Package Management GUI Libraries

Version 6.1

Matthew Flatt <mflatt@racket-lang.org>,
Jay McCarthy <jay@racket-lang.org>,
and Robert Bruce Findler <robby@racket-lang.org>

August 1, 2014

The `gui-pkg-manager` provides GUI support for package management.

```
(make-pkg-gui [#:wrap-terminal-action wrap-terminal-action
               #:initial-tab initial-tab])
 → (is-a?/c top-level-window<%>)
  wrap-terminal-action : (-> (-> any) any) = (λ (t) (t))
  initial-tab : (or/c 'by-source 'installed 'from-list 'migrate)
              = 'by-source
```

Opens the package manager GUI starting with the *initial-tab* selected.

The *wrap-terminal-action* function is passed a thunk that it is expected to invoke, possibly after redirecting the `current-output-port` and `current-error-port` to point to an existing GUI window.

```
(make-pkg-installer
 [#:parent parent
  #:wrap-terminal-action wrap-terminal-action
  #:package-to-offer package-to-offer])
 → (is-a?/c top-level-window<%>)
  parent : (or/c #f (is-a?/c top-level-window<%>)) = #f
  wrap-terminal-action : (-> (-> any) any) = (λ (t) (t))
  package-to-offer : (or/c #f string?) = #f
```

Opens a specialized version of the `make-pkg-gui` window that contains only the `'by-source` panel.

The *wrap-terminal-action* function is passed a thunk that it is expected to invoke, possibly after redirecting the `current-output-port` and `current-error-port` to point to an existing GUI window.

```
(pkg-catalog-update-local/simple-status-dialog [#:parent parent])
 → void?
  parent : (or/c (is-a?/c frame%) (is-a?/c dialog%) #f) = #f
```

Calls `pkg-catalog-update-local` with a simple `dialog%` that shows which catalog servers are being consulted.