# **Ionic Image Loading and Caching**

<https://ionicacademy.com/ionic-image-loading-caching/>

<https://github.com/zyra/ionic-image-loader>

|  |  |
| --- | --- |
| 2  3  4  5  6  7 | npm i ionic-image-loader  npm i @ionic-native/file @ionic-native/file-transfer  ionic cordova plugin add cordova-plugin-file-transfer  ionic cordova plugin add cordova-plugin-file |

change your **app/app.module.ts** to:

...

import { HttpClientModule } from '@angular/common/http';

import { IonicImageLoader } from 'ionic-image-loader';

…

imports: [

BrowserModule,

IonicModule.forRoot(MyApp),

HttpClientModule,

IonicImageLoader.forRoot()

],

…

Therefore, change your **app/app.compontent.ts** to:

…

import { ImageLoaderConfig } from 'ionic-image-loader';

…

constructor(platform: Platform, statusBar: StatusBar, splashScreen: SplashScreen, private imageLoaderConfig: ImageLoaderConfig) {

platform.ready().then(() => {

this.imageLoaderConfig.enableDebugMode();

this.imageLoaderConfig.enableFallbackAsPlaceholder(true);

this.imageLoaderConfig.setFallbackUrl('assets/imgs/logo.png');

this.imageLoaderConfig.setMaximumCacheAge(24 \* 60 \* 60 \* 1000);

statusBar.styleDefault();

splashScreen.hide();

We also add some buttons to reload or clear the cache, so for now change your **pages/home/home.html** to:

<ion-avatar item-start>

<img-loader [src]="'https://randomuser.me/api/portraits/med/men/66.jpg'" useImg (load)="onImageLoad($event)">

</img-loader>

</ion-avatar>

For our app, simply change the **pages/home/home.ts** to:

Call . loadData()

########################

loadData() {

if (!this.jsonData) {

this.htppClient.get('https://randomuser.me/api/?results=100')

.subscribe(res => {

});

} else {

this.users = [];

setTimeout(() => {

}, 1000);

}

}

clearCache(refresher) {

this.imageLoader.clearCache();

refresher.complete();

}

onImageLoad(event) {

console.log('image ready: ', event);

}

\*\*\*note

Use separate module for this plugin because it use lazy loading

TabsPage.module.ts

import { NgModule } from '@angular/core';

import { IonicPageModule } from 'ionic-angular';

import { TabsPage } from './tabs';

//import { SuperTabsModule } from 'ionic2-super-tabs';

import { IonicImageLoader } from 'ionic-image-loader';

@NgModule({

declarations: [

TabsPage,

],

imports: [

IonicPageModule.forChild(TabsPage),

IonicImageLoader.forRoot()

//SuperTabsModule

],

})

export class IteniraryPageModule {}

//////////

And use @PageIonic

And remove all page import form app.module.ts

Use response save ionic storage