

ACC is

aspect-oriented extension to C
ANSI-C compliant
gcc source-compatible
platform independent
based on source-to-source transformation
an open source compiler

ACC enables

modularization of crosscutting concern in C
concern separation in imperative programs
creation of highly customizable software
development of software product lines in C

ACC supports

function call/execution join point
variable set/get join point
join points capture in function and files
primitive, composite, and named pointcuts
pointcut matching by wildcard characters
cflow() pointcut
before, after, and around advice
exception handling: try,catch,throw
proceed(), prereturn() in advice
static crosscutting by introduce() advice

Download at www.AspectC.net