FUNCTIONS WITH DATA

AN N3780 OVE

N3781 - BJÖRKUS "THEP

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CLOSURES HAVE A

IN C

FOUR DISTINCT EXISTI

- Plain C
- GNU Nested Functions (GCC-specific, Clang ref
- Apple Blocks (Clang-specific, removed from GC
- Lambdas

FOUR DISTINCT EXIST

- Plain C
  - `static` data transport subtype
  - `thread_local` data transport subtype
  - T* (specific)/`void*` (general) user data func

FOUR DISTINCT EXIST

- GNU Nested Functions (GCC-specific, Clang refu
  - Declaration-based
  - Trampolines (stack or heap) control behavior
  - `__builtin_with_static_chain` comp
  - By-reference/by-name stack data subtype
  - Forward-declarable with `auto`