

# z/TPF GCC Compiler Distribution and Support Offering

## ◆ Offering:

- ◆ Provide a process to obtain the components needed to properly build a GCC cross compiler for the z/TPF target operating system:
  - ◆ GCC, the GNU C compiler
  - ◆ G++, the GNU C++ compiler
  - ◆ GAS, the GNU assembler
  - ◆ LD, the GNU linker
  - ◆ The collection of binary utilities known as binutils
  - ◆ GLIBC and LIBSTDC++ libraries
  - ◆ Documentation describing how to build a cross compiler for the z/TPF system.
- ◆ Provide a supported version of the GCC compiler and a subscription to future updates of the compiler which have been tested with the corresponding future updates of the z/TPF target operating system
- ◆ Provide files that incorporate all known fixes for the compiler as tested with the z/TPF target operating system
- ◆ Provide compiler binaries, also known as a pre-built cross compiler, for the z/TPF target operating system using either a Linux for z/Series host, or a Linux host on an Intel/AMD platform
- ◆ All materials are provided via a third party vendor.

## ◆ Support Services:

- ◆ Provide program defect support services for problems found with the Compiler and Utilities
- ◆ Provide a new release and/or version of the GNUPro toolchain for z/TPF, if available
- ◆ Provide compiler and utilities documentation as part of, and shipped with, the GCC compiler in the form of Linux info pages.

## ◆ Term:

- ◆ One year, renewable annually.

## ◆ Cost:

- ◆ Dependent on the number of developer seats to be covered under the agreement. A Developer seat is defined as any developer who utilizes the GCC Compiler.

## ◆ Problem Reporting Mechanism

- ◆ Problems will be reported, using standard IBM/TPF problem reporting processes, through the IBM Support Center or online via <http://www.ibm.com/software/hwp/tpf/pages/support.htm>.