package com.twitter.servo

import com.twitter.servo.util.FutureArrow

package object request {

/\*\*

\* RequestFilters provide a mechanism for composing a chain of actions

\* (e.g. logging, authentication, replication, etc) to be performed per

\* request. The intention is for a series of RequestFilters are terminated in a

\* RequestHandler, which returns an object of some response type.

\*

\* Upon completion of a filter's work, the convention is to either:

\*

\* a) Return a Future of a request object of type `A` to be passed to the next

\* member of the filter/handler chain.

\* b) Return a Future response outright in cases where request handling must

\* be halted at the current filter (i.e. returning `Future.exception(...)`.

\*

\* @tparam A

\* A type encapsulating all context and data required to satisfy a request.

\*/

type RequestFilter[A] = FutureArrow[A, A]

/\*\*

\* A handler of requests parameterized on the request and response types.

\*

\* @tparam A

\* A type encapsulating all context and data required to satisfy a request.

\*

\* @tparam B

\* A response type.

\*/

type RequestHandler[-A, +B] = FutureArrow[A, B]

}