package com.twitter.simclustersann.modules

import com.google.inject.Provides

import com.twitter.inject.TwitterModule

import com.twitter.inject.annotations.Flag

import com.twitter.simclustersann.common.FlagNames.NumberOfThreads

import com.twitter.util.ExecutorServiceFuturePool

import java.util.concurrent.Executors

import javax.inject.Singleton

object FuturePoolProvider extends TwitterModule {

flag[Int](

name = NumberOfThreads,

default = 20,

help = "The number of threads in the future pool."

)

@Singleton

@Provides

def providesFuturePool(

@Flag(NumberOfThreads) numberOfThreads: Int

): ExecutorServiceFuturePool = {

val threadPool = Executors.newFixedThreadPool(numberOfThreads)

new ExecutorServiceFuturePool(threadPool) {

override def toString: String = s"warmup-future-pool-$executor)"

}

}

}