

Read HEIC or HEIF image files in FileMaker

If you need to read HEIF or HEIC image files (High Efficiency Image File Format) in FileMaker on Mac or iOS, please check our [Container.ReadImage](#) function in [MBS FileMaker Plugin](#):



```
Set Variable [ $path ; Value: "/Users/cs/Desktop/IMG_3552.HEIC" ]
Set Variable [ $container ; Value:
MBS( "Container.ReadFile"; $path) ]
If [ MBS("IsError") = 0 ]
    Set Variable [ $image ; Value: MBS( "Container.ReadImage"; $container;
"PNG"; "image.png" ) ]
    If [ MBS("IsError") = 0 ]
        Set Field [ Untitled::image ; $image ]
    End If
End If
```

So we may need to import the file into a container value first, if you haven't it in a container field already. Second, we use [Container.ReadImage](#) to read the image and convert it to a PNG file. PNG supports transparency and has lossless compression, so we prefer it over JPEG.

Alternatively you can use [CGImageSource](#) functions and get the images and any metadata like this:

```
Set Variable [ $path ; Value: "/Users/cs/Desktop/IMG_3552.HEIC" ]
Set Variable [ $ImageSource ; Value: MBS( "CGImageSource.CreateWithPath";
$path) ]
If [ MBS("IsError") = 0 ]
    # you can get metadata as JSON to check later...
    Set Variable [ $$MetaData ; Value: MBS( "CGImageSource.Properties";
$ImageSource ) ]
    Set Variable [ $$ImageMetaData ; Value:
MBS( "CGImageSource.Properties"; $ImageSource; 0 ) ]
    # get image to show
    Set Variable [ $image ; Value: MBS( "CGImageSource.ImageAtIndex";
$ImageSource; 0; "PNG"; "image.png" ) ]
    If [ MBS("IsError") = 0 ]
        Set Field [ Untitled::image ; $image ]
    End If
```

```
    Set Variable [ $r ; Value: MBS( "CGImageSource.Release"; $ImageSource )  
  ]  
End If
```

Please do not hesitate to contact us with questions.