

# GUI ".plt" Installer

Version 7.8

August 1, 2020

```
(require setup/plt-installer)    package: drracket
```

The `setup/plt-installer` library in the `setup` collection defines procedures for installing a ".plt" archive with a GUI (using the facilities of `racket/gui/base`).

```
(run-installer filename) → void?  
  filename : path-string?
```

Run the installer on the ".plt" file in *filename* and show the output in a window. This is a composition of `with-installer-window` and `run-single-installer` with a `get-dir-proc` that prompts the user for a directory (turning off the busy cursor while the dialog is active).

```
(on-installer-run) → (-> any)  
(on-installer-run thunk) → void?  
  thunk : (-> any)
```

A thunk that is run after a ".plt" file is installed.

```
(with-installer-window do-install  
  cleanup-thunk) → void?  
do-install : (-> (or/c (is-a?/c dialog%) (is-a?/c frame%))  
  void?)  
cleanup-thunk : (-> any)
```

Equivalent to

```
(define installer-run (on-installer-run))  
(parameterize ([on-terminal-run  
  (λ ()  
    (printf "\nInstallation complete.\n"))
```

```

                                (installer-run))]
(in-terminal
  (λ (custodian tlw) (do-install tlw))
  #:title (string-constant plt-installer-progress-window-title)
  #:cleanup-thunk cleanup-thunk))

(run-single-installer
  file
  get-dir-proc
  [#:show-beginning-of-file? show-beginning-of-file?])
→ void?
file : path-string?
get-dir-proc : (-> (or/c path-string? #f))
show-beginning-of-file? : any/c = #f

```

The same as the export from `setup/plt-single-installer`, but with a GUI.

## 1 GUI Unpacking Signature

```
(require setup/plt-installer-sig)    package: drracket
```

```
| setup:plt-installer^ : signature
```

Provides two names: `run-installer` and `on-installer-run`.

## 2 GUI Unpacking Unit

```
(require setup/plt-installer-unit) package: drracket
```

Imports `mred^` and exports `setup:plt-installer^`.