

Personality Routine

```
_Unwind_Reason_Code (*__personality_routine)  
    (int version,  
     _Unwind_Action actions,  
     uint64_t exceptionClass,  
     struct _Unwind_Exception *exceptionObject,  
     struct _Unwind_Context *context);
```

Let's look at `ctest/libgcc`

gxx_personality_v0



Personality Routine

```
                                __gxx_personality_v0
_Unwind_Reason_Code (*__personality_routine)
(int version,
 _Unwind_Action actions,
 uint64 exceptionClass,
 struct _Unwind_Exception *exceptionObject,
 struct _Unwind_Context *context);
```

Let's look at c++/libgcc

Personality Routine

```
_Unwind_Reason_Code (*__gxx_personality_v0)
(int version,
 _Unwind_Action actions,
 uint64 exceptionClass,
 struct _Unwind_Exception *exceptionObject,
 struct _Unwind_Context *context);
```

```
typedef enum
{
    _URC_NO_REASON = 0,
    _URC_FOREIGN_EXCEPTION_CAUGHT = 1,
    _URC_FATAL_PHASE2_ERROR = 2,
    _URC_FATAL_PHASE1_ERROR = 3,
    _URC_NORMAL_STOP = 4,
    _URC_END_OF_STACK = 5,
    _URC_HANDLER_FOUND = 6,
    _URC_INSTALL_CONTEXT = 7,
    _URC_CONTINUE_UNWIND = 8
} _Unwind_Reason_Code;
```