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#http://saravani.wordpress.com/

# include thrift-generated code
$:push('./gen-rb')

require 'thrift'
require 'calculator'

begin
  port = ARGV[0] || 9090

  transport = Thrift::BufferedTransport.new(Thrift::Socket.new('localhost', 9090))
  protocol = Thrift::BinaryProtocol.new(transport)
  client = Calculator::Client.new(protocol)

  transport.open()

  ar = ArithmeticOperation.new()
  ar.op = BinaryOperation::ADDITION
  ar.lh_term = 99
  ar.rh_term = 3

  # Run a remote calculation
  result = client.calc(ar) #it accessing the ruby server program method calc via thrift service
  puts result.inspect

  #Run a Async call
  client.run_task()

  transport.close()
rescue
  puts $!
end

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