**Create base64 string of image,pdf,file from file URL and Local and Display**

**In Html**

**<input type="file" (change)="handleLocalFileSelect($event)"><p>**

**<button ion-button full (click)="getDatabasicAngualr()">getDatabasicAngualr</button>**

**<button ion-button full (click)="get\_base\_64\_nativeHttp()">get base 64 data native</button>**

**<div>**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*For PDF And image use iframe**

**<iframe [src]="\_DomSanitizationService.bypassSecurityTrustResourceUrl(base64textString)" height="100%" width="100%"></iframe>**

**<iframe src="data:application/pdf;base64," width='100%' height='100%'>**

**</iframe>**

**<img [src]="base64textString" alt="Red dot" />**

**<!-- <img src="data:image/png;base64, iVBORw0KGgoAAAANSUhEUgAAAAUA**

**AAAFCAYAAACNbyblAAAAHElEQVQI12P4//8/w38GIAXDIBKE0DHxgljNBAAO**

**9TXL0Y4OHwAAAABJRU5ErkJggg==" alt="Red dot" /> -->**

**\*\*\*\*\* Problem with pdf in iframe when watch in mobile view working good with chrom reponsive view**

**IN .TS file**

**import { HttpClient } from '@angular/common/http';**

**import { DomSanitizer } from '@angular/platform-browser';**

**import { File } from '@ionic-native/file';**

**import { FileOpener } from '@ionic-native/file-opener';**

**…**

**private htppClient: HttpClient,**

**private \_DomSanitizationService: DomSanitizer,**

**private File: File,**

**private fileOpener: FileOpener,**

**…**

**// ##############Form URL data**

**getDatabasicAngualr(){**

**this.htppClient.get('public/commonAssets/upload/PlanPhoto/9091543478792.jpg', {observe: 'response', responseType: 'blob'}**

**//this.htppClient.post('public/commonAssets/upload/PlanPhoto/9091543478792.jpg', {}, {observe: 'response', responseType: 'blob'}**

**).subscribe(**

**data=>{**

**console.log("dgdgdg",data);**

**this.HandlerFileReader(data).then(data1=>{**

**this.base64textString1=data1;**

**}**

**);**

**})**

**}**

**HandlerFileReader(data){**

**return new Promise((resolve,reject)=>{**

**const reader = new FileReader()**

**reader.onloadend = () => resolve(reader.result)**

**reader.onerror = reject**

**reader.readAsDataURL(data.body)**

**});**

**}**

**// ############## Form Local data and display**

**handleLocalFileSelect(evt){**

**var files = evt.target.files;**

**var file = files[0];**

**console.log("handleFileSelect",file);**

**if (files && file) {**

**var reader = new FileReader();**

**reader.onload =this.handleLocalReaderLoaded.bind(this);**

**reader.readAsBinaryString(file);**

**}**

**}**

**handleLocalReaderLoaded(readerEvt) {**

**var binaryString = readerEvt.target.result;**

**//\*\*\*\*\*\*\*\*\*For Image \*/**

**this.base64textString= 'data:image/png;base64,'+btoa(binaryString);**

**//\*\*\*\*\*\*\*\*\*For PDF \*/**

**//this.base64textString= 'data:application/pdf;base64,'+btoa(binaryString);**

**console.log(this.base64textString);**

**}**

**// ############## Form Http native download data and convert base 64and display**

**get\_base\_64\_nativeHttp(){**

**this.httpNative.downloadFile('https://trentlo.com/public/commonAssets/upload/PlanPhoto/9091543478792.jpg', {}, {},this.File.tempDirectory+'/abv.jpg')**

**.then(data =>**

**{**

**console.log("options.responseType", data);**

**console.log(data.name);**

**this.File.readAsDataURL(this.File.tempDirectory,data.name)**

**.then(data=>{**

**console.log("readAsText successfull",data);**

**// this.fileOpener.open(this.File.tempDirectory+'/myLocalDir/abv.jpg', 'image/png')**

**// .then(() => console.log('File is opened'))**

**// .catch(e => console.log('Error opening file', JSON.stringify(e) ));**

**}).catch(**

**data=>{**

**console.log("readAsText error",JSON.stringify(data) );**

**}**

**);**

**}**

**)**

**.catch(error => {**

**console.log("error.status",error.status);**

**console.log("error.error",error.error); // error message as string**

**console.log("error.headers",error.headers);**

**});**

**}**