nac2cdfg help

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The usage of the *nac2cdfg* is as follows:

```
nac2cdfg [options] input.nac
```

where `options` is one or more of the following:

-d Enable debug output.

-force-data-types Force predefined data types as given in NAC code. Essentially disables the effect both interval analysis and the alternative of using the unknown data type `na`.

-permissive Allows non-strict forms and macrostatements of the NAC programming language.

-ssa Internal construction of SSA (Static Single Assignment) form.

-pseudo-ssa Internal construction of local SSA-like form.

-use-appel Enables SSA construction using Appel's algorithm.

-use-aycockhorspool Enables SSA construction using the Aycock-Horspool algorithm (default).

-opt-spbb Enables optimization 3 as discussed in the Aycock-Horspool paper, which omits generating phi statements for single-predecessor BBs. Supported only with -use-appel and -keep-ssa.

-keep-ssa Does not perform out-of-SSA conversion and thus keeps PHI statements in the generated CDFGs.

-limit-nacs Limits the number of NACs in a translation unit to NAC_LIMIT (about 25).

-emit-nac Emit the equivalent NAC program after processing (including SSA conversion, if enabled).

-emit-ansic Emit the equivalent ANSI C program after processing (including SSA conversion, if enabled).

-emit-cfg Generate the Graphviz representations for all procedure CFGs.

-dump-varnum-nac Dump the equivalent NAC program after SSA variable numbering.

-dump-phiins-nac Dump the equivalent NAC program after SSA PHI insertion.

-dump-phimin-nac Dump the equivalent NAC program after SSA PHI minimization.

-dump-phielm-nac Dump the equivalent NAC program after SSA PHI elimination.

-dump-simdce-nac Dump the equivalent NAC program after post-SSA dead code elimination.

-dump-tgf Dump TGF (Trivial Graph Format) representations of program information.

-dump-arg Dump ARG (attributed relational graph) representations of program information.

-dump-grh Dump simple edge-list representations of program information.

-dump-poset Dump poset (.p) file representations of program information.