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Radiance - A Shiny Web Framework for Common Lisp

Usual Framework Focus

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- Tightly integrated
- Convenience through large toolsets

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Radiance's Goals

- Many applications simultaneously
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- To be fully covered by a specification

A Tiny Example

- option: Pizza votes: 32
- option: Pasta votes: 4
- option: Lasagna votes: 12
- option: Crêpes votes: 9
- option: Mashed Potatoes votes: 2

Submit

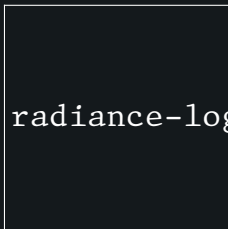

```
(db:create 'vote' ((option (:varchar 32))  
                    (votes :integer)))
```

```
(define-page display #@"/" ()  
  (r-forms:choose  
    #@"/api/vote" "id"  
    (dm:get 'vote (db:query :all))))
```

```
(define-api vote (id) ()  
  (with-model-save model ('vote (:= '_id id))  
    (votes)  
    (incf votes))  
  (redirect #@"/")  
  (api-output "Vote registered."))
```

```
(define-interface (database db)
  (defun create (collection structure
                 &key indices if-exists))
  (defmacro query (query-form))
  ...))

(define-interface (data-model dm)
  (defun get (collection query
              &key (skip 0) (amount 0) sort))
  ...))
```

radiance-logo.png

<https://github.com/Shirakumo/radiance>

```
(ql-dist:install-dist  
  "http://dist.tymoon.eu/shirakumo.txt")  
(ql:quickload :radiance)  
(radiance:startup)
```