

The specification of our program environment is:

Microsoft Visual Studio 2008, version 9.0.30729.1 SP1

with

Intel (R) Visual Fortran Compiler Integration, packadge ID: w_cprof_p_11.0.066

The basic program is presented in the **General** directory.

The **ABCD** directory contains the program CochOae99, which generates the responses that are analysed by ABCD, for stimulus values specified for CochOae99.

Both directories contain organized subdirectories.

ABCD:

The ABCD section duration is specified in the data module, and is currently set to 80 ms. The classical setting is 40 ms.

The program ABCD reads the parameters and the data generated by CochOae99, and computes the residue.

Finally, Fig05 provides an option to generate response figures. However, it also includes the ABCD computation as a subroutine, thereby combining the operations.

The files that direct the compilation of the source(s) and additional modules contain information about the specific location of those modules, and have to be corrected -either automatically or by hand- in a new environment.

The general cochlea program:

The program used in CochOEA99 is almost identical to the general version, which is used for the PTPV paradigm. In that case additional programs are used to automate the generation and processing of the different parameter files. This is the program discussed in the manual.

The most advanced application is RunLoop. This generates the necessary parameter files, and subsequently runs the cochlea programs (without visual gui). It presents the option to select either changes in stimulus level or changes in stimulus frequency, and rotation of phases.

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