
-- Looking for pthread.h
-- Looking for pthread.h - found
-- Looking for pthread_create
-- Looking for pthread_create - not found
-- Looking for pthread_create in pthreads
-- Looking for pthread_create in pthreads - not found
-- Looking for pthread_create in pthread
-- Looking for pthread_create in pthread - found
-- Found Threads: TRUE
-- Boost version: 1.62.0
-- Found the following Boost libraries:
--   program_options
--   filesystem
--   system
-- Found PkgConfig: /usr/bin/pkg-config (found version "0.23")
-- Found GSL: /usr/include (found version "1.13")
-- Intel(R) MKL could not be found.
-- GSL found, overloading uBLAS prod()
-- Checking for module 'fftw3'
--   Found fftw3, version 3.2.1
-- Found FFTW3: /usr/lib64/libfftw3.so
-- Looking for fftw_plan_r2r_1d in /usr/lib64/libfftw3.so;
-- Looking for fftw_plan_r2r_1d in /usr/lib64/libfftw3.so; - found
-- Looking for assert.h
-- Looking for assert.h - found
-- Looking for math.h
-- Looking for math.h - found
-- Looking for stdio.h
-- Looking for stdio.h - found
```

```
-- Looking for stdlib.h
-- Looking for stdlib.h - found
-- Looking for string.h
-- Looking for string.h - found
-- Looking for C++ include cmath
-- Looking for C++ include cmath - found
-- Looking for C++ include fstream
-- Looking for C++ include fstream - found
-- Looking for C++ include functional
-- Looking for C++ include functional - found
-- Looking for C++ include iostream
-- Looking for C++ include iostream - found
-- Looking for C++ include limits
-- Looking for C++ include limits - found
-- Looking for C++ include list
-- Looking for C++ include list - found
-- Looking for C++ include map
-- Looking for C++ include map - found
-- Looking for C++ include ostream
-- Looking for C++ include ostream - found
-- Looking for C++ include sstream
-- Looking for C++ include sstream - found
-- Looking for C++ include stack
-- Looking for C++ include stack - found
-- Looking for C++ include stdexcept
-- Looking for C++ include stdexcept - found
-- Looking for C++ include string
-- Looking for C++ include string - found
-- Looking for C++ include vector
-- Looking for C++ include vector - found
-- Looking for sqrt in m
-- Looking for sqrt in m - found
-- Found EXPAT: /usr/lib64/libexpat.so (found version "2.0.1")
-- Checking for module 'sqlite3'
-- Found sqlite3, version 3.6.20
-- Found SQLITE3: /usr/lib64/libsqlite3.so
-- Performing Test HAVE_AIX
-- Performing Test HAVE_AIX - Failed
-- Could NOT find Doxygen (missing: DOXYGEN_EXECUTABLE)
-- Configuring done
-- Generating done
```

CMake Warning:

Manually-specified variables were not used by the project:

WITH_GMX

```
-- Build files have been written to: /home/giesen/git/votca/src/tools/build
[[32;01mcleaning tools[[0m
[[32;01mbuidling tools[[0m
Scanning dependencies of target gitversion
Scanning dependencies of target votca_tools_manpages
[ 0%] Built target votca_tools_manpages
Current git revision is d2163cb
[ 0%] Built target gitversion
```

```
Scanning dependencies of target votca_tools
[ 2%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/akimaspline.cc.o
[ 5%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/application.cc.o
[ 8%] Building CXX object src/libtools/CMakeFiles/votca_tools.dir/colors.cc.o
[ 10%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/correlate.cc.o
[ 13%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/crosscorrelate.cc.o
[ 16%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/cubicspline.cc.o
[ 18%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/datacollection.cc.o
[ 21%] Building CXX object src/libtools/CMakeFiles/votca_tools.dir/globals.cc.o
[ 24%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/histogram.cc.o
[ 27%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/histogramnew.cc.o
[ 29%] Building CXX object src/libtools/CMakeFiles/votca_tools.dir/linalg.cc.o
[ 32%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/linspline.cc.o
[ 35%] Building CXX object src/libtools/CMakeFiles/votca_tools.dir/matrix.cc.o
[ 37%] Building CXX object src/libtools/CMakeFiles/votca_tools.dir/mutex.cc.o
[ 40%] Building CXX object src/libtools/CMakeFiles/votca_tools.dir/parcer.cc.o
[ 43%] Building CXX object src/libtools/CMakeFiles/votca_tools.dir/parsexml.cc.o
[ 45%] Building CXX object src/libtools/CMakeFiles/votca_tools.dir/property.cc.o
[ 48%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/propertyiomanipulator.cc.o
[ 51%] Building CXX object src/libtools/CMakeFiles/votca_tools.dir/random.cc.o
[ 54%] Building CXX object src/libtools/CMakeFiles/votca_tools.dir/random2.cc.o
[ 56%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/rangeparser.cc.o
[ 59%] Building CXX object src/libtools/CMakeFiles/votca_tools.dir/spline.cc.o
[ 62%] Building CXX object src/libtools/CMakeFiles/votca_tools.dir/table.cc.o
[ 64%] Building CXX object src/libtools/CMakeFiles/votca_tools.dir/thread.cc.o
[ 67%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/tokenizer.cc.o
[ 70%] Building CXX object src/libtools/CMakeFiles/votca_tools.dir/version.cc.o
[ 72%] Building CXX object src/libtools/CMakeFiles/votca_tools.dir/database.cc.o
[ 75%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/statement.cc.o
[ 78%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/linalg/gsl/cholesky.cc.o
[ 81%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/linalg/gsl/eigensystems.cc.o
[ 83%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/linalg/gsl/invert.cc.o
[ 86%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/linalg/gsl/qrsolve.cc.o
[ 89%] Building CXX object
src/libtools/CMakeFiles/votca_tools.dir/linalg/gsl/svd.cc.o
[ 91%] Linking CXX shared library libvotca_tools.so
[ 91%] Built target votca_tools
Scanning dependencies of target votca_property
```

```
[ 94%] Building CXX object
src/tools/CMakeFiles/votca_property.dir/votca_property.cc.o
[ 97%] Linking CXX executable votca_property
[ 97%] Built target votca_property
Scanning dependencies of target votca_property_manpage
[100%] Building votca_property manpage
[100%] Built target votca_property_manpage
Scanning dependencies of target manpages
[100%] Built target manpages
[32;01minstalling tools[0m
[ 0%] Built target votca_tools_manpages
Current git revision is d2163cb
[ 0%] Built target gitversion
[ 91%] Built target votca_tools
[ 97%] Built target votca_property
[100%] Built target votca_property_manpage
[100%] Built target manpages
Install the project...
-- Install configuration: "Release"
-- Installing: /home/giesen/git/votca/lib64/libvotca_tools.so.5
-- Installing: /home/giesen/git/votca/lib64/libvotca_tools.so
-- Set runtime path of "/home/giesen/git/votca/lib64/libvotca_tools.so.5" to
"/software/lib/Linux-x86_64/boost_1_62_0/lib"
-- Installing: /home/giesen/git/votca/lib64/pkgconfig/libvotca_tools.pc
-- Installing: /home/giesen/git/votca/bin/votca_property
-- Set runtime path of "/home/giesen/git/votca/bin/votca_property" to
"/software/lib/Linux-x86_64/boost_1_62_0/lib"
-- Installing: /home/giesen/git/votca/share/man/man1/votca_property.1
-- Installing: /home/giesen/git/votca/include/votca/tools/akimaspline.h
-- Installing: /home/giesen/git/votca/include/votca/tools/application.h
-- Installing: /home/giesen/git/votca/include/votca/tools/average.h
-- Installing: /home/giesen/git/votca/include/votca/tools/calculator.h
-- Installing: /home/giesen/git/votca/include/votca/tools/colors.h
-- Installing: /home/giesen/git/votca/include/votca/tools/constants.h
-- Installing: /home/giesen/git/votca/include/votca/tools/correlate.h
-- Installing: /home/giesen/git/votca/include/votca/tools/crosscorrelate.h
-- Installing: /home/giesen/git/votca/include/votca/tools/cubicspline.h
-- Installing: /home/giesen/git/votca/include/votca/tools/database.h
-- Installing: /home/giesen/git/votca/include/votca/tools/datacollection.h
-- Installing: /home/giesen/git/votca/include/votca/tools/getline.h
-- Installing: /home/giesen/git/votca/include/votca/tools/globals.h
-- Installing: /home/giesen/git/votca/include/votca/tools/histogram.h
-- Installing: /home/giesen/git/votca/include/votca/tools/histogramnew.h
-- Installing: /home/giesen/git/votca/include/votca/tools/lexical_cast.h
-- Installing: /home/giesen/git/votca/include/votca/tools/linalg.h
-- Installing: /home/giesen/git/votca/include/votca/tools/linspline.h
-- Installing: /home/giesen/git/votca/include/votca/tools/matrix.h
-- Installing: /home/giesen/git/votca/include/votca/tools/mutex.h
-- Installing: /home/giesen/git/votca/include/votca/tools/objectfactory.h
-- Installing: /home/giesen/git/votca/include/votca/tools/parsexml.h
-- Installing: /home/giesen/git/votca/include/votca/tools/property.h
-- Installing:
/home/giesen/git/votca/include/votca/tools/propertymanipulator.h
-- Installing: /home/giesen/git/votca/include/votca/tools/random.h
-- Installing: /home/giesen/git/votca/include/votca/tools/random2.h
```

```

-- Installing: /home/giesen/git/votca/include/votca/tools/rangeparser.h
-- Installing: /home/giesen/git/votca/include/votca/tools/spline.h
-- Installing: /home/giesen/git/votca/include/votca/tools/statement.h
-- Installing: /home/giesen/git/votca/include/votca/tools/table.h
-- Installing: /home/giesen/git/votca/include/votca/tools/thread.h
-- Installing: /home/giesen/git/votca/include/votca/tools/tokenizer.h
-- Installing: /home/giesen/git/votca/include/votca/tools/types.h
-- Installing: /home/giesen/git/votca/include/votca/tools/vec.h
-- Installing: /home/giesen/git/votca/include/votca/tools/version.h
-- Installing:
/home/giesen/git/votca/include/votca/tools/votca_gsl_boost_ublas_matrix_prod.h
-- Installing: /home/giesen/git/votca/include/votca/tools/votca_config.h
-- Installing: /home/giesen/git/votca/bin/VOTCARC.csh
-- Installing: /home/giesen/git/votca/bin/VOTCARC.bash
-- Installing: /home/giesen/git/votca/share/man/man7/votca-tools.7
[32;01mdone with tools[0m
[34;01msourcing '/home/giesen/git/votca/bin/VOTCARC.bash'[0m
[32;01mWorking on csg[0m
[34;01mDoing checkout for csg from git://github.com/votca/csg[0m
[31;01m(CTRL-C to stop) [0m[36m5 [0m[36m4 [0m[36m3 [0m[36m2 [0m[36m1
[0m
Cloning into 'csg'...
[34;01mcmake -DCMAKE_INSTALL_PREFIX='/home/giesen/git/votca' -DWITH_GMX=OFF -
DCMAKE_INSTALL_RPATH_USE_LINK_PATH=ON /home/giesen/git/votca/src/csg[0m
-- The C compiler identification is GNU 4.4.7
-- The CXX compiler identification is GNU 4.9.3
-- Check for working C compiler: /usr/bin/cc
-- Check for working C compiler: /usr/bin/cc -- works
-- Detecting C compiler ABI info
-- Detecting C compiler ABI info - done
-- Detecting C compile features
-- Detecting C compile features - done
-- Check for working CXX compiler: /software/lib/Linux-x86_64/gcc-4.9.3/bin/c++
-- Check for working CXX compiler: /software/lib/Linux-x86_64/gcc-4.9.3/bin/c++
-- works
-- Detecting CXX compiler ABI info
-- Detecting CXX compiler ABI info - done
-- Detecting CXX compile features
-- Detecting CXX compile features - done
-- Found Git: /usr/bin/git (found version "2.12.0-355.replication")
-- Looking for pthread.h
-- Looking for pthread.h - found
-- Looking for pthread_create
-- Looking for pthread_create - not found
-- Looking for pthread_create in pthreads
-- Looking for pthread_create in pthreads - not found
-- Looking for pthread_create in pthread
-- Looking for pthread_create in pthread - found
-- Found Threads: TRUE
-- Could NOT find TXT2TAGS (missing: TXT2TAGS_EXECUTABLE)
txt2tags not found, help cmake to find it by setting TXT2TAGS_EXECUTABLE
-- Found UnixCommands: /bin/bash
-- Boost version: 1.62.0
-- Found the following Boost libraries:
--   program_options

```

```

-- filesystem
-- system
-- Found PkgConfig: /usr/bin/pkg-config (found version "0.23")
-- Checking for module 'libvotca_tools'
-- Found libvotca_tools, version 1.5-dev
-- Checking for module 'sqlite3'
-- Found sqlite3, version 3.6.20
-- Found SQLITE3: /usr/lib64/libsqlite3.so
-- Found VOTCA_TOOLS: /home/giesen/git/votca/lib64/libvotca_tools.so
-- Looking for VotcaToolsFromC in /home/giesen/git/votca/lib64/libvotca_tools.so
-- Looking for VotcaToolsFromC in /home/giesen/git/votca/lib64/libvotca_tools.so
- found
-- Looking for assert.h
-- Looking for assert.h - found
-- Looking for C++ include algorithm
-- Looking for C++ include algorithm - found
-- Looking for C++ include fstream
-- Looking for C++ include fstream - found
-- Looking for C++ include iomanip
-- Looking for C++ include iomanip - found
-- Looking for C++ include iostream
-- Looking for C++ include iostream - found
-- Looking for C++ include list
-- Looking for C++ include list - found
-- Looking for C++ include map
-- Looking for C++ include map - found
-- Looking for C++ include numeric
-- Looking for C++ include numeric - found
-- Looking for C++ include sstream
-- Looking for C++ include sstream - found
-- Looking for C++ include stdexcept
-- Looking for C++ include stdexcept - found
-- Looking for C++ include string
-- Looking for C++ include string - found
-- Looking for C++ include vector
-- Looking for C++ include vector - found
-- Looking for C++ include cstdlib
-- Looking for C++ include cstdlib - found
-- Looking for sqrt in m
-- Looking for sqrt in m - found
-- Could NOT find HDF5 (missing: HDF5_LIBRARIES HDF5_INCLUDE_DIRS C) (found
version "")
-- Could NOT find Doxygen (missing: DOXYGEN_EXECUTABLE)
-- Configuring done
-- Generating done
-- Build files have been written to: /home/giesen/git/votca/src/csg/build
[[32;01mcleaning csg[[0m
[[32;01mbuidling csg[[0m
Scanning dependencies of target manpages
Scanning dependencies of target csg_inverse_build
Scanning dependencies of target csg_call_build
[ 1%] Generating csg_inverse
[ 1%] Built target manpages
[ 2%] Generating csg_call
Scanning dependencies of target gitversion-csg

```

```
Current git revision is cca00691
Current git revision is cca00691
[ 2%] Built target csg_call_build
[ 2%] Built target csg_inverse_build
Current git revision is cca00691
[ 2%] Built target gitversion-csg
Scanning dependencies of target votca_csg
[ 4%] Building CXX object src/libcsg/CMakeFiles/votca_csg.dir/beadlist.cc.o
[ 5%] Building CXX object src/libcsg/CMakeFiles/votca_csg.dir/cgengine.cc.o
[ 7%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/boundarycondition.cc.o
[ 8%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/cgmoleculedef.cc.o
[ 9%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/csgapplication.cc.o
[ 11%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/exclusionlist.cc.o
[ 12%] Building CXX object src/libcsg/CMakeFiles/votca_csg.dir/imcio.cc.o
[ 14%] Building CXX object src/libcsg/CMakeFiles/votca_csg.dir/map.cc.o
[ 15%] Building CXX object src/libcsg/CMakeFiles/votca_csg.dir/molecule.cc.o
[ 16%] Building CXX object src/libcsg/CMakeFiles/votca_csg.dir/nblist.cc.o
[ 18%] Building CXX object src/libcsg/CMakeFiles/votca_csg.dir/nblistgrid.cc.o
[ 19%] Building CXX object src/libcsg/CMakeFiles/votca_csg.dir/nematicorder.cc.o
[ 21%] Building CXX object src/libcsg/CMakeFiles/votca_csg.dir/openbox.cc.o
[ 22%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/orthorhombicbox.cc.o
[ 23%] Building CXX object src/libcsg/CMakeFiles/votca_csg.dir/topology.cc.o
[ 25%] Building CXX object src/libcsg/CMakeFiles/votca_csg.dir/topologymap.cc.o
[ 26%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/topologyreader.cc.o
[ 28%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/trajectoryreader.cc.o
[ 29%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/trajectorywriter.cc.o
[ 30%] Building CXX object src/libcsg/CMakeFiles/votca_csg.dir/triclinicbox.cc.o
[ 32%] Building CXX object src/libcsg/CMakeFiles/votca_csg.dir/version.cc.o
[ 33%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/potentialfunctions/potentialfunction.cc.o
[ 35%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/potentialfunctions/potentialfunctioncbspl.cc
.o
[ 36%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/potentialfunctions/potentialfunctionlj126.cc
.o
[ 38%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/potentialfunctions/potentialfunctionljg.cc.o
[ 39%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/modules/io/dlpolytopologyreader.cc.o
[ 40%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/modules/io/dlpolytrajectoryreader.cc.o
[ 42%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/modules/io/dlpolytrajectorywriter.cc.o
[ 43%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/modules/io/groreader.cc.o
```

```
[ 45%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/modules/io/growwriter.cc.o
[ 46%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/modules/io/lammpsreader.cc.o
[ 47%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/modules/io/pdbreader.cc.o
[ 49%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/modules/io/pdbwriter.cc.o
[ 50%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/modules/io/xmltopologyreader.cc.o
[ 52%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/modules/io/xyzreader.cc.o
[ 53%] Building CXX object
src/libcsg/CMakeFiles/votca_csg.dir/modules/io/xyzwriter.cc.o
[ 54%] Linking CXX shared library libvotca_csg.so
[ 54%] Built target votca_csg
Scanning dependencies of target csg_stat
[ 56%] Building CXX object src/tools/CMakeFiles/csg_stat.dir/csg_stat.cc.o
Scanning dependencies of target csg_resample
Scanning dependencies of target csg_dump
[ 57%] Building CXX object src/tools/CMakeFiles/csg_dump.dir/csg_dump.cc.o
[ 59%] Building CXX object
src/tools/CMakeFiles/csg_resample.dir/csg_resample.cc.o
[ 60%] Linking CXX executable csg_dump
[ 60%] Built target csg_dump
Scanning dependencies of target csg_property
[ 61%] Building CXX object
src/tools/CMakeFiles/csg_property.dir/csg_property.cc.o
[ 63%] Linking CXX executable csg_resample
[ 63%] Built target csg_resample
Scanning dependencies of target csg_dlptopol
[ 64%] Building CXX object
src/tools/CMakeFiles/csg_dlptopol.dir/csg_dlptopol.cc.o
[ 66%] Building CXX object src/tools/CMakeFiles/csg_stat.dir/csg_stat_imc.cc.o
[ 67%] Linking CXX executable csg_property
[ 67%] Built target csg_property
Scanning dependencies of target csg_reupdate
[ 69%] Building CXX object
src/tools/CMakeFiles/csg_reupdate.dir/csg_reupdate.cc.o
[ 70%] Linking CXX executable csg_dlptopol
[ 70%] Built target csg_dlptopol
Scanning dependencies of target csg_gmxtopol
[ 71%] Building CXX object
src/tools/CMakeFiles/csg_gmxtopol.dir/csg_gmxtopol.cc.o
[ 73%] Linking CXX executable csg_stat
[ 73%] Built target csg_stat
Scanning dependencies of target csg_fmatch
[ 74%] Building CXX object src/tools/CMakeFiles/csg_fmatch.dir/csg_fmatch.cc.o
[ 76%] Linking CXX executable csg_gmxtopol
[ 76%] Built target csg_gmxtopol
Scanning dependencies of target csg_density
[ 77%] Building CXX object src/tools/CMakeFiles/csg_density.dir/csg_density.cc.o
[ 78%] Linking CXX executable csg_reupdate
[ 78%] Built target csg_reupdate
Scanning dependencies of target csg_map
```

```
[ 80%] Building CXX object src/tools/CMakeFiles/csg_map.dir/csg_map.cc.o
[ 81%] Linking CXX executable csg_map
[ 81%] Built target csg_map
Scanning dependencies of target csg_imcrepack
[ 83%] Building CXX object
src/tools/CMakeFiles/csg_imcrepack.dir/csg_imcrepack.cc.o
[ 84%] Linking CXX executable csg_fmatch
[ 84%] Built target csg_fmatch
Scanning dependencies of target csg_boltzmann
[ 85%] Building CXX object
src/csg_boltzmann/CMakeFiles/csg_boltzmann.dir/bondedstatistics.cc.o
[ 87%] Linking CXX executable csg_density
[ 87%] Built target csg_density
Scanning dependencies of target template_serial
[ 88%] Building CXX object
share/template/CMakeFiles/template_serial.dir/template_serial.cc.o
[ 90%] Linking CXX executable csg_imcrepack
[ 90%] Built target csg_imcrepack
Scanning dependencies of target template_threaded
[ 91%] Building CXX object
share/template/CMakeFiles/template_threaded.dir/template_threaded.cc.o
[ 92%] Building CXX object
src/csg_boltzmann/CMakeFiles/csg_boltzmann.dir/main.cc.o
[ 94%] Linking CXX executable template_serial
[ 94%] Built target template_serial
[ 95%] Building CXX object
src/csg_boltzmann/CMakeFiles/csg_boltzmann.dir/stdanalysis.cc.o
[ 97%] Linking CXX executable template_threaded
[ 97%] Built target template_threaded
[ 98%] Building CXX object
src/csg_boltzmann/CMakeFiles/csg_boltzmann.dir/tabulatedpotential.cc.o
[100%] Linking CXX executable csg_boltzmann
[100%] Built target csg_boltzmann
[[32;01minstalling csg[[0m
[ 1%] Built target csg_inverse_build
[ 1%] Built target manpages
[ 2%] Built target csg_call_build
Current git revision is cca00691
[ 2%] Built target gitversion-csg
[ 54%] Built target votca_csg
[ 57%] Built target csg_dump
[ 60%] Built target csg_resample
[ 64%] Built target csg_stat
[ 67%] Built target csg_property
[ 70%] Built target csg_gmxtopol
[ 73%] Built target csg_dlptopol
[ 76%] Built target csg_reupdate
[ 78%] Built target csg_fmatch
[ 81%] Built target csg_map
[ 84%] Built target csg_density
[ 87%] Built target csg_imcrepack
[ 90%] Built target template_serial
[ 92%] Built target template_threaded
[100%] Built target csg_boltzmann
Install the project...
```

```
-- Install configuration: "Release"
-- Installing:
/home/giesen/git/votca/share/votca/template/CMakeModules/FindVOTCA_CSG.cmake
-- Installing:
/home/giesen/git/votca/share/votca/template/CMakeModules/FindVOTCA_TOOLS.cmake
-- Installing:
/home/giesen/git/votca/share/votca/template/CMakeModules/FindSQLITE3.cmake
-- Installing: /home/giesen/git/votca/bin/csg_call
-- Installing: /home/giesen/git/votca/bin/csg_inverse
-- Installing: /home/giesen/git/votca/share/votca/rc/csg-completion.bash
-- Installing: /home/giesen/git/votca/lib64/libvotca_csg.so.5
-- Installing: /home/giesen/git/votca/lib64/libvotca_csg.so
-- Set runtime path of "/home/giesen/git/votca/lib64/libvotca_csg.so.5" to
"/home/giesen/git/votca/lib64:/software/lib/Linux-x86_64/boost_1_62_0/lib"
-- Installing: /home/giesen/git/votca/lib64/pkgconfig/libvotca_csg.pc
-- Installing: /home/giesen/git/votca/bin/csg_reupdate
-- Set runtime path of "/home/giesen/git/votca/bin/csg_reupdate" to
"/home/giesen/git/votca/lib64:/software/lib/Linux-x86_64/boost_1_62_0/lib"
-- Installing: /home/giesen/git/votca/bin/csg_map
-- Set runtime path of "/home/giesen/git/votca/bin/csg_map" to
"/home/giesen/git/votca/lib64:/software/lib/Linux-x86_64/boost_1_62_0/lib"
-- Installing: /home/giesen/git/votca/bin/csg_dump
-- Set runtime path of "/home/giesen/git/votca/bin/csg_dump" to
"/home/giesen/git/votca/lib64:/software/lib/Linux-x86_64/boost_1_62_0/lib"
-- Installing: /home/giesen/git/votca/bin/csg_property
-- Set runtime path of "/home/giesen/git/votca/bin/csg_property" to
"/home/giesen/git/votca/lib64:/software/lib/Linux-x86_64/boost_1_62_0/lib"
-- Installing: /home/giesen/git/votca/bin/csg_resample
-- Set runtime path of "/home/giesen/git/votca/bin/csg_resample" to
"/home/giesen/git/votca/lib64:/software/lib/Linux-x86_64/boost_1_62_0/lib"
-- Installing: /home/giesen/git/votca/bin/csg_stat
-- Set runtime path of "/home/giesen/git/votca/bin/csg_stat" to
"/home/giesen/git/votca/lib64:/software/lib/Linux-x86_64/boost_1_62_0/lib"
-- Installing: /home/giesen/git/votca/bin/csg_fmacth
-- Set runtime path of "/home/giesen/git/votca/bin/csg_fmacth" to
"/home/giesen/git/votca/lib64:/software/lib/Linux-x86_64/boost_1_62_0/lib"
-- Installing: /home/giesen/git/votca/bin/csg_imcrepack
-- Set runtime path of "/home/giesen/git/votca/bin/csg_imcrepack" to
"/home/giesen/git/votca/lib64:/software/lib/Linux-x86_64/boost_1_62_0/lib"
-- Installing: /home/giesen/git/votca/bin/csg_gmxtopol
-- Set runtime path of "/home/giesen/git/votca/bin/csg_gmxtopol" to
"/home/giesen/git/votca/lib64:/software/lib/Linux-x86_64/boost_1_62_0/lib"
-- Installing: /home/giesen/git/votca/bin/csg_dlptopol
-- Set runtime path of "/home/giesen/git/votca/bin/csg_dlptopol" to
"/home/giesen/git/votca/lib64:/software/lib/Linux-x86_64/boost_1_62_0/lib"
-- Installing: /home/giesen/git/votca/bin/csg_density
-- Set runtime path of "/home/giesen/git/votca/bin/csg_density" to
"/home/giesen/git/votca/lib64:/software/lib/Linux-x86_64/boost_1_62_0/lib"
-- Installing: /home/giesen/git/votca/bin/csg_boltzmann
-- Set runtime path of "/home/giesen/git/votca/bin/csg_boltzmann" to
"/home/giesen/git/votca/lib64:/software/lib/Linux-x86_64/boost_1_62_0/lib"
-- Installing: /home/giesen/git/votca/include/votca/csg/bead.h
-- Installing: /home/giesen/git/votca/include/votca/csg/beadlist.h
-- Installing: /home/giesen/git/votca/include/votca/csg/beadpair.h
-- Installing: /home/giesen/git/votca/include/votca/csg/beadtriple.h
```

```
-- Installing: /home/giesen/git/votca/include/votca/csg/beadtype.h
-- Installing: /home/giesen/git/votca/include/votca/csg/boundarycondition.h
-- Installing: /home/giesen/git/votca/include/votca/csg/cgengine.h
-- Installing: /home/giesen/git/votca/include/votca/csg/cgmoleculedef.h
-- Installing: /home/giesen/git/votca/include/votca/csg/cgobserver.h
-- Installing: /home/giesen/git/votca/include/votca/csg/csgapplication.h
-- Installing: /home/giesen/git/votca/include/votca/csg/exclusionlist.h
-- Installing: /home/giesen/git/votca/include/votca/csg/fileformatfactory.h
-- Installing: /home/giesen/git/votca/include/votca/csg/imcio.h
-- Installing: /home/giesen/git/votca/include/votca/csg/interaction.h
-- Installing: /home/giesen/git/votca/include/votca/csg/map.h
-- Installing: /home/giesen/git/votca/include/votca/csg/molecule.h
-- Installing: /home/giesen/git/votca/include/votca/csg/nblast.h
-- Installing: /home/giesen/git/votca/include/votca/csg/nblastgrid.h
-- Installing: /home/giesen/git/votca/include/votca/csg/nematicorder.h
-- Installing: /home/giesen/git/votca/include/votca/csg/openbox.h
-- Installing: /home/giesen/git/votca/include/votca/csg/orthorhombicbox.h
-- Installing: /home/giesen/git/votca/include/votca/csg/pairlist.h
-- Installing: /home/giesen/git/votca/include/votca/csg/potentialfunction.h
-- Installing: /home/giesen/git/votca/include/votca/csg/potentialfunctioncbspl.h
-- Installing: /home/giesen/git/votca/include/votca/csg/potentialfunctionlj126.h
-- Installing: /home/giesen/git/votca/include/votca/csg/potentialfunctionljg.h
-- Installing: /home/giesen/git/votca/include/votca/csg/residue.h
-- Installing: /home/giesen/git/votca/include/votca/csg/topology.h
-- Installing: /home/giesen/git/votca/include/votca/csg/topologyitem.h
-- Installing: /home/giesen/git/votca/include/votca/csg/topologymap.h
-- Installing: /home/giesen/git/votca/include/votca/csg/topologyreader.h
-- Installing: /home/giesen/git/votca/include/votca/csg/trajectoryreader.h
-- Installing: /home/giesen/git/votca/include/votca/csg/trajectorywriter.h
-- Installing: /home/giesen/git/votca/include/votca/csg/triclinicbox.h
-- Installing: /home/giesen/git/votca/include/votca/csg/triplelist.h
-- Installing: /home/giesen/git/votca/include/votca/csg/version.h
-- Up-to-date: /home/giesen/git/votca/include/votca/csg/potentialfunction.h
-- Up-to-date: /home/giesen/git/votca/include/votca/csg/potentialfunctioncbspl.h
-- Up-to-date: /home/giesen/git/votca/include/votca/csg/potentialfunctionlj126.h
-- Up-to-date: /home/giesen/git/votca/include/votca/csg/potentialfunctionljg.h
-- Installing: /home/giesen/git/votca/share/votca/xml/csg_defaults.xml
-- Installing: /home/giesen/git/votca/share/votca/xml/mapping.xml
-- Installing: /home/giesen/git/votca/share/votca/xml/topol.xml
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/csg_table
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/CsgFunctions.pm
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/CsgSimplex.pm
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/linsolve.m
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/imcdata_from_blocks.octave
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/linsolve.octave
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/add_pot_generic.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/calc_density_generic.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/calc_kbint.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/calc_pressure_gromacs.sh
```

```
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/calc_pressure_lammps.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/calc_rdf_generic.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/calc_target_rdf_generic.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/clean_generic.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/convergence_check_default.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/dummy.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/functions_common.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/functions_dlpoly.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/functions_genericsim.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/functions_gromacs.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/imc_purify.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/imc_stat_generic.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/initialize_step_generic.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/initialize_step_genericsim.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/initialize_step_optimizer.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/initialize_step_re.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/inverse.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/optimizer_parameters_to_potential.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/optimizer_prepare_state.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/optimizer_state_to_mapping.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/optimizer_state_to_potentials.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/optimizer_target_density.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/optimizer_target_pressure.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/optimizer_target_rdf.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/post_add.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/post_add_single.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/post_update_generic.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/post_update_generic_single.sh
```

```
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/post_update_re_single.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/postadd_acc_convergence.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/postadd_average.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/postadd_compress.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/postadd_convergence.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/postadd_copyback.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/postadd_dummy.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/postadd_overwrite.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/postadd_plot.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/postadd_shift.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/postupd_addlj.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/postupd_cibi_correction.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/postupd_extrapolate.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/postupd_kbibi_correction.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/postupd_pressure.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/postupd_scale.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/postupd_smooth.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/postupd_splinesmooth.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/potential_extrapolate.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/potential_to_dlpoly.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/potential_to_generic.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/potential_to_gromacs.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/potential_to_lammps.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/potentials_to_dlpoly.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/potentials_to_generic.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/pre_update_re.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/prepare_generic.sh
```

```
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/prepare_generic_single.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/prepare_ibm.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/prepare_imc.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/prepare_optimizer.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/prepare_optimizer_single.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/prepare_re.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/resample_target.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/run_genericsim.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/run_gromacs.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/skeleton.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/solve_matlab.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/solve_numpy.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/solve_octave.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/start_framework.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/table_average.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/table_change_flag.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/table_dummy.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/table_functional.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/tag_file.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/update_ibi.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/update_ibi_single.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/update_ibm.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/update_imc.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/update_optimizer.sh
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/update_optimizer_single.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/update_re.sh
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/add_POT.pl
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/dist_adjust.pl
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/dist_boltzmann_invert.pl
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/dpot_crop.pl
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/kbibi_ramp_correction.pl
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/lj_126.pl
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/merge_tables.pl
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/potential_shift.pl
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/pressure_cor_simple.pl
```

```

-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/pressure_cor_wjk.pl
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/simplex_downhill_processor.pl
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/skeleton.pl
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/table_combine.pl
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/table_extrapolate.pl
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/table_get_value.pl
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/table_integrate.pl
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/table_linearop.pl
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/table_scale.pl
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/table_smooth.pl
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/table_switch_border.pl
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/table_to_tab.pl
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/table_to_xvg.pl
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/tables_jackknife.pl
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/update_ibi_pot.pl
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/cma.py
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/cma_processor.py
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/configuration_compare.py
-- Installing: /home/giesen/git/votca/share/votca/scripts/inverse/linsolve.py
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/table_getsubset.py
-- Installing:
/home/giesen/git/votca/share/votca/scripts/inverse/table_smooth_borders.py
-- Installing: /home/giesen/git/votca/share/votca/template/template_serial.cc
-- Installing: /home/giesen/git/votca/share/votca/template/template_threaded.cc
-- Installing: /home/giesen/git/votca/share/votca/template/CMakeLists.txt
-- Installing: /home/giesen/git/votca/share/votca/template/Makefile
[32;01mdone with csg[0m
[34;01msourcing '/home/giesen/git/votca/bin/VOTCARC.bash'[0m
[32;01mWorking on kmc[0m
[34;01mDoing checkout for kmc from git://github.com/votca/kmc[0m
[31;01m(CTRL-C to stop) [0m[36m5 [0m[36m4 [0m[36m3 [0m[36m2 [0m[36m1
[0m
Cloning into 'kmc'...
[34;01mcmake -DCMAKE_INSTALL_PREFIX='/home/giesen/git/votca' -DWITH_GMX=OFF -
DCMAKE_INSTALL_RPATH_USE_LINK_PATH=ON /home/giesen/git/votca/src/kmc[0m
-- The C compiler identification is GNU 4.4.7
-- The CXX compiler identification is GNU 4.9.3
-- Check for working C compiler: /usr/bin/cc
-- Check for working C compiler: /usr/bin/cc -- works

```

```
-- Detecting C compiler ABI info
-- Detecting C compiler ABI info - done
-- Detecting C compile features
-- Detecting C compile features - done
-- Check for working CXX compiler: /software/lib/Linux-x86_64/gcc-4.9.3/bin/c++
-- Check for working CXX compiler: /software/lib/Linux-x86_64/gcc-4.9.3/bin/c++
-- works
-- Detecting CXX compiler ABI info
-- Detecting CXX compiler ABI info - done
-- Detecting CXX compile features
-- Detecting CXX compile features - done
-- Found Git: /usr/bin/git (found version "2.12.0-355.replication")
-- Boost version: 1.62.0
-- Found the following Boost libraries:
--   program_options
--   serialization
-- Found PkgConfig: /usr/bin/pkg-config (found version "0.23")
-- Checking for module 'libvotca_tools'
--   Found libvotca_tools, version 1.5-dev
-- Checking for module 'sqlite3'
--   Found sqlite3, version 3.6.20
-- Found SQLITE3: /usr/lib64/libsqlite3.so
-- Found VOTCA_TOOLS: /home/giesen/git/votca/lib64/libvotca_tools.so
-- Looking for VotcaToolsFromC in /home/giesen/git/votca/lib64/libvotca_tools.so
-- Looking for VotcaToolsFromC in /home/giesen/git/votca/lib64/libvotca_tools.so
- found
-- Looking for assert.h
-- Looking for assert.h - found
-- Looking for C++ include algorithm
-- Looking for C++ include algorithm - found
-- Looking for sqrt in m
-- Looking for sqrt in m - found
-- Configuring done
-- Generating done
CMake Warning:
  Manually-specified variables were not used by the project:
```

```
    WITH_GMX
```

```
-- Build files have been written to: /home/giesen/git/votca/src/kmc/build
[32;01mcleaning kmc[0m
[32;01mbuidling kmc[0m
Scanning dependencies of target gitversion-kmc
Current git revision is 1d3965d
[ 0%] Built target gitversion-kmc
Scanning dependencies of target votca_kmc
[ 14%] Building CXX object
src/libkmc/CMakeFiles/votca_kmc.dir/kmcapplication.cc.o
[ 28%] Building CXX object
src/libkmc/CMakeFiles/votca_kmc.dir/kmccalculatorfactory.cc.o
[ 42%] Building CXX object src/libkmc/CMakeFiles/votca_kmc.dir/version.cc.o
[ 57%] Linking CXX shared library libvotca_kmc.so
[ 57%] Built target votca_kmc
Scanning dependencies of target kmc_run
```

```
[ 71%] Building CXX object src/tools/CMakeFiles/kmc_run.dir/kmc_run.cc.o
[ 85%] Linking CXX executable kmc_run
[ 85%] Built target kmc_run
Scanning dependencies of target kmc_run_manpage
[100%] Building kmc_run manpage
[100%] Built target kmc_run_manpage
Scanning dependencies of target manpages
[100%] Built target manpages
[32;01minstalling kmc[0m
Current git revision is 1d3965d
[ 0%] Built target gitversion-kmc
[ 57%] Built target votca_kmc
[ 85%] Built target kmc_run
[100%] Built target kmc_run_manpage
[100%] Built target manpages
Install the project...
-- Install configuration: ""
-- Installing: /home/giesen/git/votca/include/votca/kmc/ImagePotential.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/bsumtree.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/carrier.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/electrode.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/event.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/events.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/globaleventinfo.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/graph.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/kmcapplication.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/kmccalculator.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/kmccalculatorfactory.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/lattice.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/longrange.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/node.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/ratecalculator.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/rates.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/state.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/store.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/version.h
-- Installing: /home/giesen/git/votca/include/votca/kmc/vssmgroup.h
-- Installing: /home/giesen/git/votca/lib64/libvotca_kmc.so
-- Set runtime path of "/home/giesen/git/votca/lib64/libvotca_kmc.so" to
"/home/giesen/git/votca/lib64"
-- Installing: /home/giesen/git/votca/lib64/pkgconfig/libvotca_kmc.pc
-- Installing: /home/giesen/git/votca/bin/kmc_run
-- Set runtime path of "/home/giesen/git/votca/bin/kmc_run" to
"/home/giesen/git/votca/lib64:/software/lib/Linux-x86_64/boost_1_62_0/lib"
-- Installing: /home/giesen/git/votca/share/man/man1/kmc_run.1
-- Installing: /home/giesen/git/votca/share/votca/kmc/xml/diffusion.xml
-- Installing: /home/giesen/git/votca/share/votca/kmc/xml/diode.xml
-- Installing: /home/giesen/git/votca/share/votca/kmc/xml/kmclight.xml
-- Installing: /home/giesen/git/votca/share/votca/kmc/xml/kmcmultiple.xml
-- Installing: /home/giesen/git/votca/share/votca/kmc/xml/kmcparallel.xml
-- Installing: /home/giesen/git/votca/share/votca/kmc/xml/kmcsingle.xml
[32;01mdone with kmc[0m
[34;01msourcing '/home/giesen/git/votca/bin/VOTCARC.bash'[0m
[32;01mWorking on moo[0m
[34;01mDoing checkout for moo from git://github.com/votca/moo[0m
```

```

[31;01m(CTRL-C to stop) [0m[36m5 [0m[36m4 [0m[36m3 [0m[36m2 [0m[36m1
[0m
Cloning into 'moo'...
[34;01mcmake -DCMAKE_INSTALL_PREFIX='/home/giesen/git/votca' -DWITH_GMX=OFF -
DCMAKE_INSTALL_RPATH_USE_LINK_PATH=ON /home/giesen/git/votca/src/moo[0m
-- The C compiler identification is GNU 4.4.7
-- The CXX compiler identification is GNU 4.9.3
-- Check for working C compiler: /usr/bin/cc
-- Check for working C compiler: /usr/bin/cc -- works
-- Detecting C compiler ABI info
-- Detecting C compiler ABI info - done
-- Detecting C compile features
-- Detecting C compile features - done
-- Check for working CXX compiler: /software/lib/Linux-x86_64/gcc-4.9.3/bin/c++
-- Check for working CXX compiler: /software/lib/Linux-x86_64/gcc-4.9.3/bin/c++
-- works
-- Detecting CXX compiler ABI info
-- Detecting CXX compiler ABI info - done
-- Detecting CXX compile features
-- Detecting CXX compile features - done
-- Boost version: 1.62.0
-- Found the following Boost libraries:
--   program_options
-- Found PkgConfig: /usr/bin/pkg-config (found version "0.23")
-- Checking for module 'libvotca_tools'
--   Found libvotca_tools, version 1.5-dev
-- Checking for module 'sqlite3'
--   Found sqlite3, version 3.6.20
-- Found SQLITE3: /usr/lib64/libsqlite3.so
-- Found VOTCA_TOOLS: /home/giesen/git/votca/lib64/libvotca_tools.so
-- Looking for VotcaToolsFromC in /home/giesen/git/votca/lib64/libvotca_tools.so
-- Looking for VotcaToolsFromC in /home/giesen/git/votca/lib64/libvotca_tools.so
- found
-- Looking for assert.h
-- Looking for assert.h - found
-- Looking for C++ include algorithm
-- Looking for C++ include algorithm - found
-- Looking for sqrt in m
-- Looking for sqrt in m - found
-- Configuring done
-- Generating done
CMake Warning:
  Manually-specified variables were not used by the project:

    WITH_GMX

-- Build files have been written to: /home/giesen/git/votca/src/moo/build
[32;01mcleaning moo[0m
[32;01mbuidling moo[0m
Scanning dependencies of target votca_moo
[ 7%] Building CXX object src/libmoo/CMakeFiles/votca_moo.dir/crgunit.cc.o
[ 14%] Building CXX object src/libmoo/CMakeFiles/votca_moo.dir/crgunittype.cc.o
[ 21%] Building CXX object src/libmoo/CMakeFiles/votca_moo.dir/fock.cc.o
[ 28%] Building CXX object src/libmoo/CMakeFiles/votca_moo.dir/jcalc.cc.o

```

```

[ 35%] Building CXX object src/libmoo/CMakeFiles/votca_moo.dir/jcalc2.cc.o
[ 42%] Building CXX object src/libmoo/CMakeFiles/votca_moo.dir/units.cc.o
[ 50%] Building CXX object src/libmoo/CMakeFiles/votca_moo.dir/version.cc.o
[ 57%] Building CXX object src/libmoo/CMakeFiles/votca_moo.dir/basis_set.cpp.o
[ 64%] Building CXX object src/libmoo/CMakeFiles/votca_moo.dir/charges.cpp.o
[ 71%] Building CXX object src/libmoo/CMakeFiles/votca_moo.dir/mol_and_orb.cpp.o
[ 78%] Building CXX object src/libmoo/CMakeFiles/votca_moo.dir/orbitals.cpp.o
[ 85%] Linking CXX shared library libvotca_moo.so
[ 85%] Built target votca_moo
Scanning dependencies of target moo_overlap
[ 92%] Building CXX object src/tools/CMakeFiles/moo_overlap.dir/moo_overlap.cc.o
[100%] Linking CXX executable moo_overlap
[100%] Built target moo_overlap
[32;0lminstalling moo[0m
[ 85%] Built target votca_moo
[100%] Built target moo_overlap
Install the project...
-- Install configuration: ""
-- Installing: /home/giesen/git/votca/include/votca/moo/basis_set.h
-- Installing: /home/giesen/git/votca/include/votca/moo/charges.h
-- Installing: /home/giesen/git/votca/include/votca/moo/crgunit.h
-- Installing: /home/giesen/git/votca/include/votca/moo/crgunittype.h
-- Installing: /home/giesen/git/votca/include/votca/moo/fock.h
-- Installing: /home/giesen/git/votca/include/votca/moo/global.h
-- Installing: /home/giesen/git/votca/include/votca/moo/jcalc.h
-- Installing: /home/giesen/git/votca/include/votca/moo/jcalc2.h
-- Installing: /home/giesen/git/votca/include/votca/moo/mol_and_orb.h
-- Installing: /home/giesen/git/votca/include/votca/moo/orbitals.h
-- Installing: /home/giesen/git/votca/include/votca/moo/units.h
-- Installing: /home/giesen/git/votca/lib64/libvotca_moo.so
-- Set runtime path of "/home/giesen/git/votca/lib64/libvotca_moo.so" to
"/home/giesen/git/votca/lib64"
-- Installing: /home/giesen/git/votca/lib64/pkgconfig/libvotca_moo.pc
-- Installing: /home/giesen/git/votca/bin/moo_overlap
-- Set runtime path of "/home/giesen/git/votca/bin/moo_overlap" to
"/software/lib/Linux-x86_64/boost_1_62_0/lib:/home/giesen/git/votca/lib64"
-- Installing: /home/giesen/git/votca/share/votca/moo/xml/INDOParameters.xml
[32;0lmdone with moo[0m
[34;0lmsourcing '/home/giesen/git/votca/bin/VOTCARC.bash'[0m
[32;0lmWorking on ctp[0m
[34;0lmDoing checkout for ctp from git://github.com/votca/ctp[0m
[31;0lm(CTRL-C to stop) [0m[36m5 [0m[36m4 [0m[36m3 [0m[36m2 [0m[36m1
[0m
Cloning into 'ctp'...
[34;0lmcmake -DCMAKE_INSTALL_PREFIX='/home/giesen/git/votca' -DWITH_GMX=OFF -
DCMAKE_INSTALL_RPATH_USE_LINK_PATH=ON /home/giesen/git/votca/src/ctp[0m
-- The C compiler identification is GNU 4.4.7
-- The CXX compiler identification is GNU 4.9.3
-- Check for working C compiler: /usr/bin/cc
-- Check for working C compiler: /usr/bin/cc -- works
-- Detecting C compiler ABI info
-- Detecting C compiler ABI info - done
-- Detecting C compile features
-- Detecting C compile features - done
-- Check for working CXX compiler: /software/lib/Linux-x86_64/gcc-4.9.3/bin/c++

```

```
-- Check for working CXX compiler: /software/lib/Linux-x86_64/gcc-4.9.3/bin/c++
-- works
-- Detecting CXX compiler ABI info
-- Detecting CXX compiler ABI info - done
-- Detecting CXX compile features
-- Detecting CXX compile features - done
-- Found OpenMP_C: -fopenmp (found version "3.0")
-- Found OpenMP_CXX: -fopenmp (found version "4.0")
-- Found OpenMP: TRUE (found version "3.0")
-- Found Git: /usr/bin/git (found version "2.12.0-355.replication")
-- Boost version: 1.62.0
-- Found the following Boost libraries:
--   program_options
--   serialization
--   filesystem
--   timer
--   system
-- Found PkgConfig: /usr/bin/pkg-config (found version "0.23")
-- Checking for module 'libvotca_tools'
--   Found libvotca_tools, version 1.5-dev
-- Checking for module 'sqlite3'
--   Found sqlite3, version 3.6.20
-- Found SQLITE3: /usr/lib64/libsqlite3.so
-- Found VOTCA_TOOLS: /home/giesen/git/votca/lib64/libvotca_tools.so
-- Looking for VotcaToolsFromC in /home/giesen/git/votca/lib64/libvotca_tools.so
-- Looking for VotcaToolsFromC in /home/giesen/git/votca/lib64/libvotca_tools.so
- found
-- Checking for module 'libvotca_csg'
--   Found libvotca_csg, version 1.5-dev
-- Found VOTCA_CSG: /home/giesen/git/votca/lib64/libvotca_csg.so
-- Looking for VotcaCsgFromC in /home/giesen/git/votca/lib64/libvotca_csg.so
-- Looking for VotcaCsgFromC in /home/giesen/git/votca/lib64/libvotca_csg.so -
found
-- Checking for module 'libvotca_moo'
--   Found libvotca_moo, version 1.3-dev
-- Found VOTCA_MOO: /home/giesen/git/votca/lib64/libvotca_moo.so
-- Looking for VotcaMooFromC in /home/giesen/git/votca/lib64/libvotca_moo.so;
-- Looking for VotcaMooFromC in /home/giesen/git/votca/lib64/libvotca_moo.so; -
found
-- Looking for assert.h
-- Looking for assert.h - found
-- Looking for C++ include algorithm
-- Looking for C++ include algorithm - found
-- Looking for sqrt in m
-- Looking for sqrt in m - found
-- Intel(R) MKL could not be found.
-- Could NOT find Doxygen (missing: DOXYGEN_EXECUTABLE)
-- Configuring done
-- Generating done
CMake Warning:
  Manually-specified variables were not used by the project:
```

```
WITH_GMX
```

```
-- Build files have been written to: /home/giesen/git/votca/src/ctp/build
[[32;01mcleaning ctp[[0m
[[32;01mbuidling ctp[[0m
Scanning dependencies of target ctp_testsuite
Scanning dependencies of target manpages
Scanning dependencies of target ctp_update
[ 0%] Built target manpages
Current git revision is b74910bc
Current git revision is b74910bc
Scanning dependencies of target gitversion-ctp
[ 0%] Built target ctp_testsuite
[ 0%] Built target ctp_update
Current git revision is b74910bc
[ 0%] Built target gitversion-ctp
Scanning dependencies of target votca_ctp
[ 1%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/apolarsite.cc.o
[ 3%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/calculatorfactory.cc.o
[ 4%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/calculators/eoutersphere.cc.o
[ 6%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/calculators/jobwriter.cc.o
[ 7%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/ctppapplication.cc.o
[ 9%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/ewald2d.cc.o
[ 10%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/ewald3d.cc.o
[ 12%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/ewaldactor.cc.o
[ 14%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/ewaldnd.cc.o
[ 15%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/ewdspace.cc.o
[ 17%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/extractorfactory.cc.o
[ 18%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/fragment.cc.o
[ 20%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/job.cc.o
[ 21%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/jobapplication.cc.o
[ 23%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/jobcalculatorfactory.cc.o
[ 25%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/jobcalculators/dma.cc.o
[ 26%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/jobcalculators/idft.cc.o
[ 28%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/molecule.cc.o
[ 29%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/molpolengine.cc.o
[ 31%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/orbitals.cc.o
[ 32%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/overlap.cc.o
[ 34%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/parallelpaircalc.cc.o
[ 35%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/parallelxjobcalc.cc.o
[ 37%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/pewald3d.cc.o
[ 39%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/poissongrid.cc.o
[ 40%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/polarbackground.cc.o
[ 42%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/polarfrag.cc.o
[ 43%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/polarseg.cc.o
```

```
[ 45%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/polarsite.cc.o
[ 46%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/polartop.cc.o
[ 48%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/progressobserver.cc.o
[ 50%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/qmcalculator.cc.o
[ 51%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/qmdatabase.cc.o
[ 53%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/qmmachine.cc.o
[ 54%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/qmnblast.cc.o
[ 56%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/qmpackagefactory.cc.o
[ 57%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/qmpackages/gaussian.cc.o
[ 59%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/qmpackages/nwchem.cc.o
[ 60%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/qmpackages/turbomole.cc.o
[ 62%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/qmpair.cc.o
[ 64%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/qmtool.cc.o
[ 65%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/segment.cc.o
[ 67%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/sqlapplication.cc.o
[ 68%] Building CXX object
src/libctp/CMakeFiles/votca_ctp.dir/statesaversqlite.cc.o
[ 70%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/toolfactory.cc.o
[ 71%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/tools/molpol.cc.o
[ 73%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/topology.cc.o
[ 75%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/version.cc.o
[ 76%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/xinductor.cc.o
[ 78%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/xinteractor.cc.o
[ 79%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/xjob.cc.o
[ 81%] Building CXX object src/libctp/CMakeFiles/votca_ctp.dir/xmapper.cc.o
[ 82%] Linking CXX shared library libvotca_ctp.so
[ 82%] Built target votca_ctp
Scanning dependencies of target ctp_tools
[ 84%] Building CXX object src/tools/CMakeFiles/ctp_tools.dir/ctp_tools.cc.o
Scanning dependencies of target ctp_map
Scanning dependencies of target ctp_parallel
[ 85%] Building CXX object
src/tools/CMakeFiles/ctp_parallel.dir/ctp_parallel.cc.o
[ 87%] Building CXX object src/tools/CMakeFiles/ctp_map.dir/ctp_map.cc.o
[ 89%] Linking CXX executable ctp_parallel
../libctp/libvotca_ctp.so: error: undefined reference to
'boost::system::generic_category()'
../libctp/libvotca_ctp.so: error: undefined reference to
'boost::system::system_category()'
../libctp/libvotca_ctp.so: error: undefined reference to
'gsl_matrix_const_view_array'
../libctp/libvotca_ctp.so: error: undefined reference to 'gsl_matrix_view_array'
../libctp/libvotca_ctp.so: error: undefined reference to 'gsl_blas_dgemm'
collect2: error: ld returned 1 exit status
make[2]: *** [src/tools/ctp_parallel] Error 1
make[1]: *** [src/tools/CMakeFiles/ctp_parallel.dir/all] Error 2
make[1]: *** Waiting for unfinished jobs....
[ 90%] Building CXX object src/tools/CMakeFiles/ctp_map.dir/Md2QmEngine.cc.o
[ 92%] Linking CXX executable ctp_tools
```

```
../libctp/libvotca_ctp.so: error: undefined reference to
'boost::system::generic_category()'
../libctp/libvotca_ctp.so: error: undefined reference to
'boost::system::system_category()'
../libctp/libvotca_ctp.so: error: undefined reference to
'gsl_matrix_const_view_array'
../libctp/libvotca_ctp.so: error: undefined reference to 'gsl_matrix_view_array'
../libctp/libvotca_ctp.so: error: undefined reference to 'gsl_blas_dgemm'
collect2: error: ld returned 1 exit status
make[2]: *** [src/tools/ctp_tools] Error 1
make[1]: *** [src/tools/CMakeFiles/ctp_tools.dir/all] Error 2
[ 93%] Linking CXX executable ctp_map
../libctp/libvotca_ctp.so: error: undefined reference to
'boost::system::generic_category()'
../libctp/libvotca_ctp.so: error: undefined reference to
'boost::system::system_category()'
../libctp/libvotca_ctp.so: error: undefined reference to
'gsl_matrix_const_view_array'
../libctp/libvotca_ctp.so: error: undefined reference to 'gsl_matrix_view_array'
../libctp/libvotca_ctp.so: error: undefined reference to 'gsl_blas_dgemm'
collect2: error: ld returned 1 exit status
make[2]: *** [src/tools/ctp_map] Error 1
make[1]: *** [src/tools/CMakeFiles/ctp_map.dir/all] Error 2
make: *** [all] Error 2
```