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Inhaltsverzeichnis

Über	1
Kapitel 1: Erste Schritte mit einem Netzwerk	2
Bemerkungen.....	2
Examples.....	2
Eine Download-Aufgabe erstellen.....	2
Upload-Aufgabe erstellen.....	2
Erstellen einer Upload-Aufgabe für eine mehrteilige Anforderung mit Fortschritt.....	3
Credits	4



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Kapitel 1: Erste Schritte mit einem Netzwerk

Bemerkungen

In diesem Abschnitt erhalten Sie einen Überblick darüber, was ein Netzwerk ist und warum ein Entwickler es verwenden möchte.

Es sollte auch alle großen Themen im Netzwerk erwähnen und auf die verwandten Themen verweisen. Da die Dokumentation für ein Netzwerk neu ist, müssen Sie möglicherweise erste Versionen dieser verwandten Themen erstellen.

Examples

Eine Download-Aufgabe erstellen

```
NSURLSessionConfiguration *configuration = [NSURLSessionConfiguration
defaultSessionConfiguration];
AFURLSessionManager *manager = [[AFURLSessionManager alloc]
initWithSessionConfiguration:configuration];

NSURL *URL = [NSURL URLWithString:@"http://example.com/download.zip"];
NSURLRequest *request = [NSURLRequest requestWithURL:URL];

NSURLSessionDownloadTask *downloadTask = [manager downloadTaskWithRequest:request progress:nil
destination:^(NSURL *targetPath, NSURLResponse *response) {
    NSURL *documentsDirectoryURL = [[NSFileManager defaultManager]
URLForDirectory:NSDocumentDirectory inDomain:NSUserDomainMask appropriateForURL:nil create:NO
error:nil];
    return [documentsDirectoryURL URLByAppendingPathComponent:[response suggestedFilename]];
} completionHandler:^(NSURLResponse *response, NSURL *filePath, NSError *error) {
    NSLog(@"File downloaded to: %@", filePath);
}];
[downloadTask resume];
```

Upload-Aufgabe erstellen

```
NSURLSessionConfiguration *configuration = [NSURLSessionConfiguration
defaultSessionConfiguration];
AFURLSessionManager *manager = [[AFURLSessionManager alloc]
initWithSessionConfiguration:configuration];

NSURL *URL = [NSURL URLWithString:@"http://example.com/upload"];
NSURLRequest *request = [NSURLRequest requestWithURL:URL];

NSURL *filePath = [NSURL fileURLWithPath:@"file://path/to/image.png"];
NSURLSessionUploadTask *uploadTask = [manager uploadTaskWithRequest:request fromFile:filePath
progress:nil completionHandler:^(NSURLResponse *response, id responseObject, NSError *error) {
    if (error) {
        NSLog(@"Error: %@", error);
    } else {
        NSLog(@"Success: %@ %@", response, responseObject);
    }
}];
```

```
});  
[uploadTask resume];
```

Erstellen einer Upload-Aufgabe für eine mehrteilige Anforderung mit Fortschritt

```
NSMutableURLRequest *request = [[AFHTTPRequestSerializer serializer]  
multipartFormRequestWithMethod:@"POST" urlString:@"http://example.com/upload" parameters:nil  
constructingBodyWithBlock:^(id<AFMultipartFormData> formData) {  
    [formData appendPartWithFileURL:[NSURL fileURLWithPath:@"file://path/to/image.jpg"]  
name:@"file" fileName:@"filename.jpg" mimeType:@"image/jpeg" error:nil];  
    } error:nil];  
  
AFURLSessionManager *manager = [[AFURLSessionManager alloc]  
initWithSessionConfiguration:[NSURLSessionConfiguration defaultSessionConfiguration]];  
  
NSURLSessionUploadTask *uploadTask;  
uploadTask = [manager  
    uploadTaskWithStreamedRequest:request  
    progress:^(NSProgress * _Nonnull uploadProgress) {  
        // This is not called back on the main queue.  
        // You are responsible for dispatching to the main queue for UI updates  
        dispatch_async(dispatch_get_main_queue(), ^{  
            //Update the progress view  
            [progressView setProgress:uploadProgress.fractionCompleted];  
        });  
    }  
    completionHandler:^(NSURLResponse * _Nonnull response, id _Nullable  
responseObject, NSError * _Nullable error) {  
        if (error) {  
            NSLog(@"Error: %@", error);  
        } else {  
            NSLog(@"%@ %@", response, responseObject);  
        }  
    }  
    });  
  
[uploadTask resume];
```

Erste Schritte mit einem Netzwerk online lesen:

<https://riptutorial.com/de/afnetworking/topic/5603/erste-schritte-mit-einem-netzwerk>

Credits

S. No	Kapitel	Contributors
1	Erste Schritte mit einem Netzwerk	Community , Ekta Padaliya , KAR