

Compojure

```
(def get-handler  
  (GET "/hello" []  
    "Hello, World!"))
```

```
(get-handler {:request-method :get  
              :uri "/hello"})  
> {:body "Hello, World!" ...}
```

```
(get-handler {:request-method :post  
              :uri "/hello"})  
> nil
```

```
(def get-handler  
  (GET "/hello/:name" [name]  
    (str "Hello, " name "!"))))
```

```
(def post-handler  
  (POST "/names" [name]  
    (remember name)  
    (redirect (str "/hello/" name)))))
```

```
(defroutes todo-app
```

```
  (GET "/todos" []  
    (render (load-all-todos)))
```

```
  (GET "/todos/:id" [id]  
    (render (load-todo id)))
```

```
  (POST "/todos" {json-stream :body}  
    (create-todo (read-json (slurp json-stream)))  
    (redirect "/todos")))
```

```
(defroutes more-routes
  (context "/todos/:id" [id]
    (DELETE "/" []
      (delete-todo id)
      (redirect "/todos")))
    (PUT "/" {json-stream :body}
      (update-todo (read-json (slurp json-stream)))
      (redirect (str "/todos/" id))))))
```

```
(defroutes complete-app  
  todo-app  
  more-routes  
  (not-found "Oops."))
```

```
(def secure-app  
  (wrap-basic-authentication complete-app allowed?))
```

```
(run-jetty (api secure-app) {:port 8080})
```