

installing Context

```
_Unwind_Reason_Code __gxx_personality_v0 (...) {  
    // ...  
    install_context:  
    // ...  
    _Unwind_SetGR (context, __builtin_eh_return_data_regno (0),  
                   __builtin_extend_pointer (ue_header));  
    _Unwind_SetGR (context, __builtin_eh_return_data_regno (1),  
                   handler_switch_value);  
    _Unwind_SetIP (context, landing_pad);  
    return _URC_INSTALL_CONTEXT;  
}
```

RAx

RD*

RIP

Installing Context

```
_Unwind_Reason_Code __gxx_personality_v0 (...) {  
    // ...  
    install_context:  
    // ...  
    _Unwind_SetGR (context, __builtin_eh_return_data_regno (0),  
                   __builtin_extend_pointer (ue_header));  
    _Unwind_SetGR (context, __builtin_eh_return_data_regno (1),  
                   handler_switch_value);  
    _Unwind_SetIP (context, landing_pad);  
    return _URC_INSTALL_CONTEXT;  
}
```

RAX

RDX

RIP

Installing Context

```
_Unwind_Reason_Code __gxx_personality_v0 (...) {  
    // ...  
    install_context:                                Exception Object  
    // ...  
    _Unwind_SetGR (context, __builtin_eh_return_data_regno (0),    RAX  
                    __builtin_extend_pointer (ue_header));  
    _Unwind_SetGR (context, __builtin_eh_return_data_regno (1),    RDX  
                    handler_switch_value);  
    _Unwind_SetIP (context, landing_pad);                        RIP  
    return _URC_INSTALL_CONTEXT;  
}
```