

## Application Code

```
int call() {  
    prepare call arguments  
    try {  
        EENTER  
        RCX: AEP | RBX: TCS  
        store call results  
    } catch (AEX e) {  
        Resumable exception?  
        Yes  
        return ERROR;  
        ERESUME  
        RCX: AEP | RBX: TCS  
        store call results  
    }  
    return SUCCESS;  
}
```

## System Software

### Hardware Exception Handler

```
void handler() {  
    save GPRs  
    handle exception  
    restore GPRs  
    IRET  
}
```

