

# Cross-run-ID Comparison Report

(differences in bold)

## DATE:

Zu60n: 12/02/19 10:36:33

aUZF6: 12/02/19 15:33:17

## HELICS\_VERSION:

Zu60n: 2.3.1

aUZF6: 2.3.1

## GENERATOR:

**Zu60n: Visual Studio 16 2019**

**aUZF6: Visual Studio 15 2017**

## SYSTEM:

Zu60n: Windows

aUZF6: Windows

## SYSTEM\_VERSION:

**Zu60n: 10.0.17763**

**aUZF6: 10.0.16299**

## PLATFORM:

Zu60n: x64

aUZF6: x64

## CXX\_COMPILER:

Zu60n: MSVC

aUZF6: MSVC

## CXX\_COMPILER\_VERSION:

**Zu60n: 19.23.28106.4**

**aUZF6: 19.12.25835.0**

## BUILD\_FLAGS\_STRING:

Zu60n: /DWIN32 /D\_WINDOWS /W3 /GR /EHsc /MD /O2 /Ob2 /DNDEBUG /machine:x64 /EHsc;/std:c++14

aUZF6: /DWIN32 /D\_WINDOWS /W3 /GR /EHsc /MD /O2 /Ob2 /DNDEBUG /machine:x64 /EHsc;/std:c++14

## HOST\_NAME:

**Zu60n: HERSCHEL**

**aUZF6: STEADMAN**

## HOST\_PROCESSOR:

Zu60n: AMD64

aUZF6: AMD64

## NUM\_CPUS:

Zu60n: 8

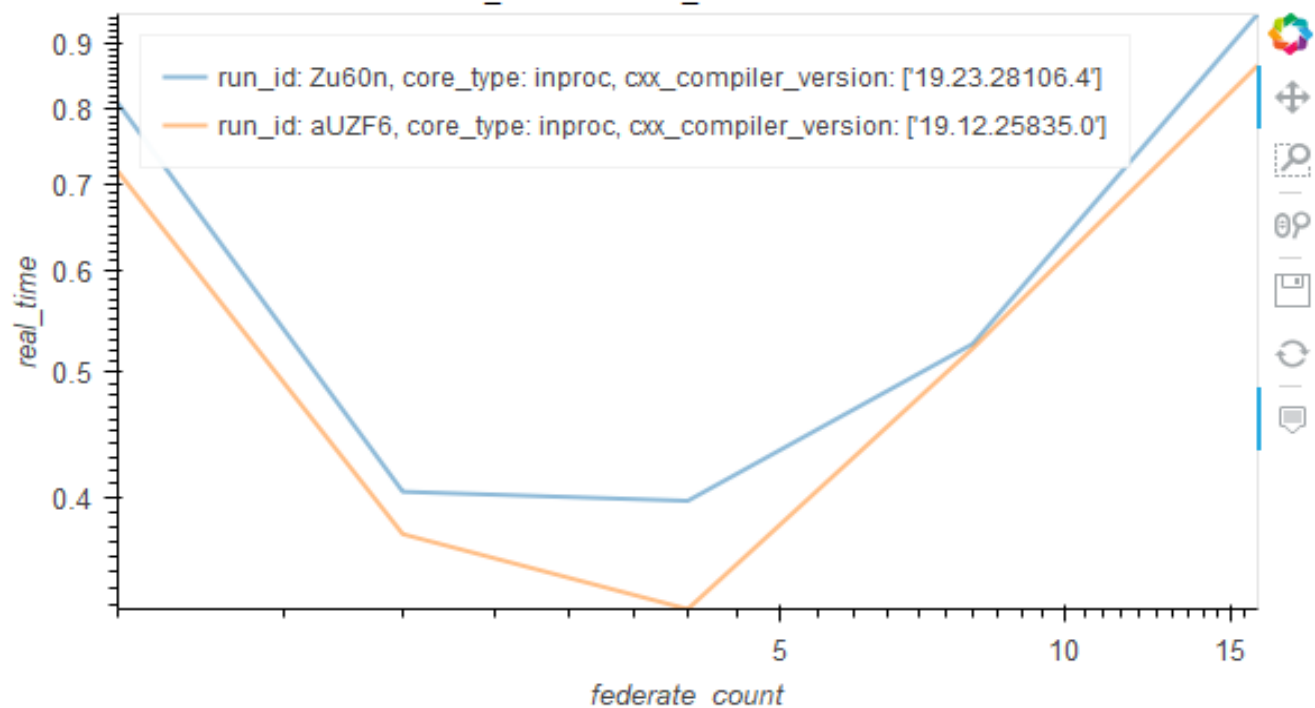
aUZF6: 8

## MHZ\_PER\_CPU:

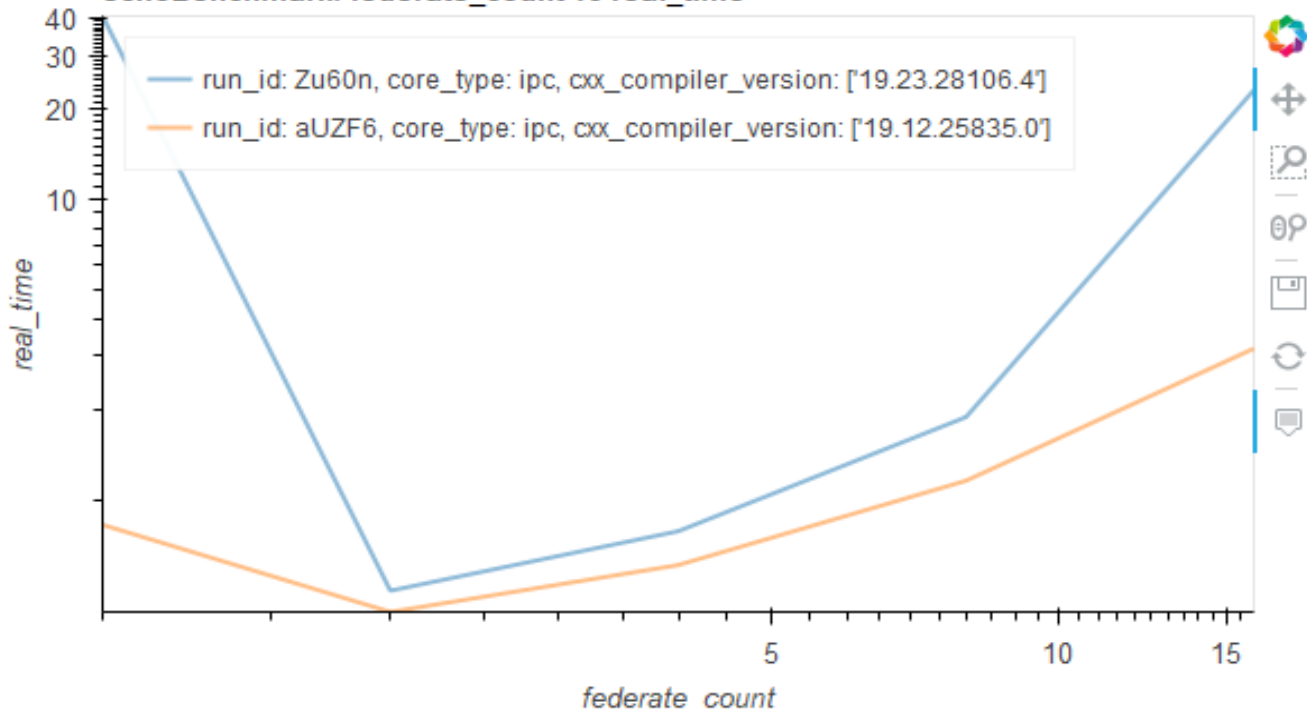
**Zu60n: 2295**

**aUZF6: 3492**

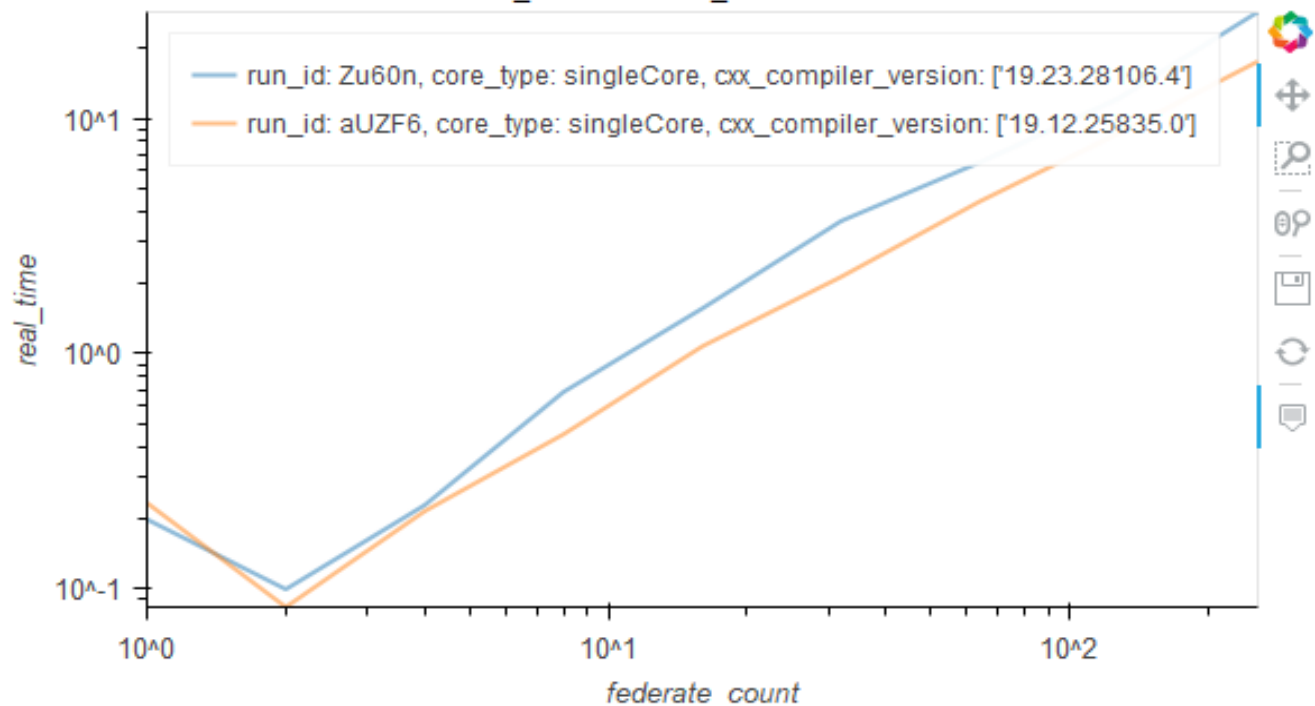
echoBenchmark: federate\_count vs real\_time



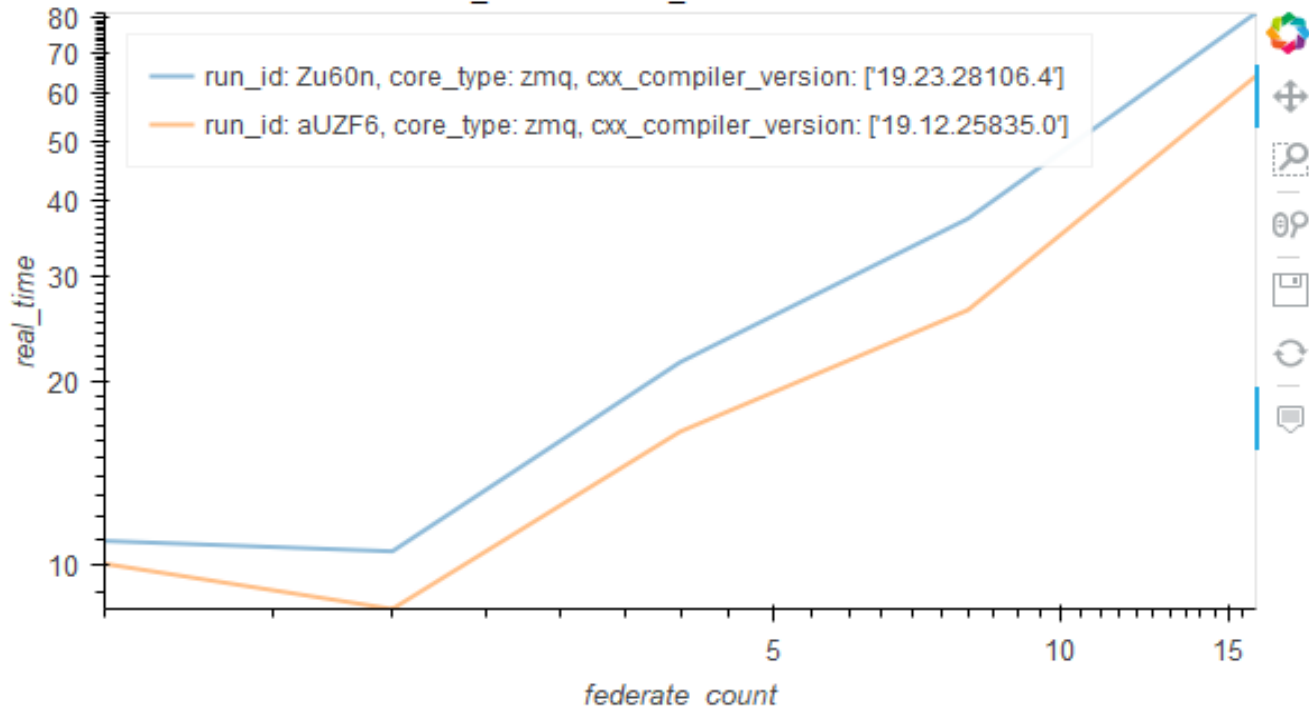
echoBenchmark: federate\_count vs real\_time



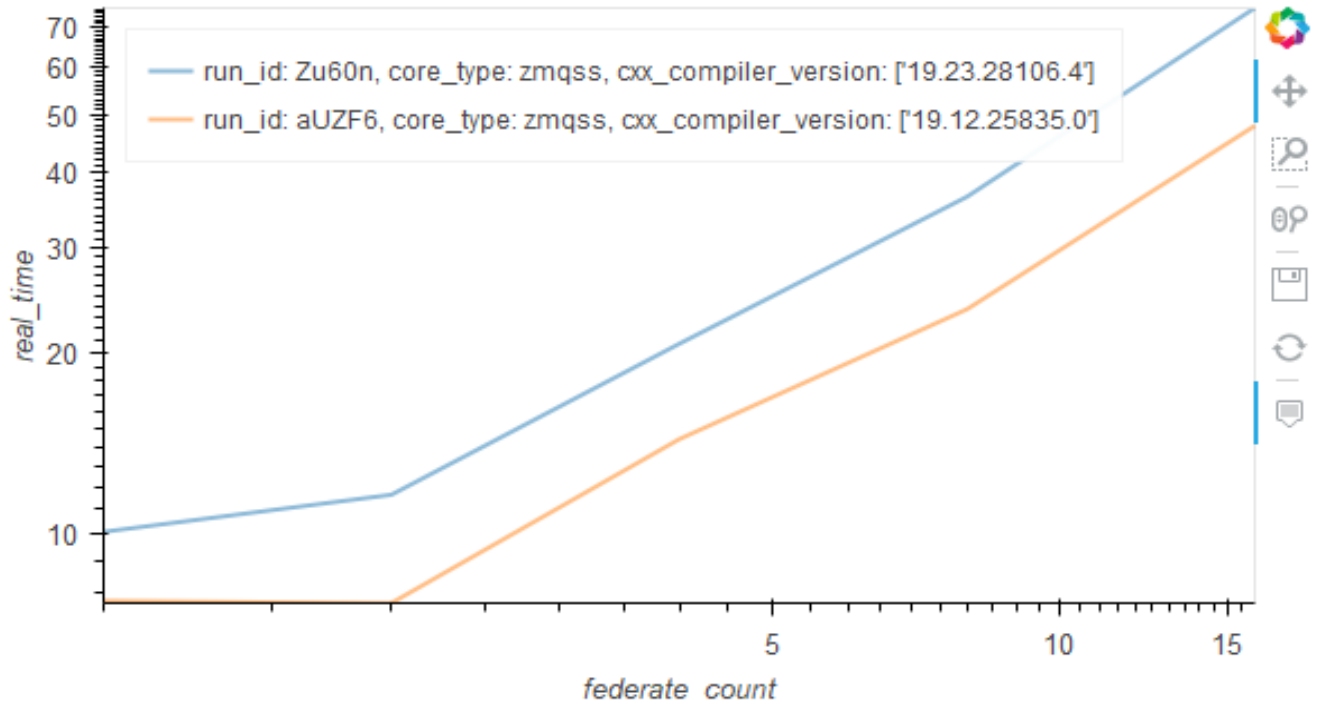
echoBenchmark: federate\_count vs real\_time



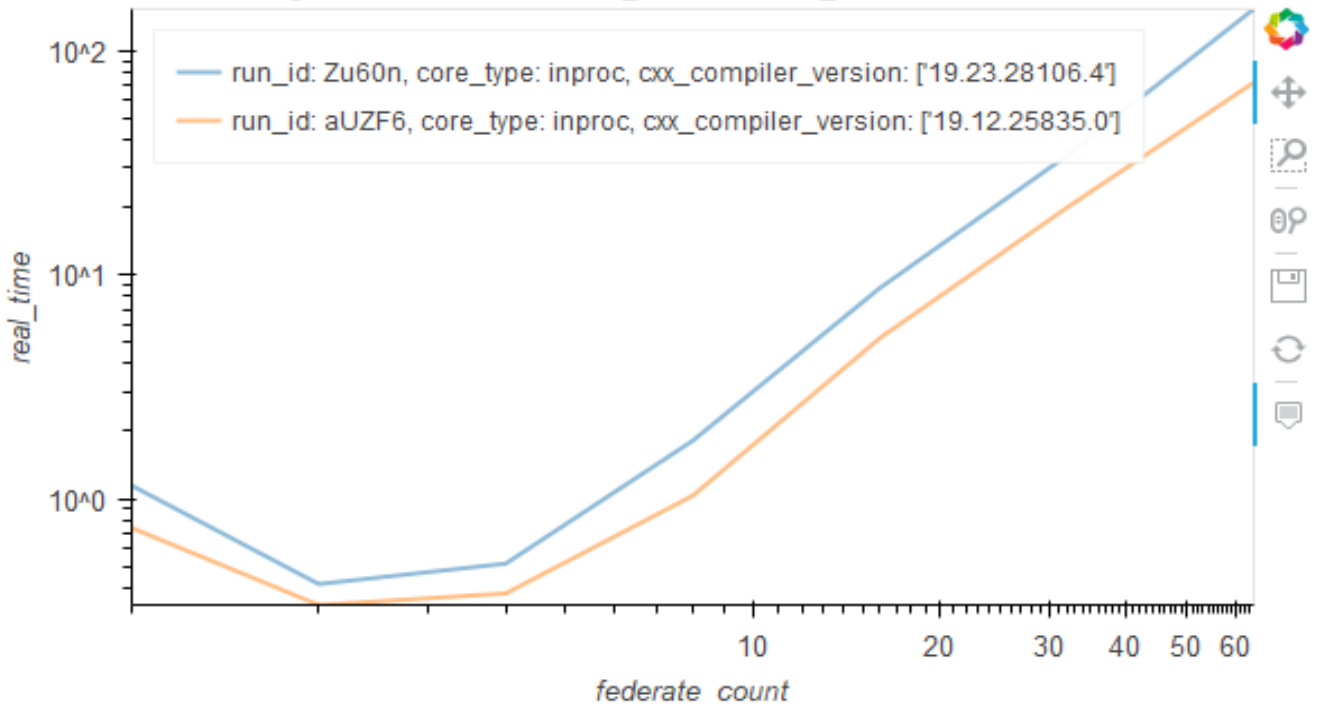
echoBenchmark: federate\_count vs real\_time



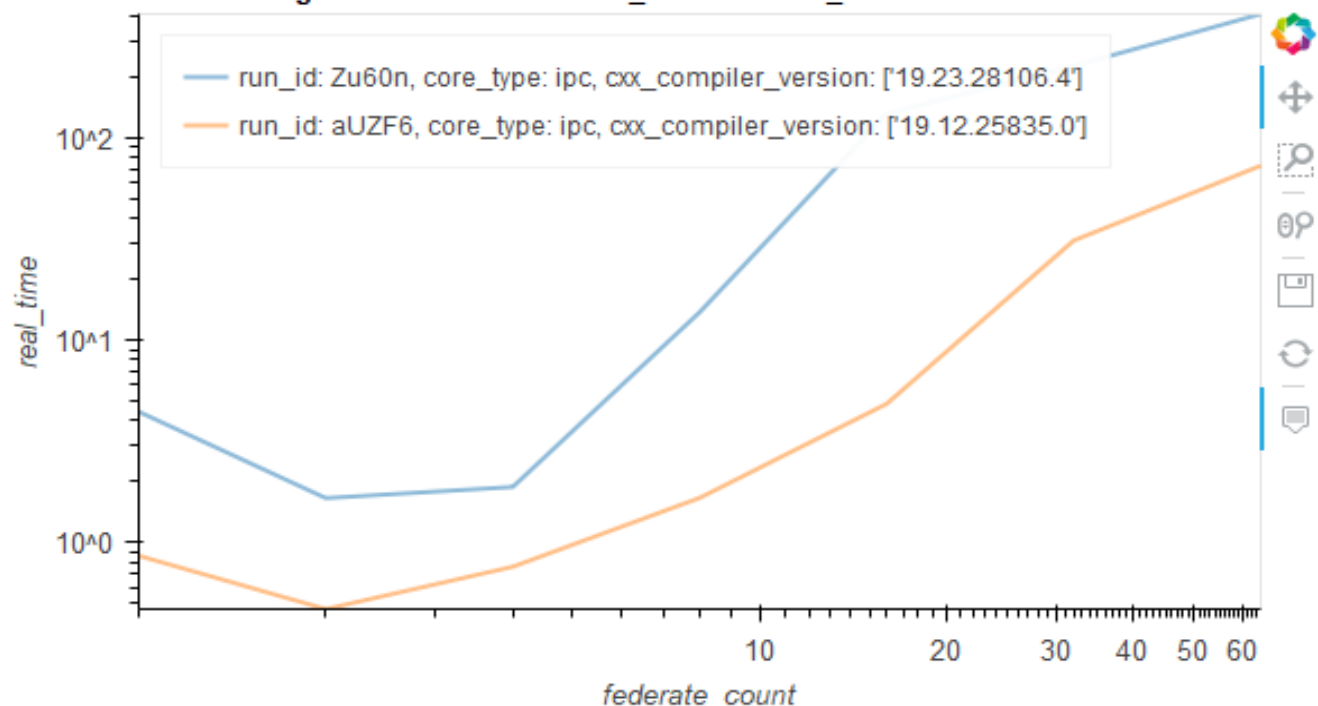
echoBenchmark: federate\_count vs real\_time



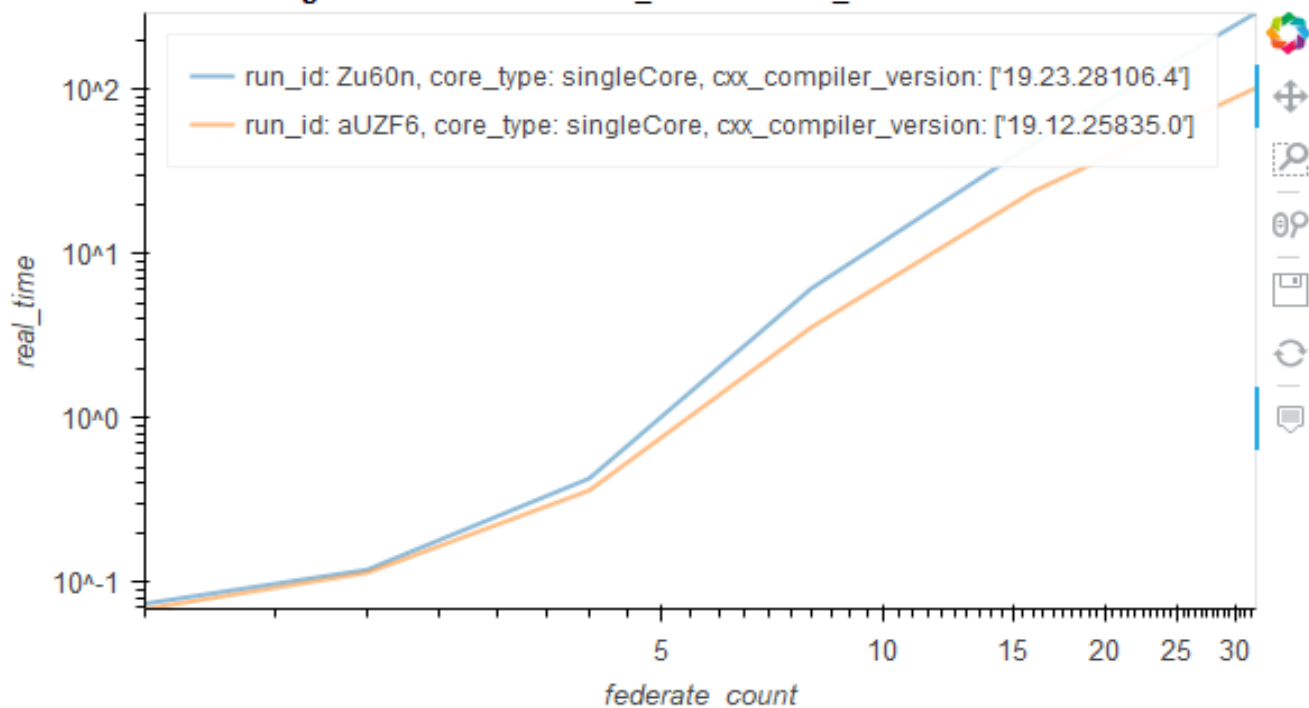
echoMessageBenchmark: federate\_count vs real\_time



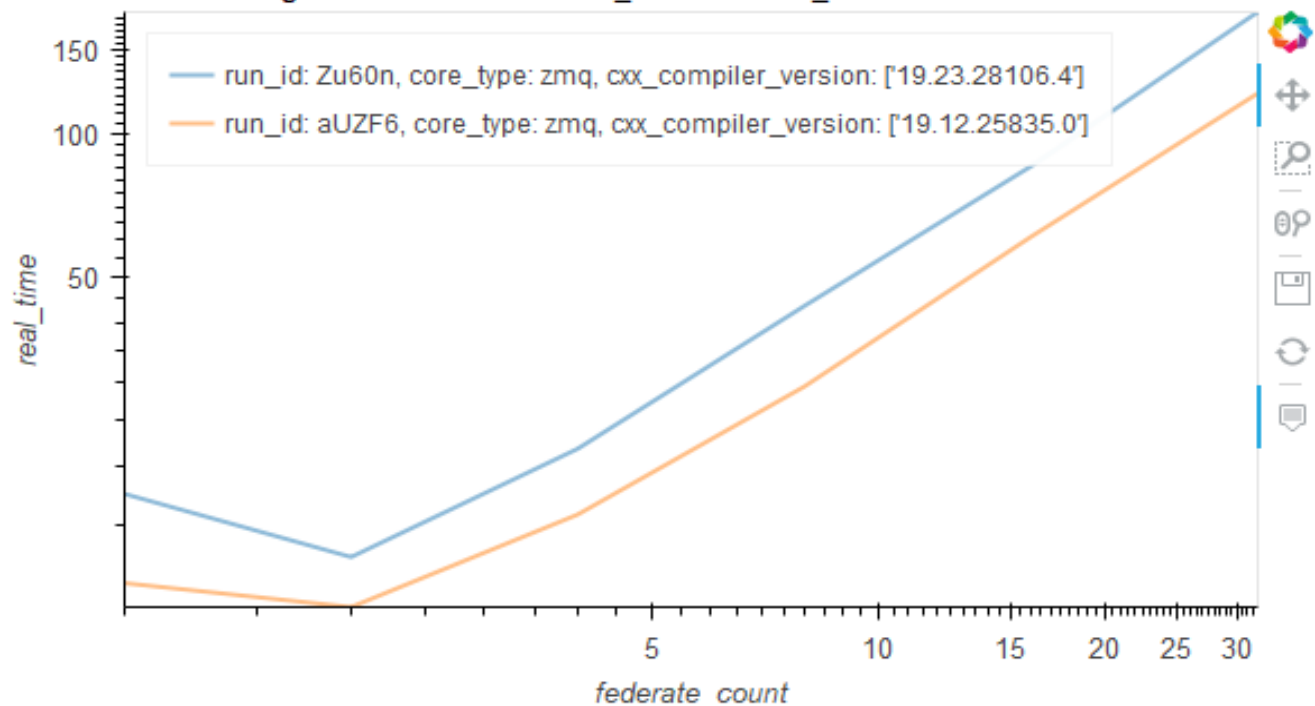
echoMessageBenchmark: federate\_count vs real\_time



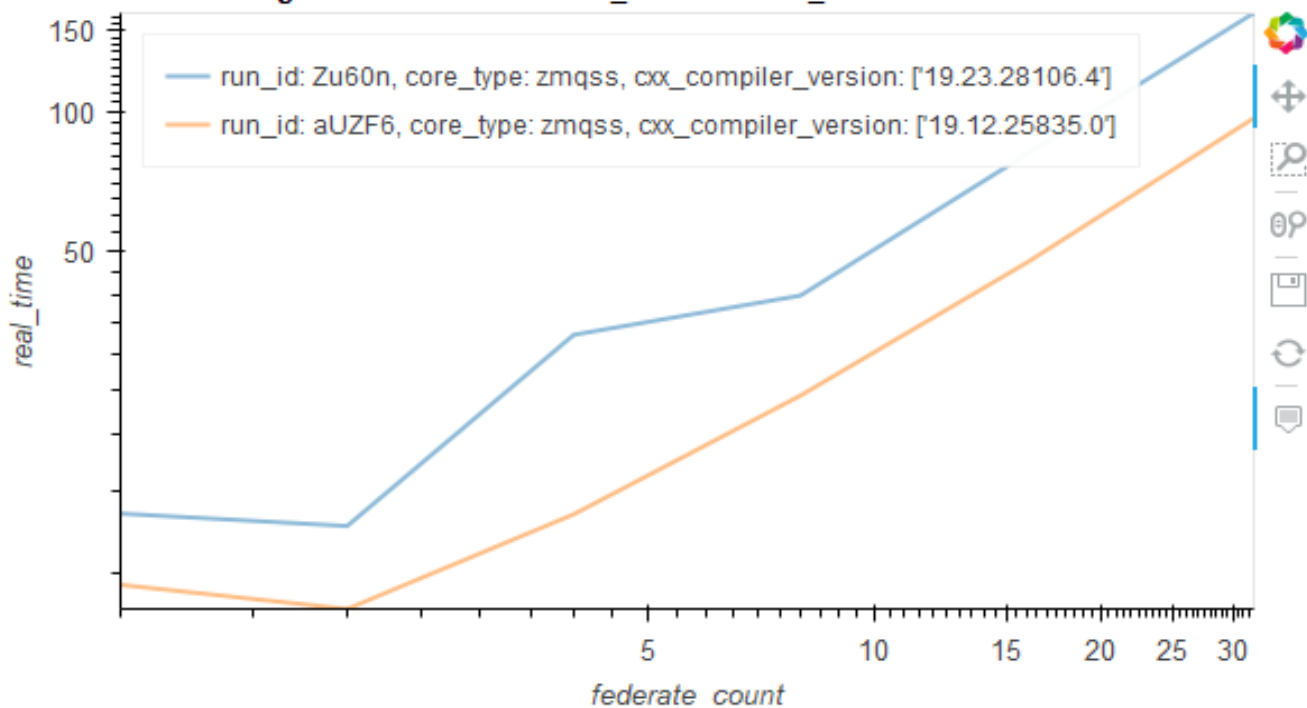
echoMessageBenchmark: federate\_count vs real\_time



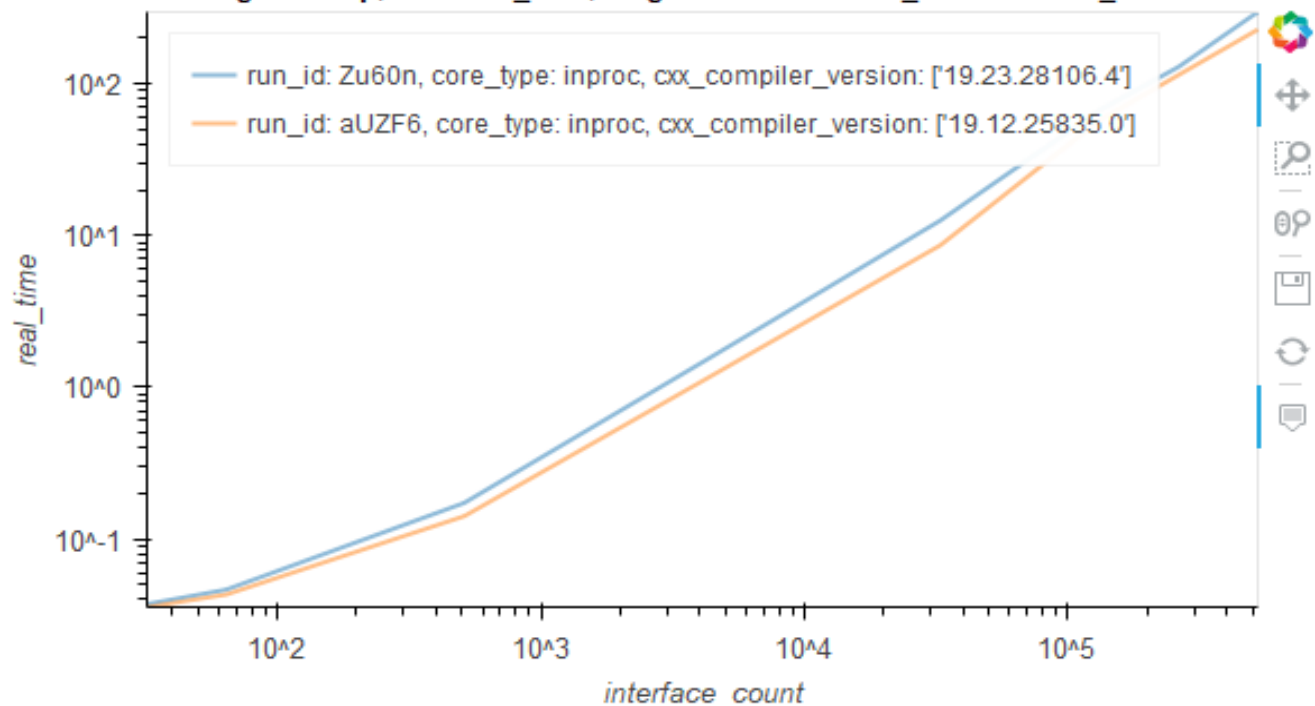
echoMessageBenchmark: federate\_count vs real\_time



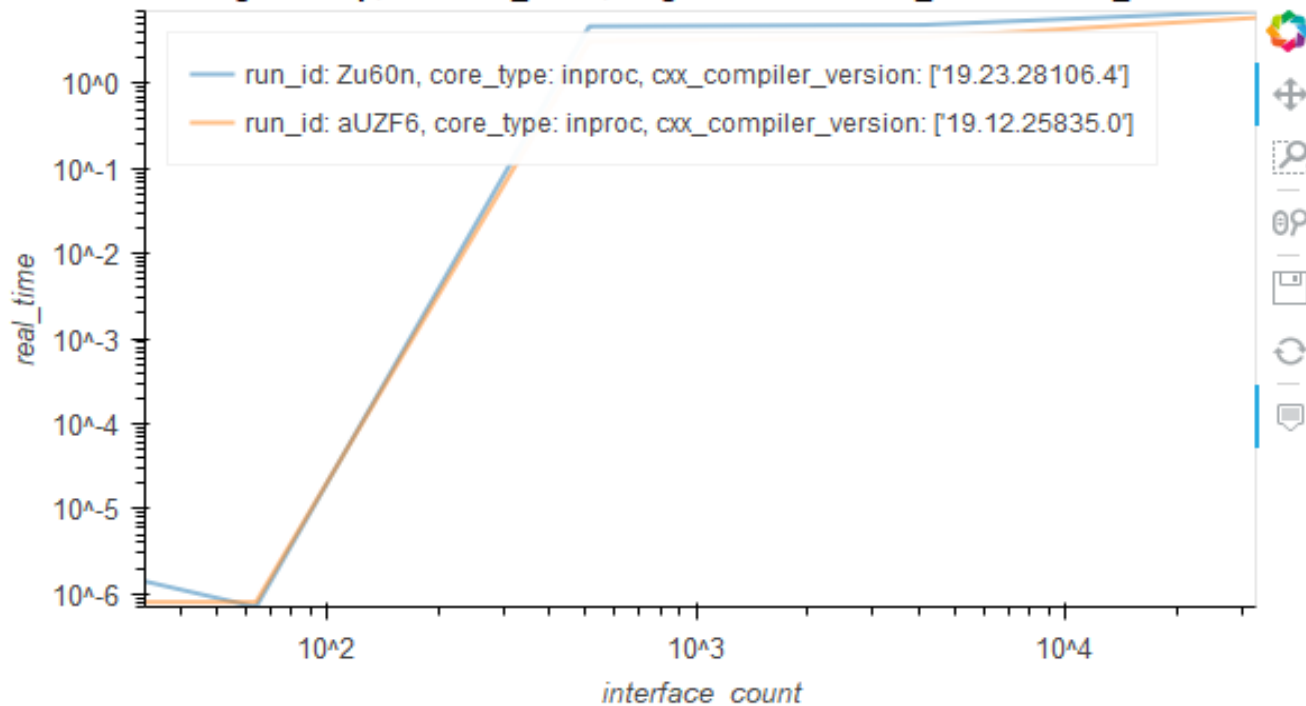
echoMessageBenchmark: federate\_count vs real\_time



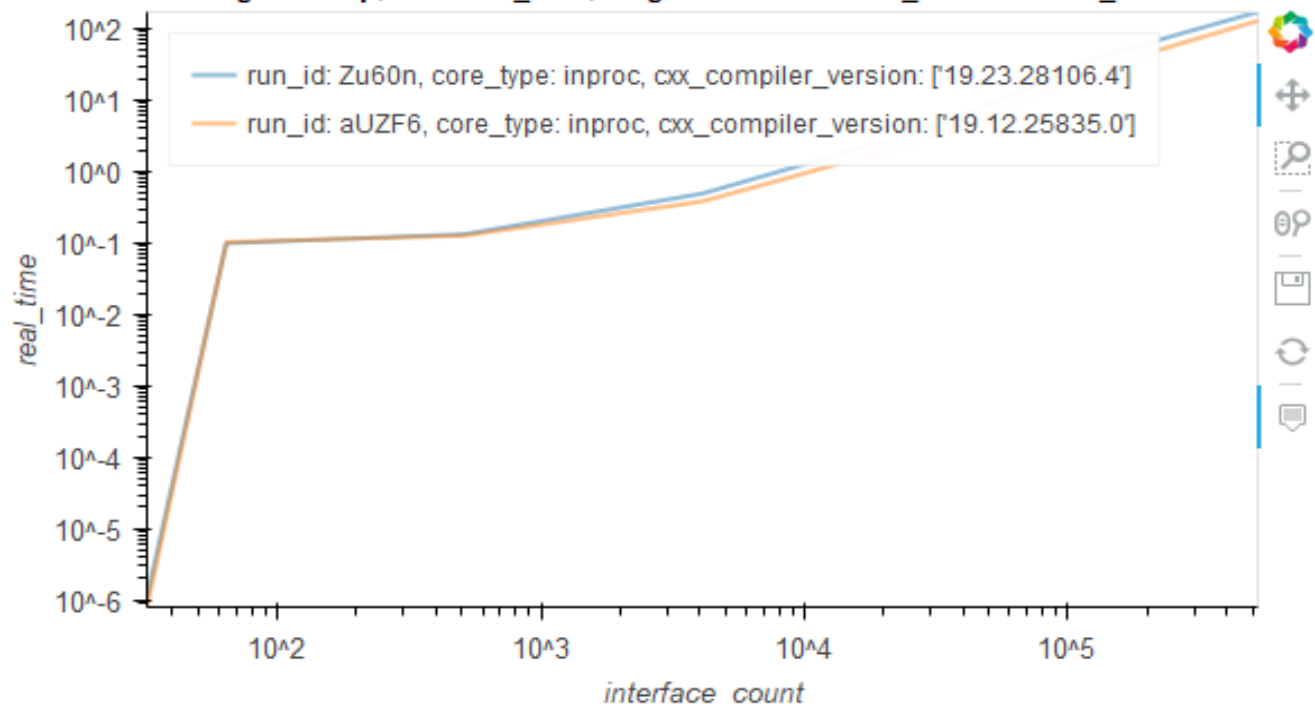
messageLookup, federate\_ct=2, singleCore: interface\_count vs real\_time



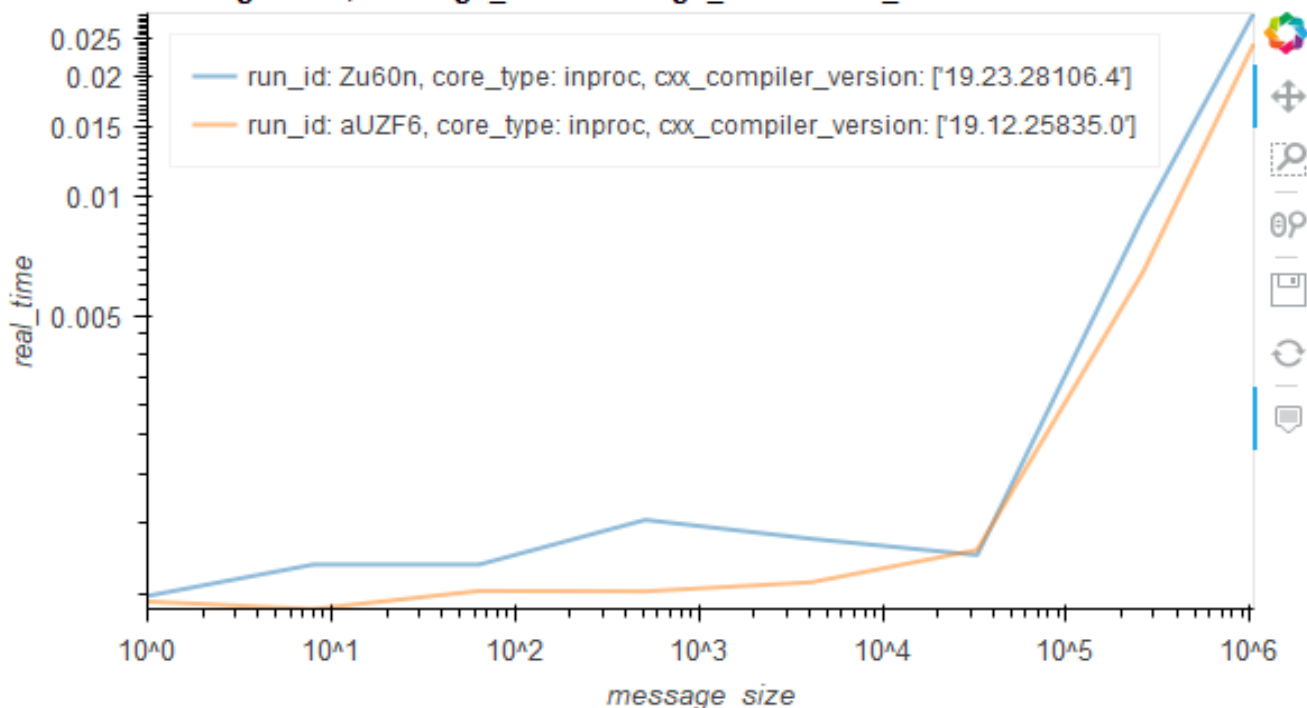
messageLookup, federate\_ct=64, singleCore: interface\_count vs real\_time



messageLookup, federate\_ct=8, singleCore: interface\_count vs real\_time

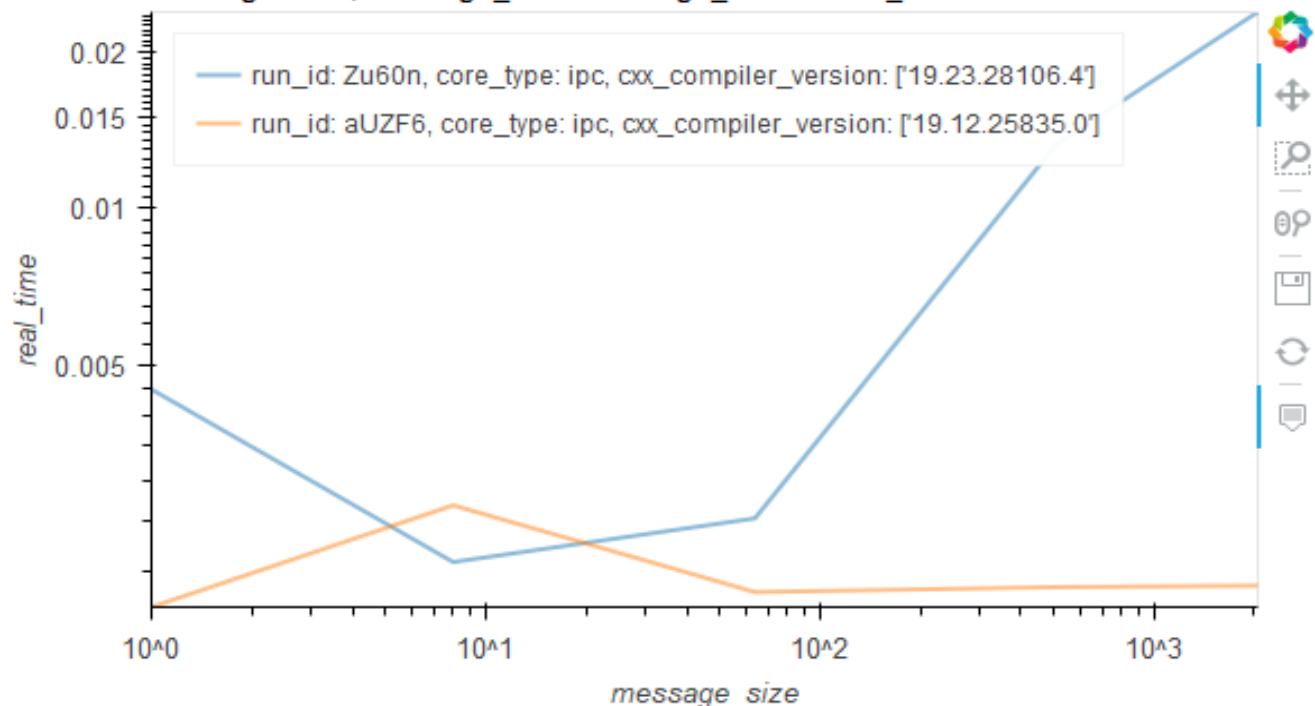


messageSend, message\_ct=1: message\_size vs real\_time

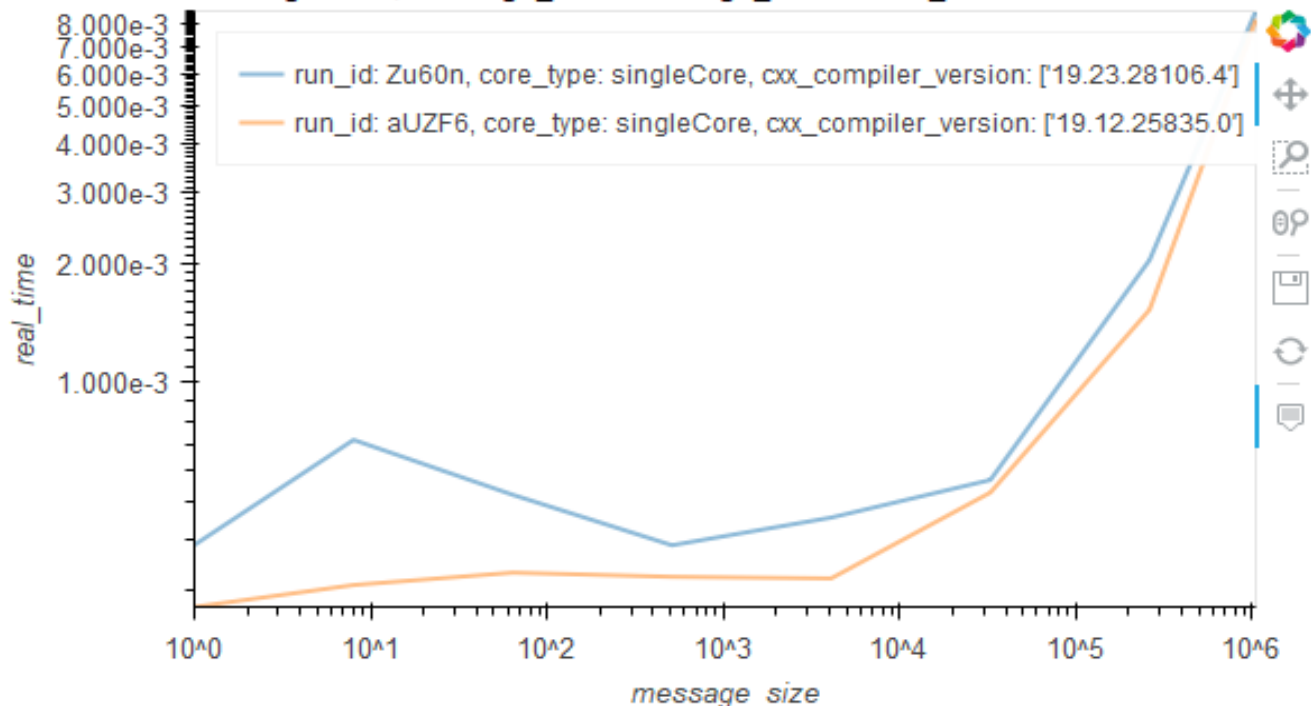




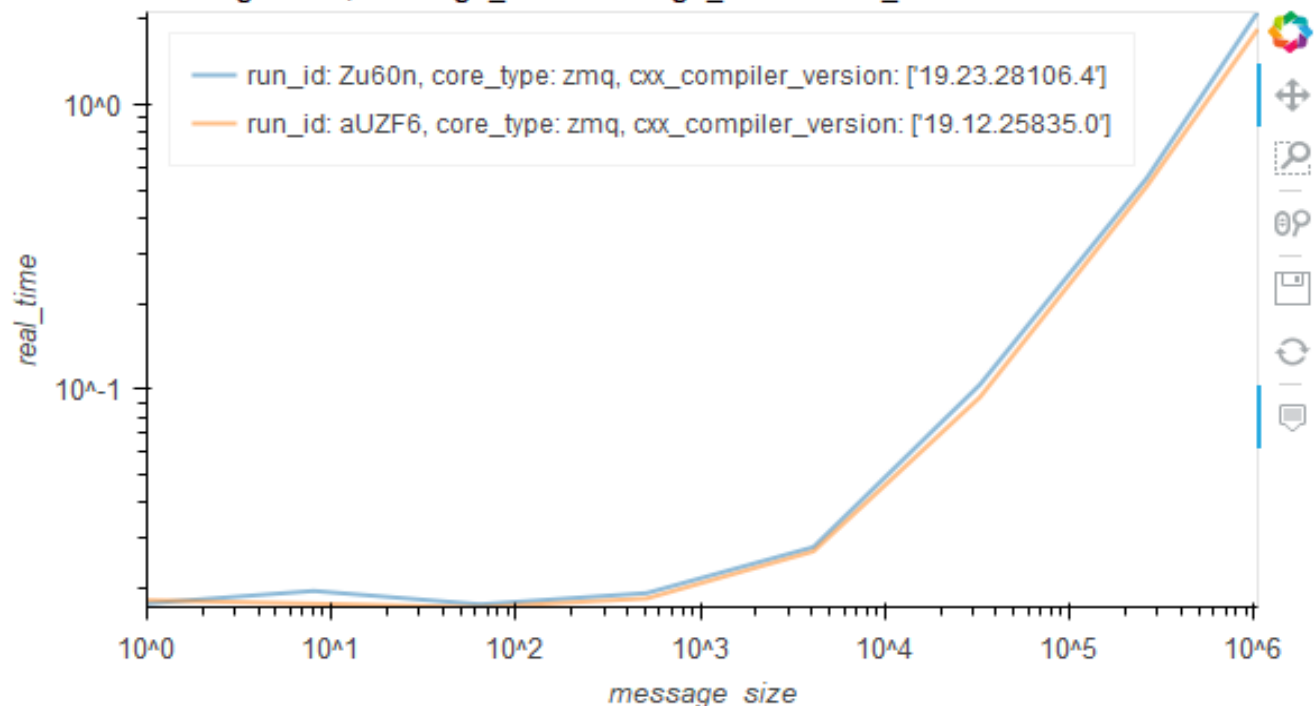
messageSend, message\_ct=1: message\_size vs real\_time



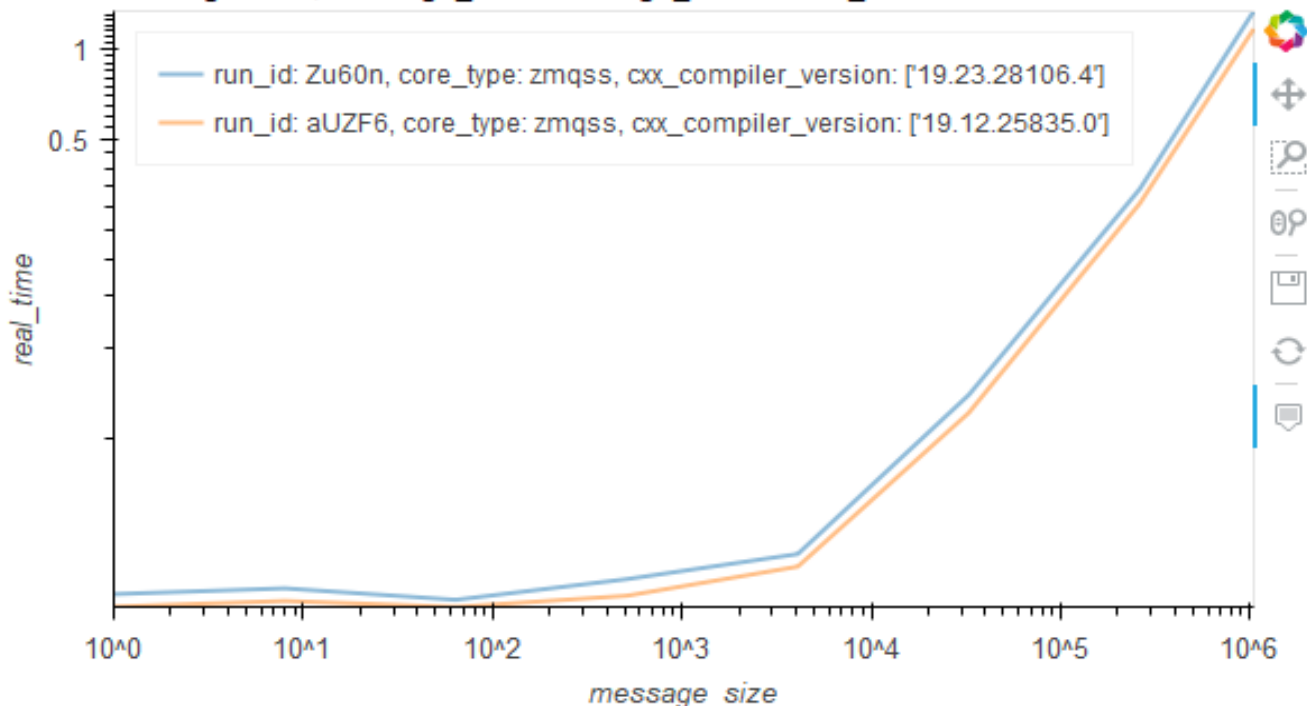
messageSend, message\_ct=1: message\_size vs real\_time



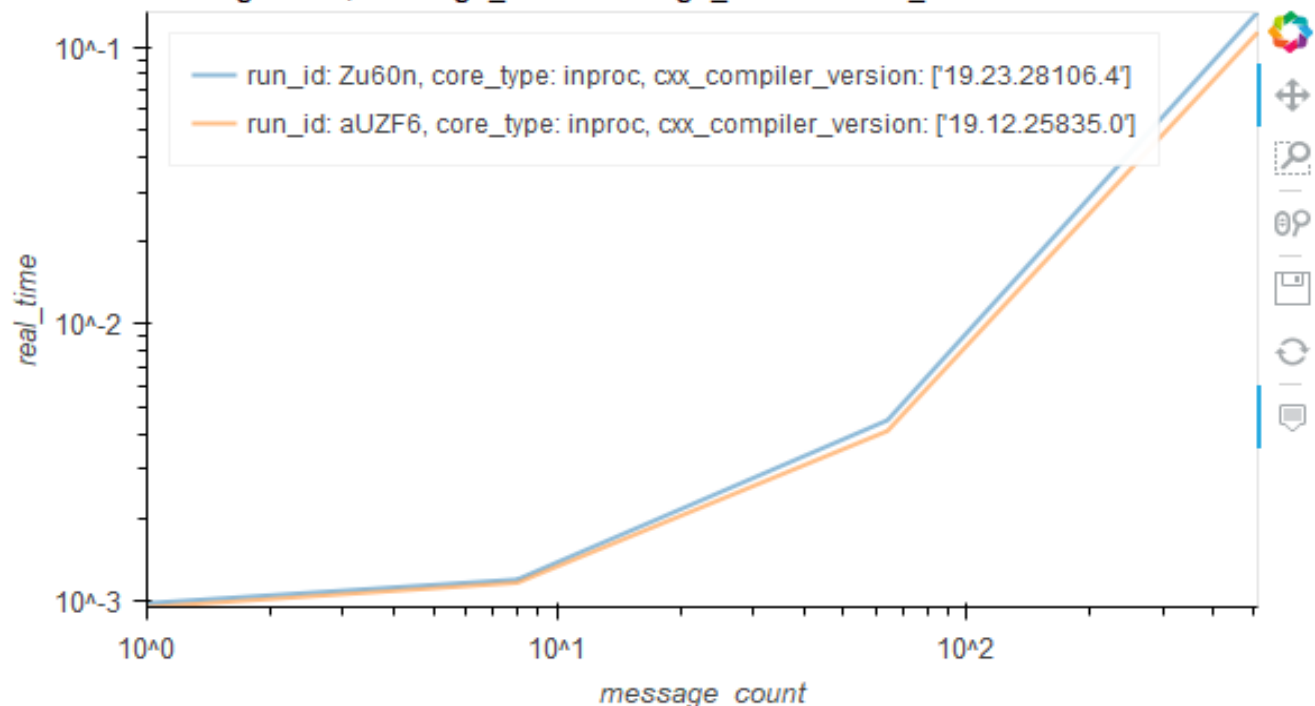
messageSend, message\_ct=1: message\_size vs real\_time



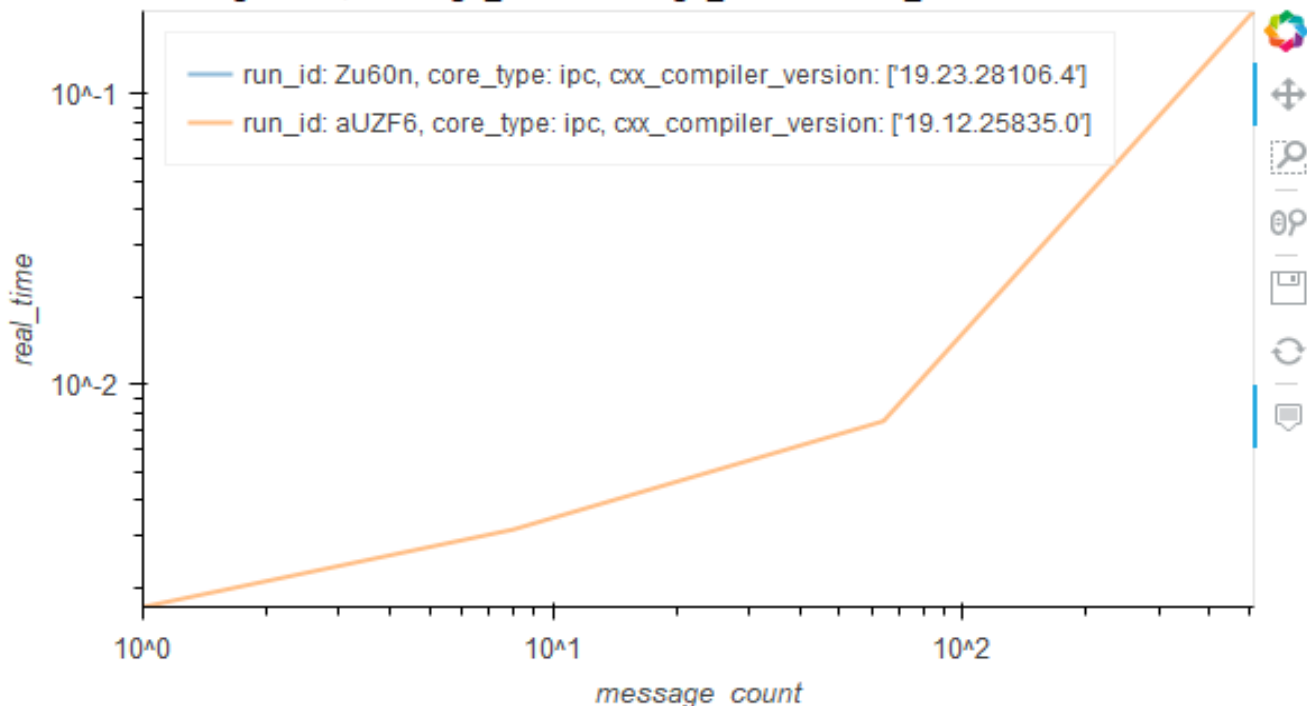
messageSend, message\_ct=1: message\_size vs real\_time



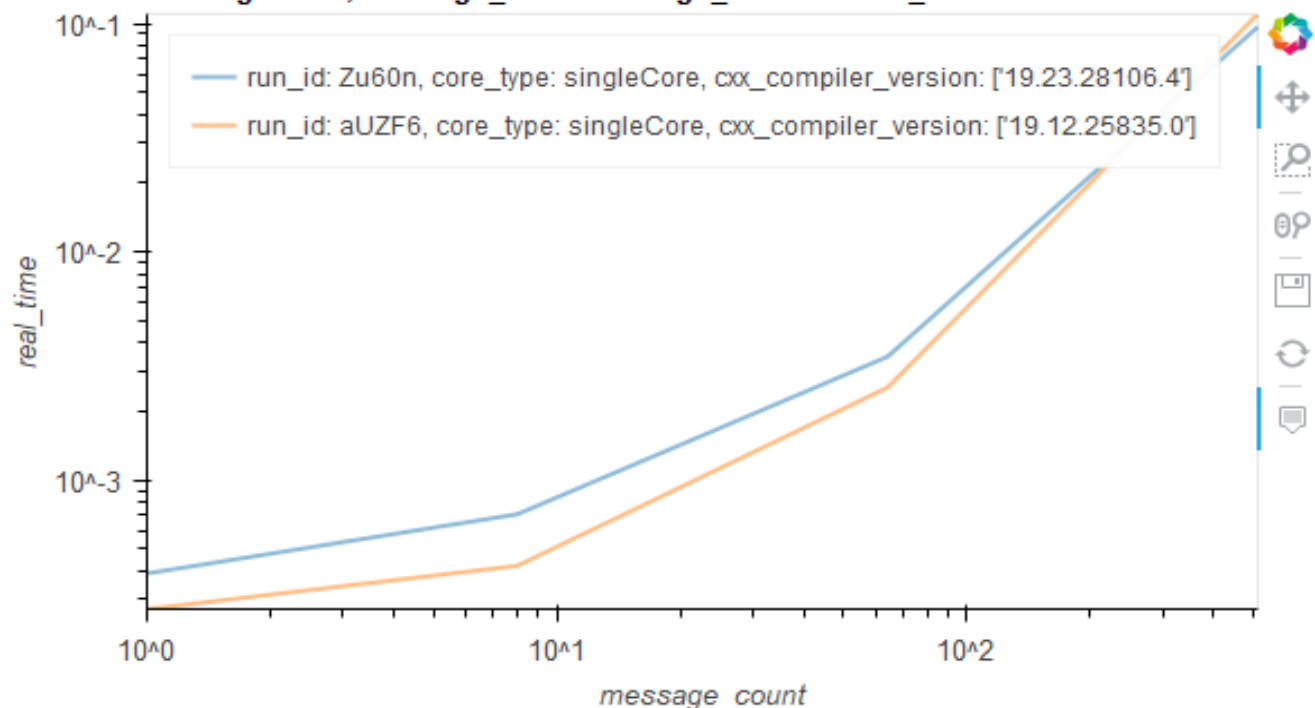
messageSend, message\_sz=1: message\_count vs real\_time



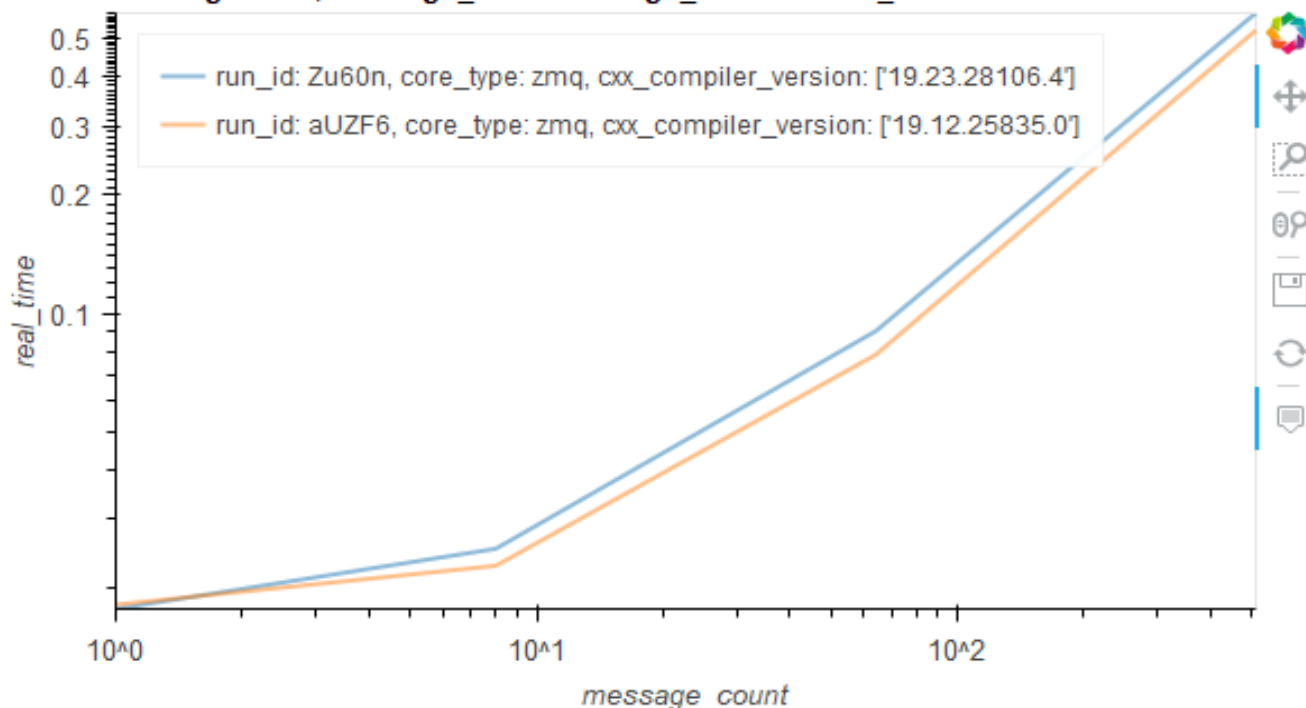
messageSend, message\_sz=1: message\_count vs real\_time



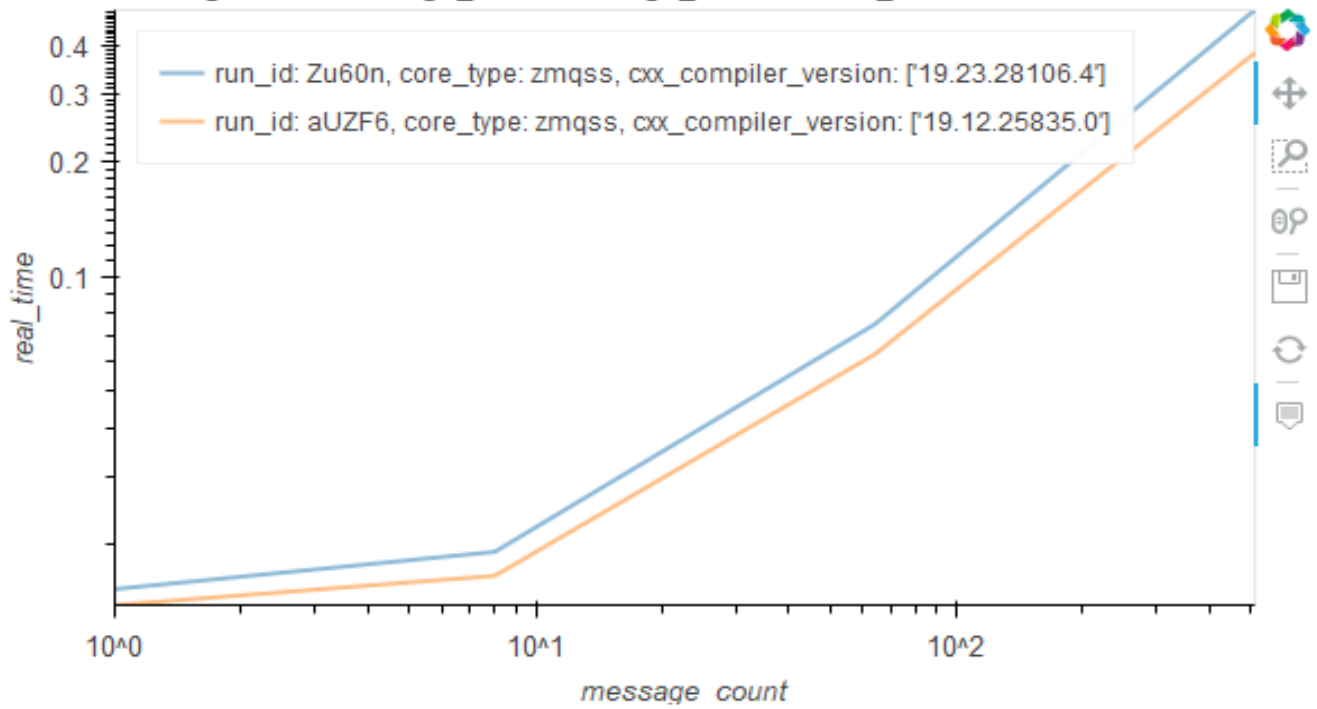
messageSend, message\_sz=1: message\_count vs real\_time



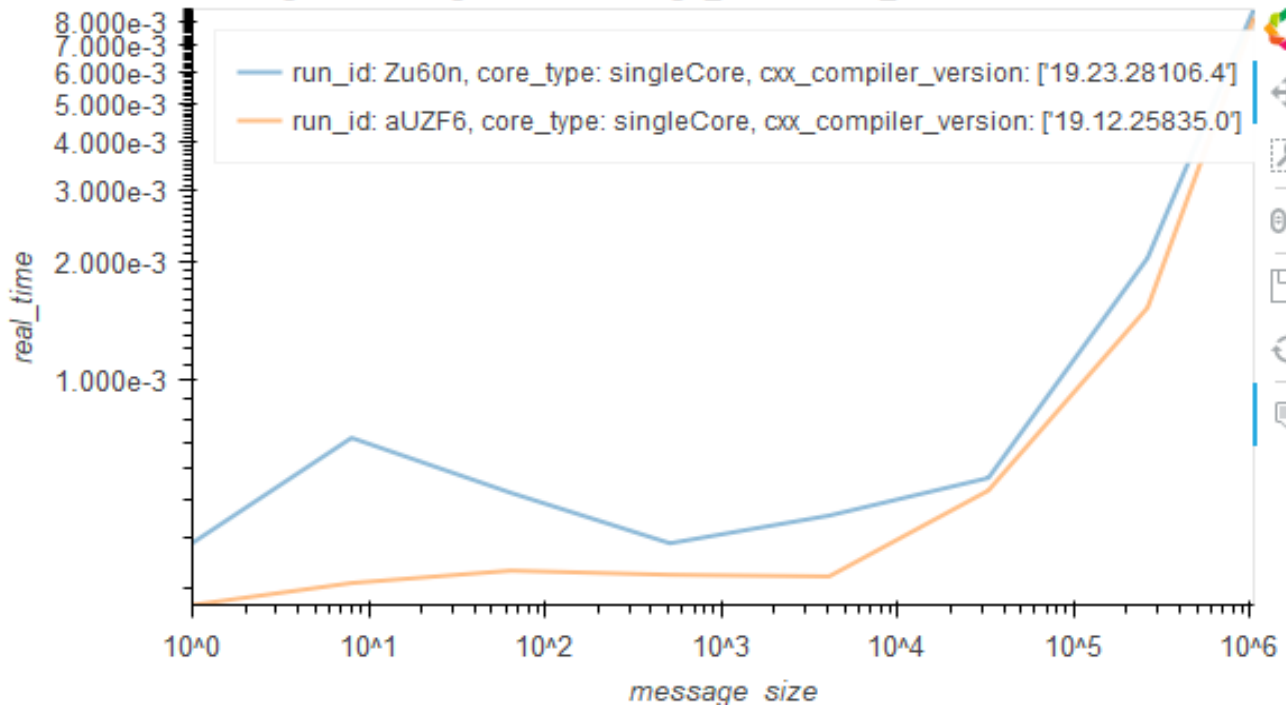
messageSend, message\_sz=1: message\_count vs real\_time



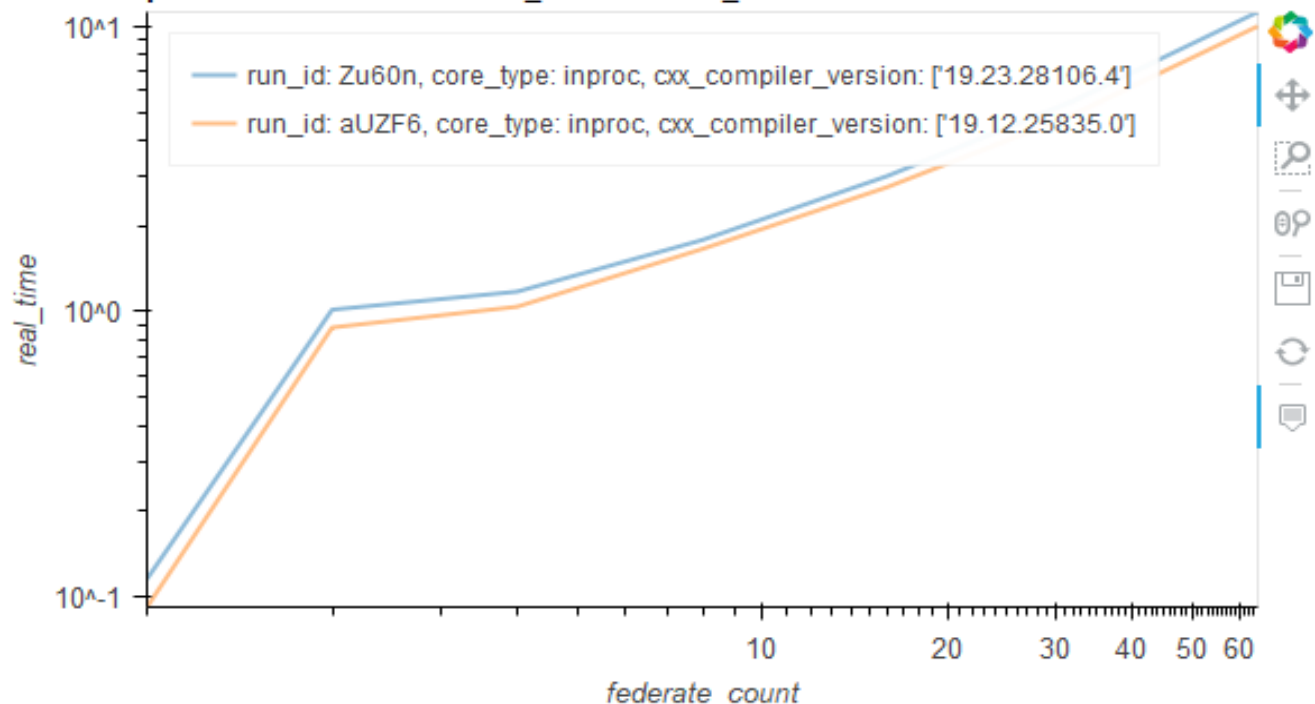
messageSend, message\_sz=1: message\_count vs real\_time



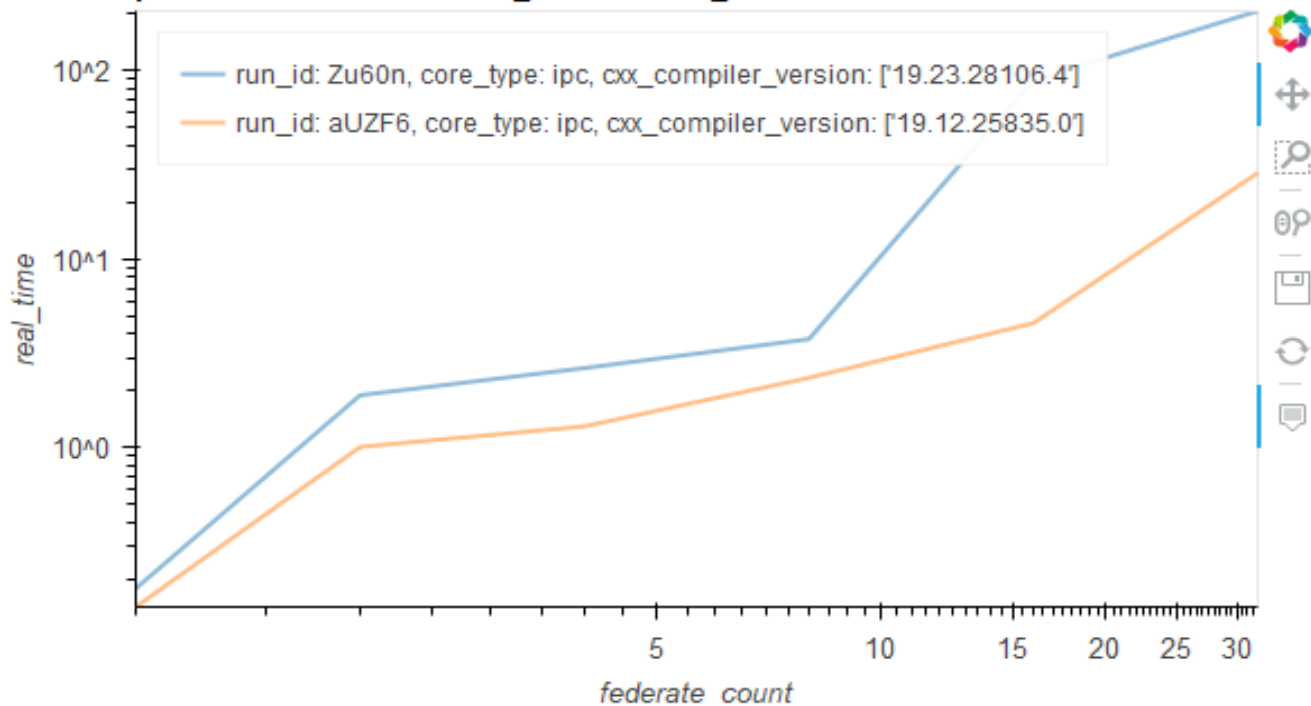
messageSend, singleCore: message\_size vs real\_time



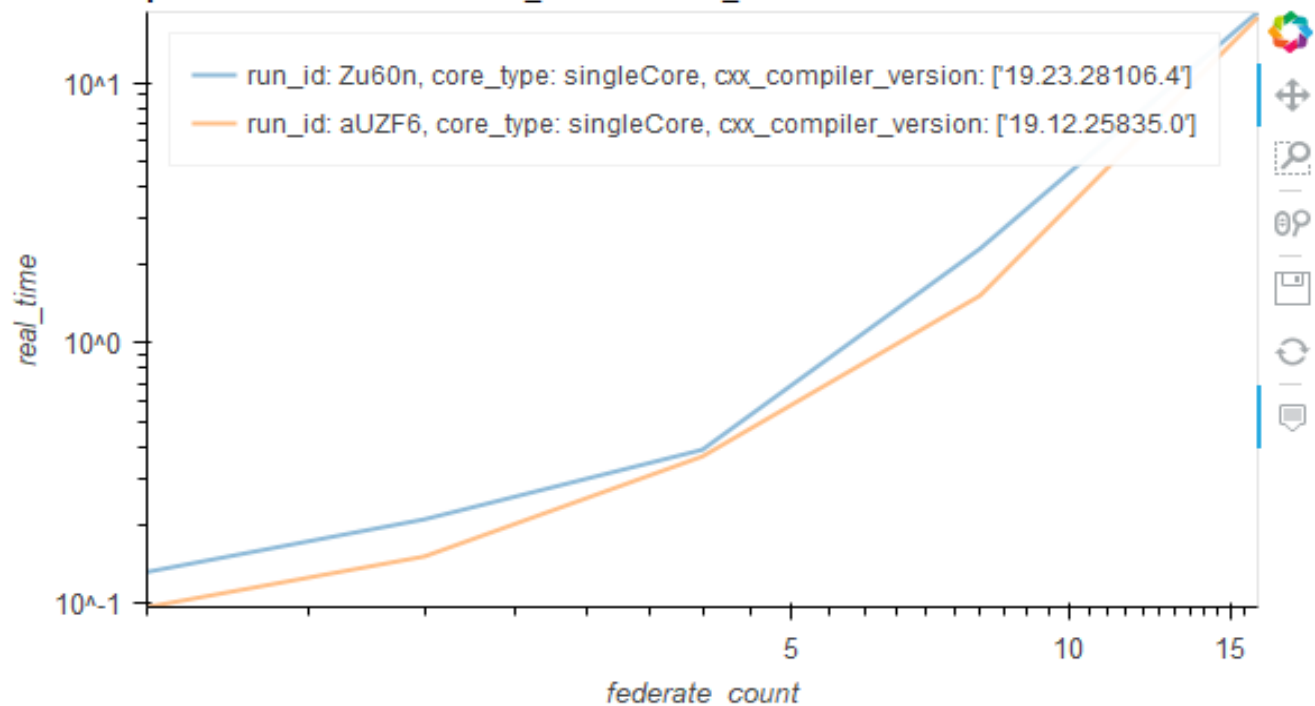
pholdBenchmark: federate\_count vs real\_time



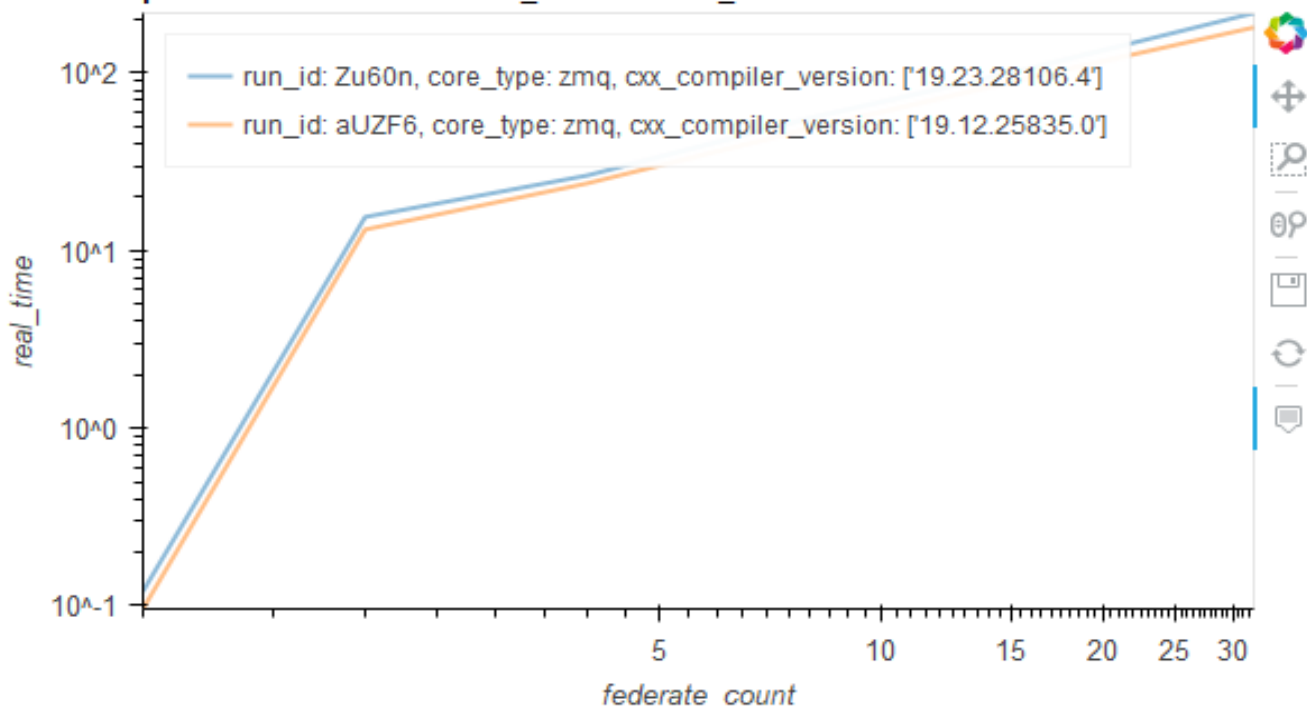
pholdBenchmark: federate\_count vs real\_time



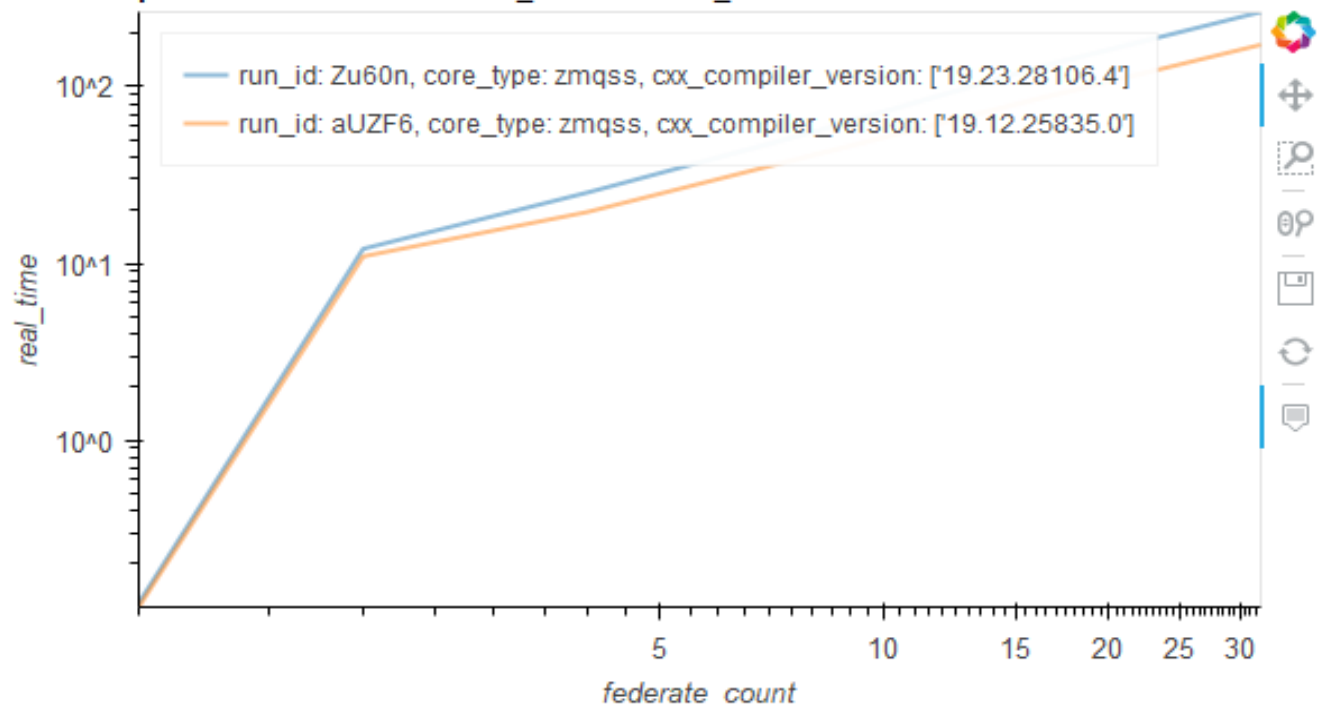
pholdBenchmark: federate\_count vs real\_time



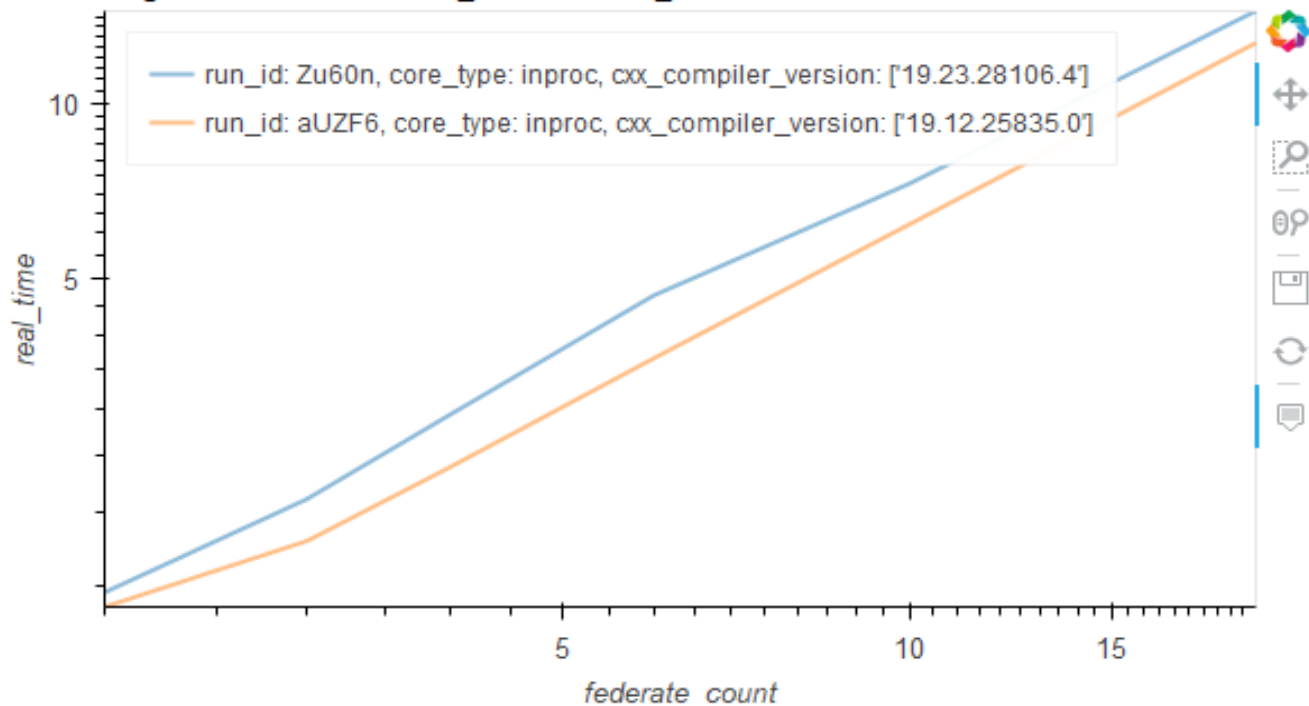
pholdBenchmark: federate\_count vs real\_time



**pholdBenchmark: federate\_count vs real\_time**

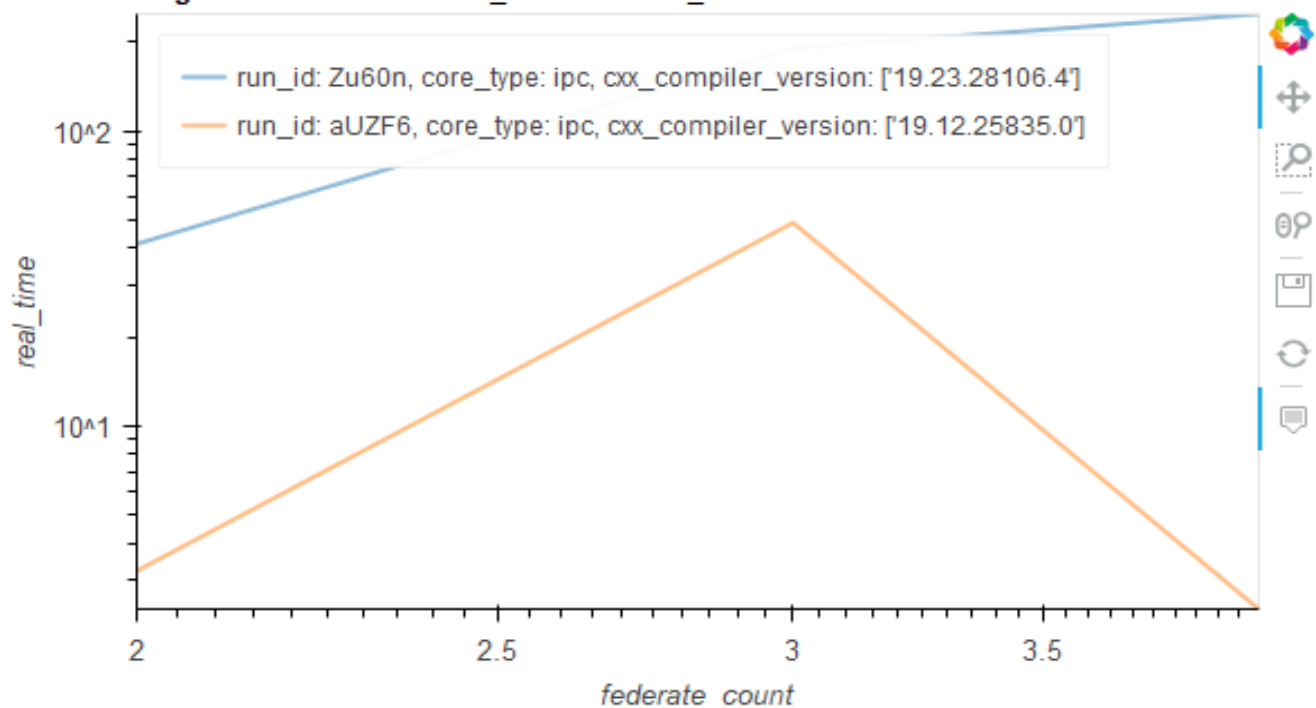


**ringBenchmark: federate\_count vs real\_time**

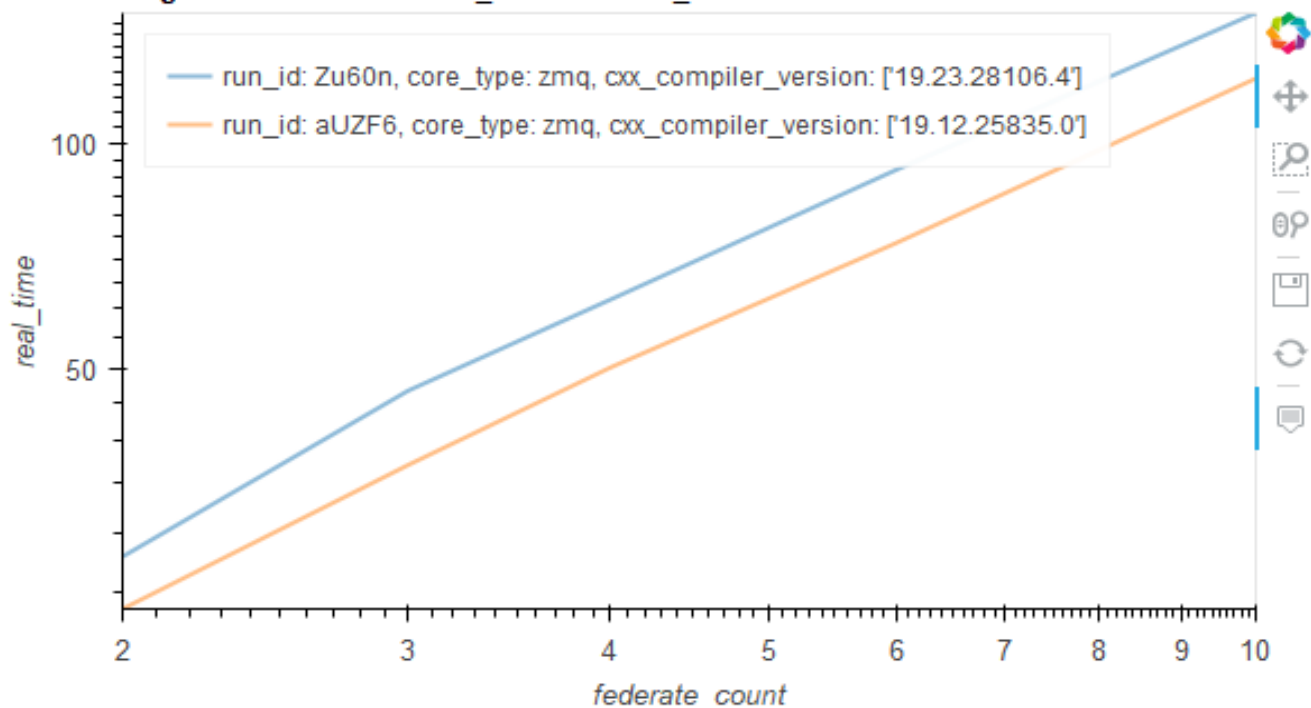




ringBenchmark: federate\_count vs real\_time



ringBenchmark: federate\_count vs real\_time



ringBenchmark: federate\_count vs real\_time

