package com.twitter.tweetypie.caching

import com.twitter.util.Duration

import com.twitter.util.Time

/\*\*

\* Helpers for creating common expiry functions.

\*

\* An expiry function maps from the value to a time in the future when

\* the value should expire from cache. These are useful in the

\* implementation of a [[ValueSerializer]].

\*/

object Expiry {

/\*\*

\* Return a time that indicates to memcached to never expire this

\* value.

\*

\* This function takes [[Any]] so that it can be used at any value

\* type, since it doesn't examine the value at all.

\*/

val Never: Any => Time =

\_ => Time.Top

/\*\*

\* Return function that indicates to memcached that the value should

\* not be used after the `ttl` has elapsed.

\*

\* This function takes [[Any]] so that it can be used at any value

\* type, since it doesn't examine the value at all.

\*/

def byAge(ttl: Duration): Any => Time =

\_ => Time.now + ttl

}