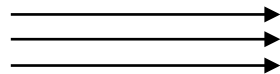


CUDA Documentation

```
cudaError_t cudaMemcpy (void *dst,  
                        const void *src,  
                        size_t count,  
                        enum cudaMemcpyKind kind)  
  
{  
    ...  
}
```

Extract/Identify
structure/properties



Adding
assertions



Qt Operational Model

```
cudaError_t cudaMemcpy(void *dst, const void *src,  
                       size_t size, enum cudaMemcpyKind kind){  
    __ESBMC_assert(size > 0, "Size must be greater than zero");  
    char *cdst = (char*) dst;  
    const char *csrc = (const char*) src;  
    int numbytes = count/(sizeof(char));  
    for (int i = 0; i < numbytes; i++)  
        cdst[i] = csrc[i];  
    lastError = CUDA_SUCCESS;  
    return CUDA_SUCCESS ;  
}
```