

# Some tools in bioimagetools

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## 1 Read and write 3D tiff

`readTIFF()` and `writeTIFF()` in the `tiff` package do not handle 3d stacks the right way. `bioimagetools` uses `readTIF()`.

```
> library(bioimagetools)
> download.file("http://ex.volkerschmid.de/cell.tif",destfile="cell3d.tif",quiet=TRUE)
> img <- readTIF("cell3d.tif")
> file.remove("cell3d.tif")
```

```
[1] TRUE
```

```
> print(dim(img))
```

```
[1] 512 512 3 52
```