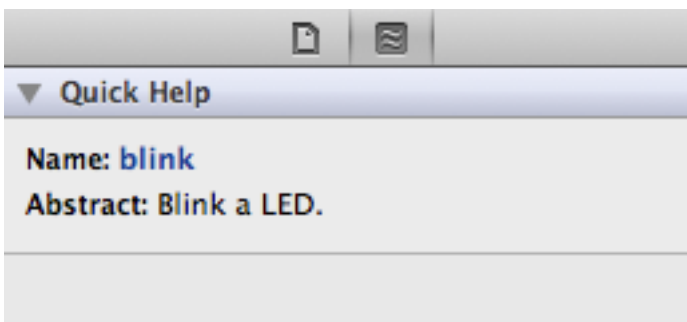


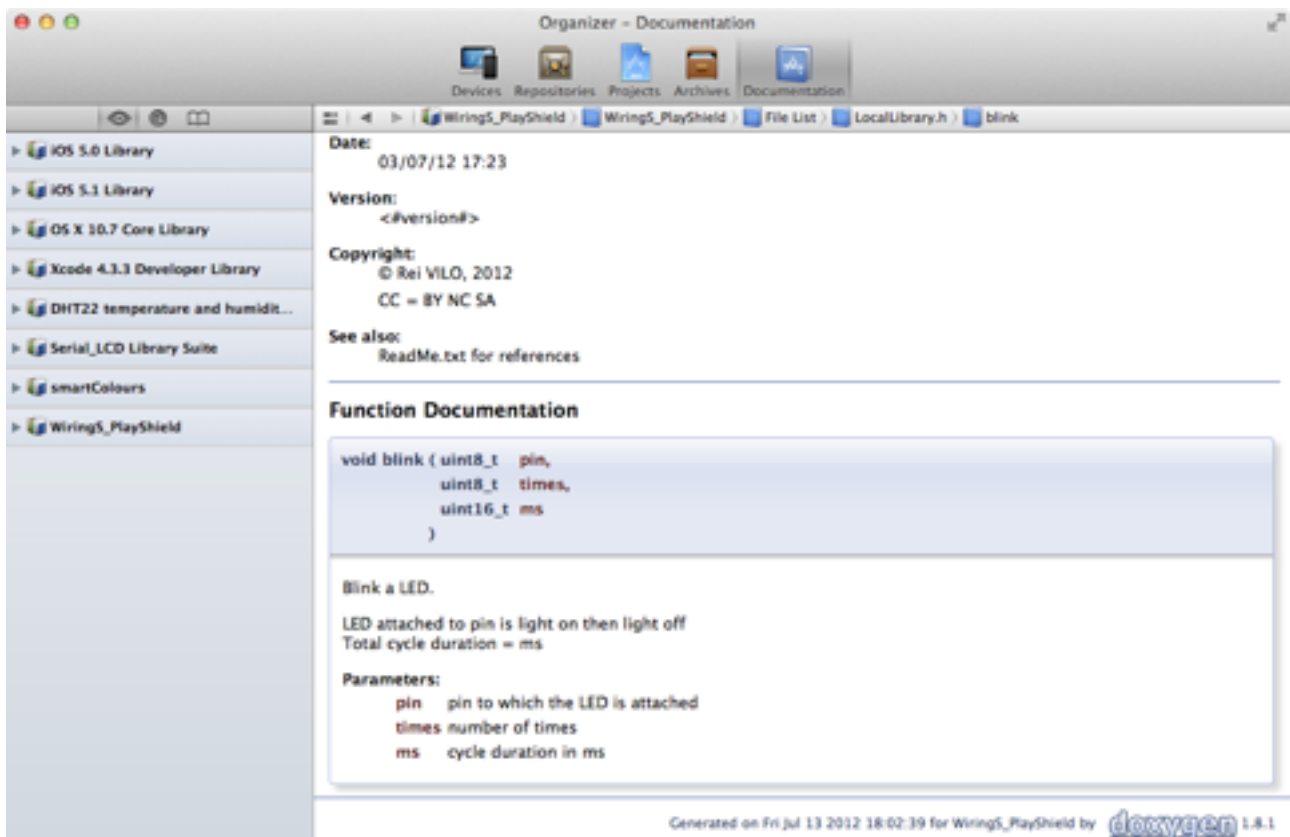
# Making Doxygen Richer

## With Doxygen

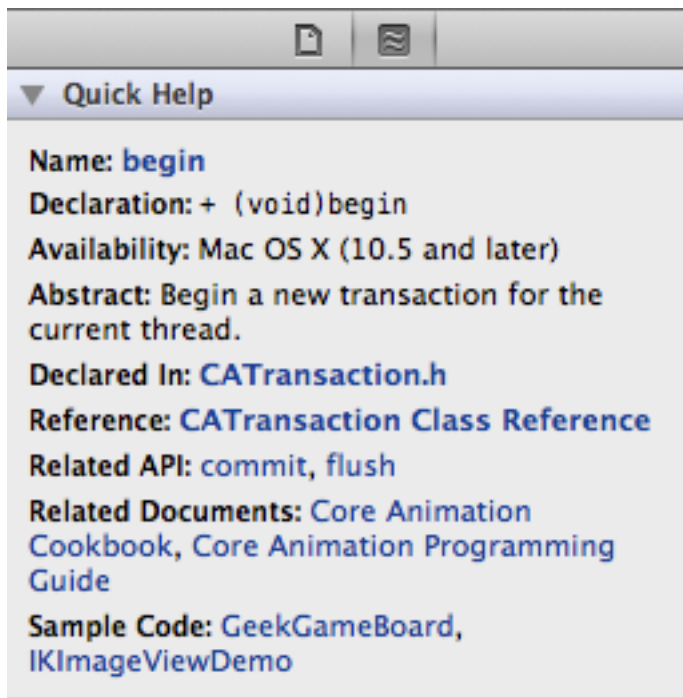
```
///  
///  
///  
///  
///  
///  
///  
///  
///  
///  
///  
void blink(uint8_t pin, uint8_t times, uint16_t ms);
```



Xcode Quick Help

A screenshot of a Doxygen-generated documentation page. The page is titled "Organizer - Documentation" and shows a sidebar with a tree view of libraries and projects. The main content area displays the function signature: `void blink ( uint8_t pin, uint8_t times, uint16_t ms )`. Below the signature, there is a section for "Function Documentation" which includes the text "Blink a LED.", "LED attached to pin is light on then light off", "Total cycle duration = ms", and "Parameters:" followed by a list of parameters: `pin` (pin to which the LED is attached), `times` (number of times), and `ms` (cycle duration in ms). At the bottom right, there is a footer that says "Generated on Fri Jul 13 2012 18:02:39 for Wiring5\_PlayShield by doxygen 1.8.1".

# Xcode Richter Help



▼ Quick Help

**Name:** [begin](#)

**Declaration:** + (void)begin

**Availability:** Mac OS X (10.5 and later)

**Abstract:** Begin a new transaction for the current thread.

**Declared In:** [CATransaction.h](#)

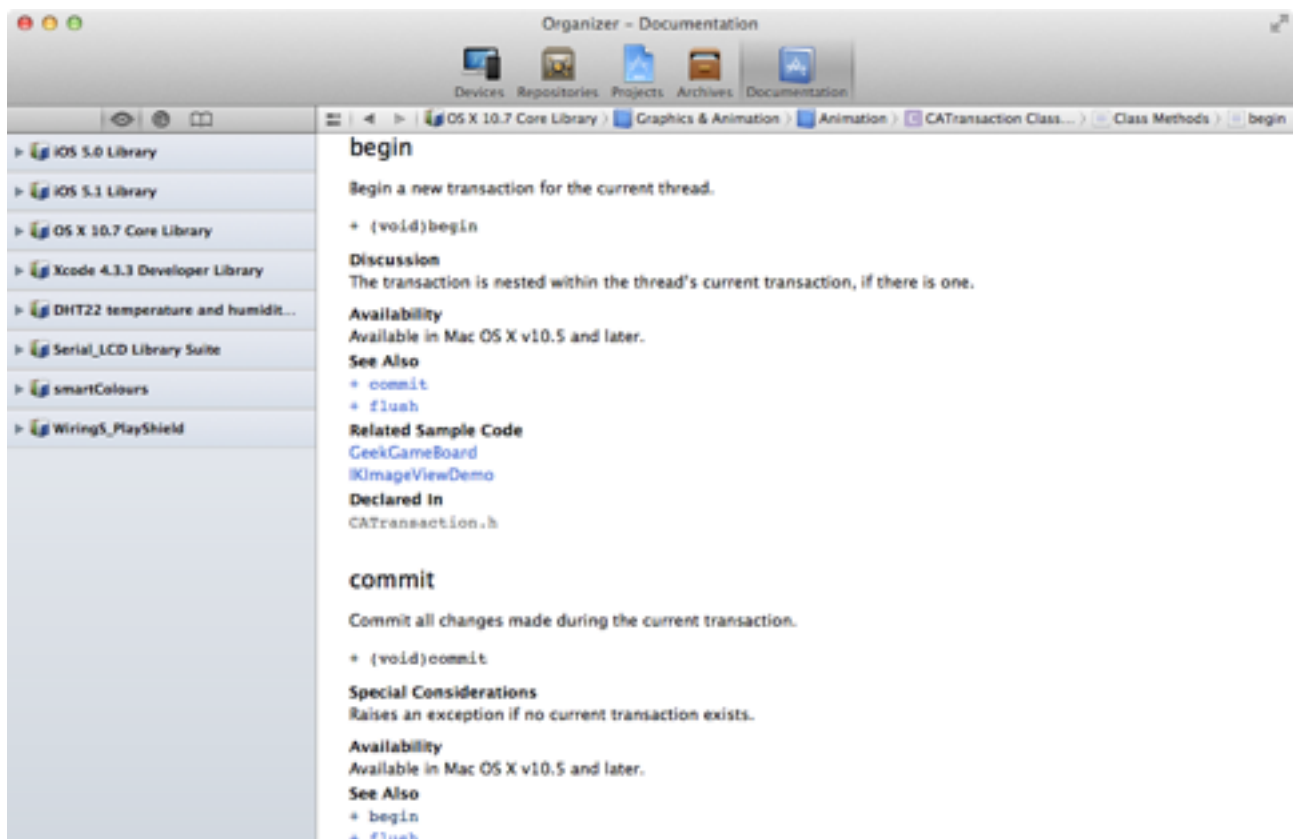
**Reference:** [CATransaction Class Reference](#)

**Related API:** [commit](#), [flush](#)

**Related Documents:** [Core Animation Cookbook](#), [Core Animation Programming Guide](#)

**Sample Code:** [GeekGameBoard](#), [UIImageViewDemo](#)

Xcode Quick Help



Organizer - Documentation

Devices Repositories Projects Archives Documentation

OS X 10.7 Core Library > Graphics & Animation > Animation > CATransaction Class... > Class Methods > begin

**begin**

Begin a new transaction for the current thread.

+ (void)begin

**Discussion**

The transaction is nested within the thread's current transaction, if there is one.

**Availability**

Available in Mac OS X v10.5 and later.

**See Also**

+ [commit](#)  
+ [flush](#)

**Related Sample Code**

[GeekGameBoard](#)  
[UIImageViewDemo](#)

**Declared In**

CATransaction.h

**commit**

Commit all changes made during the current transaction.

+ (void)commit

**Special Considerations**

Raises an exception if no current transaction exists.

**Availability**

Available in Mac OS X v10.5 and later.

**See Also**

+ [begin](#)  
+ [flush](#)