

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt

Tue Nov 12 15:15:01 2024

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From mboxrd@z Thu Jan 1 00:00:00 1970

Return-Path: <users-return-57524-archive-asf-public=cust-asf.ponee.io@activemq.apache.org>

X-Original-To: archive-asf-public@cust-asf.ponee.io

Delivered-To: archive-asf-public@cust-asf.ponee.io

Received: from mxout1-ec2-va.apache.org (mxout1-ec2-va.apache.org [3.227.148.255])

by mx-eu-03.ponee.io (Postfix) with ESMTPTS id 0E0623E697

for <archive-asf-public@cust-asf.ponee.io>; Mon, 7 Oct 2024 17:39:42 +0000 (UTC)

C)

Received: from mail.apache.org (mailgw-he-de.apache.org [116.203.246.181])

(using TLSv1.3 with cipher TLS_AES_256_GCM_SHA384 (256/256 bits))

(No client certificate requested)

by mxout1-ec2-va.apache.org (ASF Mail Server at mxout1-ec2-va.apache.org) with

ESMTPTS id E2A9745867

for <archive-asf-public@cust-asf.ponee.io>; Mon, 7 Oct 2024 17:39:40 +0000 (UTC)

C)

Received: (qmail 3584615 invoked by uid 998); 7 Oct 2024 17:39:39 -0000

Mailing-List: contact users-help@activemq.apache.org; run by ezmlm

Precedence: bulk

List-Help: <mailto:users-help@activemq.apache.org>

List-Unsubscribe: <mailto:users-unsubscribe@activemq.apache.org>

List-Post: <mailto:users@activemq.apache.org>

List-Id: <users.activemq.apache.org>

Reply-To: users@activemq.apache.org

Delivered-To: mailing list users@activemq.apache.org

Received: (qmail 3584569 invoked by uid 116); 7 Oct 2024 17:39:38 -0000

Received: from spamproc1-he-de.apache.org (HELO spamproc1-he-de.apache.org) (116.203.196.100)

by apache.org (qpsmtpd/0.94) with ESMTPT; Mon, 07 Oct 2024 17:39:38 +0000

Authentication-Results: apache.org; auth=none

Received: from localhost (localhost [127.0.0.1])

by spamproc1-he-de.apache.org (ASF Mail Server at spamproc1-he-de.apache.org) with

ESMTPT id 0BE832000B3

for <users@activemq.apache.org>; Mon, 7 Oct 2024 17:39:38 +0000 (UTC)

X-Virus-Scanned: Debian amavisd-new at spamproc1-he-de.apache.org

X-Spam-Flag: NO

X-Spam-Score: -0.195

X-Spam-Level:

X-Spam-Status: No, score=-0.195 tagged_above=-999 required=6.31

tests=[DKIM_SIGNED=0.1, DKIM_VALID=-0.1, DKIM_VALID_AU=-0.1,

DKIM_VALID_EF=-0.1, RCVD_IN_DNSWL_BLOCKED=0.001,

RCVD_IN_MSPIKE_H3=0.001, RCVD_IN_MSPIKE_WL=0.001,

RCVD_IN_VALIDITY_RPBL_BLOCKED=0.001,

RCVD_IN_VALIDITY_SAFE_BLOCKED=0.001, SPF_PASS=-0.001,

URIBL_BLOCKED=0.001] autolearn=disabled

Authentication-Results: spamproc1-he-de.apache.org (amavisd-new);

dkim=pass (2048-bit key) header.d=gmail.com

Received: from mx1-ec2-va.apache.org ([116.203.227.195])

by localhost (spamproc1-he-de.apache.org [116.203.196.100]) (amavisd-new, port

10024)

with ESMTPT id g5YhHbnriS_f for <users@activemq.apache.org>;

Mon, 7 Oct 2024 17:39:37 +0000 (UTC)

Received-SPF: Pass (mailfrom) identity=mailfrom; client-ip=209.85.160.53; helo=mail-oa1-f53.google.com; envelope-from=mattrpav@gmail.com; receiver=<UNKNOWN>

Received: from mail-oa1-f53.google.com (mail-oa1-f53.google.com [209.85.160.53])

by mx1-ec2-va.apache.org (ASF Mail Server at mx1-ec2-va.apache.org) with ESMTPTS

id DF2C3C0C5D

for <users@activemq.apache.org>; Mon, 7 Oct 2024 17:39:36 +0000 (UTC)

Received: by mail-oa1-f53.google.com with SMTP id 586e51a60fabf-27elf62e30eso2585895fac.0

for <users@activemq.apache.org>; Mon, 07 Oct 2024 10:39:36 -0700 (PDT)

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;

d=gmail.com; s=20230601; t=1728322776; x=1728927576; darn=activemq.apache.org;

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h=message-id:in-reply-to:to:references:date:subject:mime-version
:content-transfer-encoding:from:from:to:cc:subject:date:message-id
:reply-to;
bh=B4Y2yXVrzlU5/WcidbZ/aiadzTK/AyfulJNXAnUA9Dg=;
b=JgkqPX+2yHu2Yv9wTkCxrnzDundtTCZaR5XuBHUgrx6cMfGe4jxpGjCsUSPKESxA1x
yPhNPo5lLF8hqLBByABFZtpkMJl3vtbk8zu1T6pId4D2gBjJ0vMfK7xoIkptBfjmZcE+4
DYSFLKfNQ5rt54AFpS1dSxjFj09lrola2fSReE3YeydOGVsAgLq6FumFzru8YUQJgBUL
4GIKqJdjps5h9MW0WfFa2sp12m7fDc5JgZoa3sUDn14coSjqhgY9OmUCIjVtARrnyHnJ
htixS6jiQiylnwhKsagFo0sqImjco3cI7Eg1COq7S/ZDeV7vLOysJBaQUkOSR5dSf8Gr
EFKA==

X-Google-DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;

d=1e100.net; s=20230601; t=1728322776; x=1728927576;

h=message-id:in-reply-to:to:references:date:subject:mime-version
:content-transfer-encoding:from:x-gm-message-state:from:to:cc
:subject:date:message-id:reply-to;

bh=B4Y2yXVrzlU5/WcidbZ/aiadzTK/AyfulJNXAnUA9Dg=;

b=CVoRklhO1PVSIMT3D/ktYyM6R004sfJDA2Z6Pr+5Ckiqcu49/JcWtvpTcNDemlCDCN
72eKuvZc2FypQ7kHfmXov5GCvjJjEQsm8G78v2cbaMTqn4t1tJrpRN8HsBs1tw57qY/o
tB3h77oDB32/4zUp6xCZaKMhs8Uzcl7t6y/4dHbrRn893ezELiDXaaZTqX6MowYOpIKa
bk1JaA51/F56dCiNg0WF1W6jK1Rp9qZGiZRqE6IEXSxqec4ZY1mZiZ+luqGV2NEhuDO4
LDraslpWHsDf6mJ5k/elwfjqqgddpAMlayt3uAMszRM56QGB4tUiynQDhteXxEoaD/EG/
ZitQ==

X-Gm-Message-State: AOJu0YyqIC4Lr4aFi5Fkljv2NaB5NM8yjGryyNz+s3FIeB/nIAd6YQvrr
xgOro/a+TbSloKPJjpY2uTGJXiVX03w2UHBv4kfGAWMAkDuWAKM86D8QTg==

X-Google-Smtp-Source: AGHT+IE+QeMvy898WcLlqXkptcZ9fN9okLs/ZrLT3jDcxMjUhpA+IxAZ1L0vm5cHp
8reDCK8T4wn4A==

X-Received: by 2002:a05:6870:d182:b0:259:8858:a330 with SMTP id 586e51a60fabf-28816e2e7
82mr219080fac.22.1728322775917;

Mon, 07 Oct 2024 10:39:35 -0700 (PDT)

Received: from smtpclient.apple (108-85-129-236.lightspeed.austtx.sbcglobal.net. [108.8
5.129.236])

by smtp.gmail.com with ESMTPSA id 586e51a60fabf-287d71964aesm2331231fac.31.2024
.10.07.10.39.34

for <users@activemq.apache.org>

(version=TLS1_2 cipher=ECDHE-ECDSA-AES128-GCM-SHA256 bits=128/128);

Mon, 07 Oct 2024 10:39:35 -0700 (PDT)

From: Matt Pavlovich <mattpav@gmail.com>

Content-Type: text/plain;

charset=utf-8

Content-Transfer-Encoding: quoted-printable

Mime-Version: 1.0 (Mac OS X Mail 16.0 \ (3776.700.51\))

Subject: Re: Bridging Artemis with classic

Date: Mon, 7 Oct 2024 12:39:24 -0500

References: <CAOOFvV9RpTXU7vuHJ7qeddrfzCr=P=XZEMPTx6qvghAnMGAjug@mail.gmail.com>

<CAF+kE=S5hTff8V6v5dTSKKy0wM0FBA-uzTDJxdxC-8EBmAEB6g@mail.gmail.com>

<CAF+kE=QPggjc0TTXo48Ye0yYnAwjusPCjuAng+SDchB9R8HE0sQ@mail.gmail.com>

<CAOOFvV_fzb8pdW_y8=8g=XjbdSdEU6g+Xx6mWM-YaQU9S2WCvw@mail.gmail.com>

<CAF+kE=Qn3jBr_hBhr-18aKKc8xoE+YtaMBDVJyQ+6hqRHa1+BQ@mail.gmail.com>

To: "users@activemq.apache.org" <users@activemq.apache.org>

In-Reply-To: <CAF+kE=Qn3jBr_hBhr-18aKKc8xoE+YtaMBDVJyQ+6hqRHa1+BQ@mail.gmail.com>

Message-Id: <49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com>

X-Mailer: Apple Mail (2.3776.700.51)

Hi Kunal-

I expect you=E2=80=99ll get a wide range of responses here =3D). =
ActiveMQ has two brokers, and they do similar things but it essentially =
comes down to who is the best fit for supporting your organizations=E2=80=99=
ActiveMQ infrastructure?

I take exception to Justin=E2=80=99s comments here =E2=80=94 ActiveMQ =
Classic has a fresh round of modernized releases that are more than =
dependency updates. There is a healthy list of improvements for =

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observability, extensibility, and improvements for support of multi-tenant message flows. Plans are being made for ActiveMQ Classic 7.x, as well as an approach for applying modernization without requiring fork-lift upgrade.

I=E2=80=99d also put an asterisk on the notion that recent commits are a reliable indicator of future community engagement. ActiveMQ Classic is very stable, processes billions and billions of messages per day and perhaps doesn=E2=80=99t need as many fixes?

Thanks,
Matt Pavlovich

> On Oct 4, 2024, at 11:07=E2=80=AFPM, Justin Bertram =

<jbertram@apache.org> wrote:

>=20

> Development on Classic has slowed considerably since focus has shifted to

> Artemis. Most of the folks who've contributed the most code to Classic > historically have either left the project or moved over to Artemis. = The

> Artemis repo has almost 100 more total committers and almost as many > commits as the Classic repo despite being roughly half its age. That = said,

> Classic has a dedicated following of folks who are either unable to = migrate

> (e.g. due to constraints in a legacy environment) or simply don't need = to.

> For these folks there are regular releases which mainly consist of > dependency upgrades (e.g. to deal with security issues) and bug fixes.

>=20

> Ken mentioned that both Artemis and Classic have different feature = sets,

> and while that's technically true there is, of course, a tremendous = amount

> of overlap. Pretty much every feature in Classic now has an exact or > functionally equivalent feature in Artemis.

>=20

> You'd need to get in touch with Amazon to get more details about what = might

> or might not be on their roadmap. Generally speaking, we have no = visibility

> into that as Apache community members.

>=20

>=20

> Justin

>=20

> On Thu, Oct 3, 2024 at 8:56=E2=80=AFPM Kunal Rao =

<kunal@mechination.com.au> wrote:

>=20

>> Thanks Justin.

>> I am planning to use Amazon MQ (only supports classic) as a central = broker

>> and Artemis as satellite brokers with the assumption that artemis is = a more

>> supported product and classic is treated as legacy with regards to >> development and support.

>> Firstly, Is my assumption correct?

>>=20

>> We are considering three options:

>> 1. Use "classic" everywhere. Amazon MQ can be used as a central = broker.

>> 2. Use "artemis" everywhere. benefits of Artemis outweigh "classic" =

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```
and the
>> use of managed service in Amazon MQ.
>> 3. Hybrid approach. Use Amazon MQ centrally ( hoping artemis is on =
their
>> roadmap) and Artemis on all satellite brokers.
>>=20
>> I would love to hear your thoughts on this please.
>>=20
>> Once again thanks for the prompt response.
>>=20
>> Kunal
>>=20
>> On Fri, 4 Oct 2024 at 00:51, Justin Bertram <jbertram@apache.org> =
wrote:
>>=20
>>> Just to clarify...ActiveMQ Classic doesn't support the Core protocol =
so
>>> that is why you can't use a Core bridge to integrate.
>>>=20
>>>=20
>>> Justin
>>>=20
>>> On Thu, Oct 3, 2024 at 8:29=E2=80=AFAM Justin Bertram =
<jbertram@apache.org>
>> wrote:
>>>=20
>>>> Yes. You can bridge messages from Artemis to Classic and vice =
versa.
>>>> However, you can't use a Core bridge to do it. Core bridges, as the
>> name
>>>> suggests, use the Core protocol. A Core bridge can't use the AMQP
>> protocol.
>>>>=20
>>>> I recommend Camel since it's mature, powerful, and ubiquitous. You =
can
>>> set
>>>> up Camel routes on either Artemis or Classic. Here's [1] an example =
of
>>> how
>>>> to do it on Artemis.
>>>>=20
>>>> It's also possible to use the JMS bridge that ships with Artemis =
[2].
>>>>=20
>>>>=20
>>>> Justin
>>>>=20
>>>> [1]
>>>>=20
>>>=20
>> =
https://github.com/apache/activemq-artemis-examples/tree/main/examples/fea=
tures/standard/camel
>>>> [2]
>>>>=20
>>>=20
>> =
https://github.com/apache/activemq-artemis-examples/tree/main/examples/fea=
tures/sub-modules/inter-broker-bridge/artemis-jms-bridge
>>>>=20
>>>> On Thu, Oct 3, 2024 at 2:38=E2=80=AFAM Kunal Rao =
<kunal@mechination.com.au>
>>> wrote:
```

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```
>>>>=20
>>>> Hi,
>>>>=20
>>>> Is it possible to bridge artemis with classic broker?
>>>> I am trying with AMQP protocol.
>>>>=20
>>>> I am getting this error
>>>>=20
>>>> plbroker-1 | 2024-10-03 07:34:50,270 WARN
>>>> [org.apache.activemq.artemis.core.server] AMQ224091: Bridge
>>>> BridgeImpl@6a3012f8 [name=3Damqp-bridge,
>>> queue=3DQueueImpl[name=3Dplbroker.out,
>>>> postOffice=3DPostOfficeImpl =
[server=3DActiveMQServerImpl::name=3D0.0.0.0],
>>>> temp=3Dfalse]@7af74850 targetConnector=3DServerLocatorImpl
>> (identity=3DBridge
>>>> amqp-bridge)
>>>> =
[initialConnectors=3D[TransportConfiguration(name=3Dactivemq-classic-amqp,=

>>>>=20
>>>>=20
>>>=20
>> =
factory=3Dorg.apache.activemq.artemis.core.remoting.impl.netty-NettyConnec=
torFactory)?port=3D5672&host=3Dcentralbroker&protocols=3DAMQP],
>>>> discoveryGroupConfiguration=3Dnull]] is unable to connect to
>> destination.
>>>> Retrying
>>>> centralbroker-1 | WARN | Connection attempt from non AMQP v1.0
>> client.
>>>> ARTEMIS,0
>>>> centralbroker-1 | WARN | Transport Connection to: tcp://
>>>> 172.19.0.3:33778
>>>> failed: Connection from client using unsupported AMQP attempted
>>>>=20
>>>> broker.xml
>>>> =3D=3D=3D=3D=3D=3D=3D=3D=3D
>>>>=20
>>>> <acceptors>
>>>>=20
>>>> <acceptor name=3D"artemis">
>>>> tcp://
>>>>=20
>>>>=20
>>>=20
>> =
0.0.0.0:61616?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576;a=
mqpMinLargeMessageSize=3D102400;protocols=3DCORE,AMQP,STOMP,HORNETQ,MQTT,O=
PENWIRE;useEpoll=3Dtrue;amqpCredits=3D1000;amqpLowCredits=3D300;amqpDuplic=
ateDetection=3Dtrue;supportAdvisory=3Dfalse;suppressInternalManagementObje=
cts=3Dfalse
>>>> </acceptor>
>>>>=20
>>>> <!-- AMQP Acceptor. Listens on default AMQP port for AMQP =
traffic.-->
>>>> <acceptor name=3D"amqp">
>>>> tcp://
>>>>=20
>>>>=20
>>>=20
>> =
0.0.0.0:5672?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576;pr=
```

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt

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otocols=3DAMQP;useEpoll=3Dtrue;amqpCredits=3D1000;amqpLowCredits=3D300;amq=
pMinLargeMessageSize=3D102400;amqpDuplicateDetection=3Dtrue;handshake-time=
out=3D0

>>>>> </acceptor>

>>>>>=20

>>>>> <!-- STOMP Acceptor. -->

>>>>> <acceptor name=3D"stomp">

>>>>> tcp://

>>>>>=20

>>>>>=20

>>>=20

>> =

0.0.0.0:61613?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576;p=
rotocols=3DSTOMP;useEpoll=3Dtrue

>>>>> </acceptor>

>>>>>=20

>>>>> <!-- HornetQ Compatibility Acceptor. Enables HornetQ Core and =
STOMP

>> for

>>>>> legacy HornetQ

>>>>> clients. -->

>>>>> <acceptor name=3D"hornetq">

>>>>> tcp://

>>>>>=20

>>>>>=20

>>>=20

>> =

0.0.0.0:5445?anycastPrefix=3Djms.queue.;multicastPrefix=3Djms.topic.;proto=
cols=3DHORNETQ,STOMP;useEpoll=3Dtrue

>>>>> </acceptor>

>>>>>=20

>>>>> <!-- MQTT Acceptor -->

>>>>> <acceptor name=3D"mqtt">

>>>>> tcp://

>>>>>=20

>>>>>=20

>>>=20

>> =

0.0.0.0:1883?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576;pr=
otocols=3DMQTT;useEpoll=3Dtrue

>>>>> </acceptor>

>>>>>=20

>>>>> </acceptors>

>>>>>=20

>>>>> <bridges>

>>>>> <bridge name=3D"amqp-bridge">

>>>>> <queue-name>plbroker.out</queue-name>

>>>>> <forwarding-address>centralbroker.in</forwarding-address>

>>>>> <user>admin</user>

>>>>> <password>admin</password>

>>>>> <static-connectors>

>>>>> <connector-ref>activemq-classic-amqp</connector-ref>

>>>>> </static-connectors>

>>>>> </bridge>

>>>>> </bridges>

>>>>>=20

>>>>>=20

>>>>> <connectors>

>>>>> <connector name=3D"activemq-classic-amqp">

>>>>> tcp://centralbroker:5672?protocols=3DAMQP</connector>

>>>>> </connectors>

>>>>>=20

>>>>>=20

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```
>>>>> activemq.xml
>>>>> =3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D
>>>>>=20
>>>>> <transportConnectors>
>>>>> <!-- DOS protection, limit concurrent connections to 1000 and =
frame
>> size
>>>>> to
>>>>> 100MB -->
>>>>> <transportConnector name=3D"openwire"
>>>>> uri=3D"tcp://0.0.0.0:61616?maximumConnections=3D1000&amp;
>>>>> wireFormat.maxFrameSize=3D104857600000" />
>>>>> <transportConnector name=3D"amqp"
>>>>> uri=3D"amqp://0.0.0.0:5672?maximumConnections=3D1000&amp;
>>>>> wireFormat.maxFrameSize=3D104857600" />
>>>>> <transportConnector name=3D"stomp"
>>>>> uri=3D"stomp://0.0.0.0:61613?maximumConnections=3D1000&amp;
>>>>> wireFormat.maxFrameSize=3D104857600" />
>>>>> <transportConnector name=3D"mqtt"
>>>>> uri=3D"mqtt://0.0.0.0:1883?maximumConnections=3D1000&amp;
>>>>> wireFormat.maxFrameSize=3D104857600" />
>>>>> <transportConnector name=3D"ws"
>>>>> uri=3D"ws://0.0.0.0:61614?maximumConnections=3D1000&amp;
>>>>> wireFormat.maxFrameSize=3D104857600" />
>>>>> </transportConnectors>
>>>>>=20
>>>>>=20
>>>>> what am i doing wrong?
>>>>>=20
>>>>> Cheers
>>>>> Kunal
>>>>>=20
>>>>=20
>>>=20
>>=20
>=20
```

To unsubscribe, e-mail: users-unsubscribe@activemq.apache.org
For additional commands, e-mail: users-help@activemq.apache.org
For further information, visit: <https://activemq.apache.org/contact>

From mboxrd@z Thu Jan 1 00:00:00 1970

Return-Path: <users-return-57519-archive-asf-public=cust-asf.ponee.io@activemq.apache.org>

X-Original-To: archive-asf-public@cust-asf.ponee.io

Delivered-To: archive-asf-public@cust-asf.ponee.io

Received: from mxout1-he-de.apache.org (mxout1-he-de.apache.org [95.216.194.37])

by mx-eu-03.ponee.io (Postfix) with ESMTPS id 612663E80C

for <archive-asf-public@cust-asf.ponee.io>; Sat, 5 Oct 2024 04:07:37 +0000 (UTC)

Received: from mail.apache.org (mailgw-he-de.apache.org [IPv6:2a01:4f8:c2c:d4aa::1])

(using TLSv1.3 with cipher TLS_AES_256_GCM_SHA384 (256/256 bits)

key-exchange X25519 server-signature RSA-PSS (4096 bits) server-digest SHA256)

(No client certificate requested)

by mxout1-he-de.apache.org (ASF Mail Server at mxout1-he-de.apache.org) with ESMTPS id C42A4626BE

for <archive-asf-public@cust-asf.ponee.io>; Sat, 5 Oct 2024 04:07:36 +0000 (UTC)

Received: (qmail 4112071 invoked by uid 998); 5 Oct 2024 04:07:35 -0000

Mailing-List: contact users-help@activemq.apache.org; run by ezmlm

Precedence: bulk

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List-Help: <mailto:users-help@activemq.apache.org>
List-Unsubscribe: <mailto:users-unsubscribe@activemq.apache.org>
List-Post: <mailto:users@activemq.apache.org>
List-Id: <users.activemq.apache.org>
Reply-To: users@activemq.apache.org
Delivered-To: mailing list users@activemq.apache.org
Received: (gmail 4112051 invoked by uid 116); 5 Oct 2024 04:07:35 -0000
Received: from ec2-52-204-25-47.compute-1.amazonaws.com (HELO mailrelay1-ec2-va.apache.org) (52.204.25.47)
by apache.org (qpsmtpd/0.94) with ESMTP; Sat, 05 Oct 2024 04:07:35 +0000
Authentication-Results: apache.org; auth=none
Received: from mail-ed1-f54.google.com (mail-ed1-f54.google.com [209.85.208.54])
by mailrelay1-ec2-va.apache.org (ASF Mail Server at mailrelay1-ec2-va.apache.org) with ESMTPSA id CABAB4006F
for <users@activemq.apache.org>; Sat, 5 Oct 2024 04:07:31 +0000 (UTC)
Received: by mail-ed1-f54.google.com with SMTP id 4fb4d7f45d1cf-5c88e4a7c53so3033969a12.0
for <users@activemq.apache.org>; Fri, 04 Oct 2024 21:07:31 -0700 (PDT)
X-Gm-Message-State: AOJu0YzXJ5VN3XSQiCwid6pUdTq/SCNB7gMfYixivBMgLSH101FQwbFW
bn2QiOhjTejj5U/OZb+2kYY9bio0drTfpjvBu2UC3T/dsynjk6cplwlr+3BcsOHoesHRFnnV7Ns
CzHzLUiTzs264xoRZkmYZx0xSmMmUNvMBE2eVPw==
X-Google-Smtp-Source: AGHT+IFvw9QkLFPvDL5E3q1JfK/7nQY34KXIImzw82KLGCxqvOnGhgsWrptckDie0
xEdF+fHSNzpMPF8bNkmkzg/E3M=
X-Received: by 2002:a05:6402:358f:b0:5c8:77a5:d480 with SMTP id
4fb4d7f45d1cf-5c8d2cff6elmr2928440a12.1.1728101250940; Fri, 04 Oct 2024
21:07:30 -0700 (PDT)
MIME-Version: 1.0
References: <CAOOFvV9RpTXU7vuHJ7qeddrfzCr=P=XZEMPTx6qvghAnMGAjug@mail.gmail.com>
<CAF+kE=S5hTff8V6v5dTSKKy0wM0FBA-uzTDJxdxC-8EBmAeb6g@mail.gmail.com>
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In-Reply-To: <CAOOFvV_fzb8pdW_y8=8g=XjbdSdEU6g+Xx6mWM-YaQU9S2WCvw@mail.gmail.com>
From: Justin Bertram <jbertram@apache.org>
Date: Fri, 4 Oct 2024 23:07:04 -0500
X-Gmail-Original-Message-ID: <CAF+kE=Qn3jBr_hBhr-18aKKc8xoE+YtaMBDVJyQ+6hqRHa1+BQ@mail.gmail.com>
Message-ID: <CAF+kE=Qn3jBr_hBhr-18aKKc8xoE+YtaMBDVJyQ+6hqRHa1+BQ@mail.gmail.com>
Subject: Re: Bridging Artemis with classic
To: users@activemq.apache.org
Content-Type: multipart/alternative; boundary="000000000000032e0c00623b2ed97"

--000000000000032e0c00623b2ed97

Content-Type: text/plain; charset="UTF-8"

Content-Transfer-Encoding: quoted-printable

Development on Classic has slowed considerably since focus has shifted to Artemis. Most of the folks who've contributed the most code to Classic historically have either left the project or moved over to Artemis. The Artemis repo has almost 100 more total committers and almost as many commits as the Classic repo despite being roughly half its age. That said, Classic has a dedicated following of folks who are either unable to migrate (e.g. due to constraints in a legacy environment) or simply don't need to. For these folks there are regular releases which mainly consist of dependency upgrades (e.g. to deal with security issues) and bug fixes.

Ken mentioned that both Artemis and Classic have different feature sets, and while that's technically true there is, of course, a tremendous amount of overlap. Pretty much every feature in Classic now has an exact or functionally equivalent feature in Artemis.

You'd need to get in touch with Amazon to get more details about what might or might not be on their roadmap. Generally speaking, we have no visibility into that as Apache community members.

Justin

On Thu, Oct 3, 2024 at 8:56=E2=80=AFPM Kunal Rao <kunal@mechination.com.au> wrote:

> Thanks Justin.
> I am planning to use Amazon MQ (only supports classic) as a central broker
> and Artemis as satellite brokers with the assumption that artemis is a more
> supported product and classic is treated as legacy with regards to
> development and support.
> Firstly, Is my assumption correct?
>
> We are considering three options:
> 1. Use "classic" everywhere. Amazon MQ can be used as a central broker.
> 2. Use "artemis" everywhere. benefits of Artemis outweigh "classic" and the
> use of managed service in Amazon MQ.
> 3. Hybrid approach. Use Amazon MQ centrally (hoping artemis is on their
> roadmap) and Artemis on all satellite brokers.
>
> I would love to hear your thoughts on this please.
>
> Once again thanks for the prompt response.
>
> Kunal
>
> On Fri, 4 Oct 2024 at 00:51, Justin Bertram <jbertram@apache.org> wrote:
>
> > Just to clarify...ActiveMQ Classic doesn't support the Core protocol so
> > that is why you can't use a Core bridge to integrate.
> >
> >
> > Justin
> >
> > On Thu, Oct 3, 2024 at 8:29=E2=80=AFAM Justin Bertram <jbertram@apache.org>
> wrote:
> >
> > > Yes. You can bridge messages from Artemis to Classic and vice versa.
> > > However, you can't use a Core bridge to do it. Core bridges, as the
> > name
> > > suggests, use the Core protocol. A Core bridge can't use the AMQP
> > protocol.
> > >
> > > I recommend Camel since it's mature, powerful, and ubiquitous. You can
> > set
> > > up Camel routes on either Artemis or Classic. Here's [1] an example of
> > how
> > > to do it on Artemis.
> > >
> > > It's also possible to use the JMS bridge that ships with Artemis [2].
> > >
> > >
> > > Justin
> > >
> > > [1]
> > >

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> > >>

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt

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```
> > > <!-- AMQP Acceptor. Listens on default AMQP port for AMQP traffic.-->
>
> > > <acceptor name=3D"amqp">
> > > tcp://
> > >
> > >
> > >
> 0.0.0.0:5672?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576;p=
rotocols=3DAMQP;useEpoll=3Dtrue;amqpCredits=3D1000;amqpLowCredits=3D300;amq=
pMinLargeMessageSize=3D102400;amqpDuplicateDetection=3Dtrue;handshake-timeo=
ut=3D0
> > > </acceptor>
> > >
> > > <!-- STOMP Acceptor. -->
> > > <acceptor name=3D"stomp">
> > > tcp://
> > >
> > >
> > >
> 0.0.0.0:61613?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576;=
protocols=3DSTOMP;useEpoll=3Dtrue
> > > </acceptor>
> > >
> > > <!-- HornetQ Compatibility Acceptor. Enables HornetQ Core and STOMP
> for
> > > legacy HornetQ
> > > clients. -->
> > > <acceptor name=3D"hornetq">
> > > tcp://
> > >
> > >
> > >
> > >
> 0.0.0.0:5445?anycastPrefix=3Djms.queue.;multicastPrefix=3Djms.topic.;prot=
ocols=3DHORNETQ,STOMP;useEpoll=3Dtrue
> > > </acceptor>
> > >
> > > <!-- MQTT Acceptor -->
> > > <acceptor name=3D"mqtt">
> > > tcp://
> > >
> > >
> > >
> > >
> 0.0.0.0:1883?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576;p=
rotocols=3DMQTT;useEpoll=3Dtrue
> > > </acceptor>
> > >
> > > </acceptors>
> > >
> > > <bridges>
> > > <bridge name=3D"amqp-bridge">
> > > <queue-name>plbroker.out</queue-name>
> > > <forwarding-address>centralbroker.in</forwarding-address>
> > > <user>admin</user>
> > > <password>admin</password>
> > > <static-connectors>
> > > <connector-ref>activemq-classic-amqp</connector-ref>
> > > </static-connectors>
> > > </bridge>
> > > </bridges>
> > >
> > >
> > > <connectors>
> > > <connector name=3D"activemq-classic-amqp">
```

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt

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```
> > > tcp://centralbroker:5672?protocols=3DAMQP</connector>
> > > </connectors>
> > >
> > >
> > > activemq.xml
> > > =3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D
> > >
> > > <transportConnectors>
> > > <!-- DOS protection, limit concurrent connections to 1000 and frame
> size
> > > to
> > > 100MB -->
> > > <transportConnector name=3D"openwire"
> > > uri=3D"tcp://0.0.0.0:61616?maximumConnections=3D1000&amp;
> > > wireFormat.maxFrameSize=3D104857600000" />
> > > <transportConnector name=3D"amqp"
> > > uri=3D"amqp://0.0.0.0:5672?maximumConnections=3D1000&amp;
> > > wireFormat.maxFrameSize=3D104857600" />
> > > <transportConnector name=3D"stomp"
> > > uri=3D"stomp://0.0.0.0:61613?maximumConnections=3D1000&amp;
> > > wireFormat.maxFrameSize=3D104857600" />
> > > <transportConnector name=3D"mqtt"
> > > uri=3D"mqtt://0.0.0.0:1883?maximumConnections=3D1000&amp;
> > > wireFormat.maxFrameSize=3D104857600" />
> > > <transportConnector name=3D"ws"
> > > uri=3D"ws://0.0.0.0:61614?maximumConnections=3D1000&amp;
> > > wireFormat.maxFrameSize=3D104857600" />
> > > </transportConnectors>
> > >
> > >
> > > what am i doing wrong?
> > >
> > > Cheers
> > > Kunal
> > >
> > >
> > >
>
```

--000000000000032e0c00623b2ed97--

From mboxrd@z Thu Jan 1 00:00:00 1970

Return-Path: <users-return-57516-archive-asf-public=cust-asf.ponee.io@activemq.apache.org>

X-Original-To: archive-asf-public@cust-asf.ponee.io

Delivered-To: archive-asf-public@cust-asf.ponee.io

Received: from mxout1-ec2-va.apache.org (mxout1-ec2-va.apache.org [3.227.148.255])
by mx-eu-03.ponee.io (Postfix) with ESMTPS id 802123E69C

for <archive-asf-public@cust-asf.ponee.io>; Fri, 4 Oct 2024 01:56:03 +0000 (UTC)

Received: from mail.apache.org (mailgw-he-de.apache.org [116.203.246.181])
(using TLSv1.3 with cipher TLS_AES_256_GCM_SHA384 (256/256 bits))
(No client certificate requested)

by mxout1-ec2-va.apache.org (ASF Mail Server at mxout1-ec2-va.apache.org) with
ESMTPS id C328B469CF

for <archive-asf-public@cust-asf.ponee.io>; Fri, 4 Oct 2024 01:55:43 +0000 (UTC)

Received: (qmail 1987649 invoked by uid 998); 4 Oct 2024 01:55:41 -0000

Mailing-List: contact users-help@activemq.apache.org; run by ezmlm

Precedence: bulk

List-Help: <mailto:users-help@activemq.apache.org>

List-Unsubscribe: <mailto:users-unsubscribe@activemq.apache.org>

List-Post: <mailto:users@activemq.apache.org>

List-Id: <users.activemq.apache.org>

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt

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Reply-To: users@activemq.apache.org

Delivered-To: mailing list users@activemq.apache.org

Received: (qmail 1987623 invoked by uid 116); 4 Oct 2024 01:55:39 -0000

Received: from spamproc1-he-de.apache.org (HELO spamproc1-he-de.apache.org) (116.203.196.100)

by apache.org (qpsmtpd/0.94) with ESMTP; Fri, 04 Oct 2024 01:55:39 +0000

Authentication-Results: apache.org; auth=none

Received: from localhost (localhost [127.0.0.1])

by spamproc1-he-de.apache.org (ASF Mail Server at spamproc1-he-de.apache.org) with ESMTP id A984A2001C6

for <users@activemq.apache.org>; Fri, 4 Oct 2024 01:55:39 +0000 (UTC)

X-Virus-Scanned: Debian amavisd-new at spamproc1-he-de.apache.org

X-Spam-Flag: NO

X-Spam-Score: 2.057

X-Spam-Level: **

X-Spam-Status: No, score=2.057 tagged_above=-999 required=6.31
tests=[DKIM_SIGNED=0.1, DKIM_VALID=-0.1, DKIM_VALID_AU=-0.1,
DKIM_VALID_EF=-0.1, HTML_MESSAGE=0.2, MANY_SUBDOM=3.099,
NORMAL_HTTP_TO_IP=0.001, NUMERIC_HTTP_ADDR=0.001,
RCVD_IN_DNSWL_BLOCKED=0.001, RCVD_IN_MSPIKE_H2=-1.048,
RCVD_IN_VALIDITY_RPBL_BLOCKED=0.001,
RCVD_IN_VALIDITY_SAFE_BLOCKED=0.001, SPF_PASS=-0.001,
URIBL_BLOCKED=0.001, WEIRD_PORT=0.001] autolearn=disabled

Authentication-Results: spamproc1-he-de.apache.org (amavisd-new);

dkim=pass (1024-bit key) header.d=mechination.com.au

Received: from mx1-ec2-va.apache.org ([116.203.227.195])

by localhost (spamproc1-he-de.apache.org [116.203.196.100]) (amavisd-new, port 10024)

with ESMTP id lX-YuSC8o7OF for <users@activemq.apache.org>;

Fri, 4 Oct 2024 01:55:38 +0000 (UTC)

Received-SPF: Pass (mailfrom) identity=mailfrom; client-ip=209.85.128.177; helo=mail-yw1-f177.google.com; envelope-from=kunal@mechination.com.au; receiver=<UNKNOWN>

Received: from mail-yw1-f177.google.com (mail-yw1-f177.google.com [209.85.128.177])

by mx1-ec2-va.apache.org (ASF Mail Server at mx1-ec2-va.apache.org) with ESMTPS id 5BB4EC0C42

for <users@activemq.apache.org>; Fri, 4 Oct 2024 01:55:38 +0000 (UTC)

Received: by mail-yw1-f177.google.com with SMTP id 00721157ae682-6e214c3d045sol3319637b3.0

for <users@activemq.apache.org>; Thu, 03 Oct 2024 18:55:38 -0700 (PDT)

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;

d=mechination.com.au; s=google; t=1728006932; x=1728611732; darn=activemq.apache.org;

h=to:subject:message-id:date:from:in-reply-to:references:mime-version

:from:to:cc:subject:date:message-id:reply-to;

bh=6DqxGUxy8gfTgph9XDCWTivdD6E2P790bHDYQWEJrws=;

b=fblJnPJF45V5Acp7xnkVLRoZJt94SVt8kSSvfUFscv0XEnhBMGC+F+xPnkJq7w2url
4idLzUkGlFpP8u4oTGnV2UL3z6htEFbMqTTell3g7xiq4NpndwXs7w86HZg9Q1h8csHa
7ZcPKe4al3cx8WTauAjJS9WNJG0cqWLEkNiNs=

X-Google-DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;

d=1e100.net; s=20230601; t=1728006932; x=1728611732;

h=to:subject:message-id:date:from:in-reply-to:references:mime-version

:x-gm-message-state:from:to:cc:subject:date:message-id:reply-to;

bh=6DqxGUxy8gfTgph9XDCWTivdD6E2P790bHDYQWEJrws=;

b=Dx8U4J5AqdkRkxz1HlwZ8f2OwnMuKIYA5axkvCp+hYrO/2QA8Bi2uXYJ0hkhlqk4RQ
5yYT4nTmsq0vjuiRrfIAtz268WtpRC4DCf4G4CO7SW6PFbZzG89a1MSgbv0BxF1TUh6Z
Uyxs7VpPo2HmUT1nB5iXy9qXQNYugxns9+UiqtectezYcyQp0n2RcOybdNqv0LKTNMTq
kB7F0SHX07s7SspQoCOTxRbo+JnZfM4iEwq7qawPNjnTAbSeeR6S+Kgh6Gu8yh8vA0Lf
lIEg9011lunyJ5B+z7enm10LgBN5CyCVFqwp5tUTx8kIeTTSA3xOwcEB/Qs2a/suXGSBy
ADLw==

X-Gm-Message-State: AOJu0YwBfCWjcNe+aRmHwNLakQ4lxrKjuzu7u2Zrjw6UoTlglk2t3vLp

YK9Y82zui44iTodcntc80H+Ge+Zf3JMOUMKIqtRdiD0eJ9CmDqX7FsyOVgtJdRrORovjCV7D8Tz

g9EkeOqSB89601b201etYW2LogInByR+/AyVCAIUBAkMED3q

X-Google-Smtp-Source: AGHT+IE3w5Uvsw1DfIgr1zvsDcoWuWvi0K7ZzAq1RZFowya3eM+MRu4vKto9+tG+X

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt

Tue Nov 12 15:15:01 2024

14

o1AL4TsdtywkzVwubaVUzoN8yc=

X-Received: by 2002:a05:690c:7009:b0:6e0:12e:e470 with SMTP id

00721157ae682-6e2c7238be0mr12370367b3.25.1728006931714; Thu, 03 Oct 2024

18:55:31 -0700 (PDT)

MIME-Version: 1.0

References: <CAOOFvV9RpTXU7vuHJ7qeddrfzCr=P=XZEMPTx6qvghAnMGAjug@mail.gmail.com>

<CAF+kE=S5hTff8V6v5dTSKKy0wM0FBA-uzTDJxdxC-8EBmAEB6g@mail.gmail.com> <CAF+kE=QPgjc0TTX

o48Ye0yYnAwjusPCjuANg+SDchB9R8HE0sQ@mail.gmail.com>

In-Reply-To: <CAF+kE=QPgjc0TTXo48Ye0yYnAwjusPCjuANg+SDchB9R8HE0sQ@mail.gmail.com>

From: Kunal Rao <kunal@mechination.com.au>

Date: Fri, 4 Oct 2024 09:55:20 +0800

Message-ID: <CAOOFvV_fzb8pdW_y8=8g=XjbdSdEU6g+Xx6mWM-YaQU9S2WCvw@mail.gmail.com>

Subject: Re: Bridging Artemis with classic

To: users@activemq.apache.org

Content-Type: multipart/alternative; boundary="000000000000055c92806239cf752"

--000000000000055c92806239cf752

Content-Type: text/plain; charset="UTF-8"

Content-Transfer-Encoding: quoted-printable

Thanks Justin.

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Firstly, Is my assumption correct?

We are considering three options:

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2. Use "artemis" everywhere. benefits of Artemis outweigh "classic" and the use of managed service in Amazon MQ.
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I would love to hear your thoughts on this please.

Once again thanks for the prompt response.

Kunal

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> Just to clarify...ActiveMQ Classic doesn't support the Core protocol so
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>

>

> Justin

>

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> g> wrote:

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> > Yes. You can bridge messages from Artemis to Classic and vice versa.

> > However, you can't use a Core bridge to do it. Core bridges, as the nam=
> e

> > suggests, use the Core protocol. A Core bridge can't use the AMQP
> protocol.

> >

> > I recommend Camel since it's mature, powerful, and ubiquitous. You can
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> > to do it on Artemis.

> >

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt

Tue Nov 12 15:15:01 2024

15

```
> > It's also possible to use the JMS bridge that ships with Artemis [2].
> >
> >
> > Justin
> >
> > [1]
> >
> https://github.com/apache/activemq-artemis-examples/tree/main/examples/fe=
atures/standard/camel
> > [2]
> >
> https://github.com/apache/activemq-artemis-examples/tree/main/examples/fe=
atures/sub-modules/inter-broker-bridge/artemis-jms-bridge
> >
> > On Thu, Oct 3, 2024 at 2:38=E2=80=AFAM Kunal Rao <kunal@mechination.com=
.au>
> wrote:
> >
> >> Hi,
> >>
> >> Is it possible to bridge artemis with classic broker?
> >> I am trying with AMQP protocol.
> >>
> >> I am getting this error
> >>
> >> plbroker-1          | 2024-10-03 07:34:50,270 WARN
> >> [org.apache.activemq.artemis.core.server] AMQ224091: Bridge
> >> BridgeImpl@6a3012f8 [name=3Damqp-bridge,
> >> queue=3DQueueImpl[name=3Dplbroker.out,
> >> postOffice=3DPostOfficeImpl [server=3DActiveMQServerImpl::name=3D0.0.0=
.0],
> >> temp=3Dfalse]@7af74850 targetConnector=3DServerLocatorImpl (identity=
=3DBridge
> >> amqp-bridge)
> >> [initialConnectors=3D[TransportConfiguration(name=3Dactivemq-classic-a=
mqp,
> >>
> >>
> >> factory=3Dorg.apache.activemq.artemis.core.remoting.impl.netty-NettyConne=
ctorFactory)?port=3D5672&host=3Dcentralbroker&protocols=3DAMQP],
> >> discoveryGroupConfiguration=3Dnull]] is unable to connect to destinati=
on.
> >> Retrying
> >> centralbroker-1    |   WARN | Connection attempt from non AMQP v1.0 clien=
t.
> >> ARTEMIS,0
> >> centralbroker-1    |   WARN | Transport Connection to: tcp://
> >> 172.19.0.3:33778
> >> failed: Connection from client using unsupported AMQP attempted
> >>
> >> broker.xml
> >> =3D=3D=3D=3D=3D=3D=3D=3D=3D
> >>
> >> <acceptors>
> >>
> >> <acceptor name=3D"artemis">
> >> tcp://
> >>
> >>
> 0.0.0.0:61616?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576;=
amqpMinLargeMessageSize=3D102400;protocols=3DCORE,AMQP,STOMP,HORNETQ,MQTT,O=
PENWIRE;useEpoll=3Dtrue;amqpCredits=3D1000;amqpLowCredits=3D300;amqpDuplica=
teDetection=3Dtrue;supportAdvisory=3Dfalse;suppressInternalManagementObject=
```

```
s=3Dfalse
> >> </acceptor>
> >>
> >> <!-- AMQP Acceptor. Listens on default AMQP port for AMQP traffic.-->
> >> <acceptor name=3D"amqp">
> >> tcp://
> >>
> >>
> 0.0.0.0:5672?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576;p=
rotocols=3DAMQP;useEpoll=3Dtrue;amqpCredits=3D1000;amqpLowCredits=3D300;amq=
pMinLargeMessageSize=3D102400;amqpDuplicateDetection=3Dtrue;handshake-timeo=
ut=3D0
> >> </acceptor>
> >>
> >> <!-- STOMP Acceptor. -->
> >> <acceptor name=3D"stomp">
> >> tcp://
> >>
> >>
> 0.0.0.0:61613?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576;=
protocols=3DSTOMP;useEpoll=3Dtrue
> >> </acceptor>
> >>
> >> <!-- HornetQ Compatibility Acceptor. Enables HornetQ Core and STOMP fo=
r
> >> legacy HornetQ
> >> clients. -->
> >> <acceptor name=3D"hornetq">
> >> tcp://
> >>
> >>
> 0.0.0.0:5445?anycastPrefix=3Djms.queue.;multicastPrefix=3Djms.topic.;prot=
ocols=3DHORNETQ,STOMP;useEpoll=3Dtrue
> >> </acceptor>
> >>
> >> <!-- MQTT Acceptor -->
> >> <acceptor name=3D"mqtt">
> >> tcp://
> >>
> >>
> 0.0.0.0:1883?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576;p=
rotocols=3DMQTT;useEpoll=3Dtrue
> >> </acceptor>
> >>
> >> </acceptors>
> >>
> >> <bridges>
> >> <bridge name=3D"amqp-bridge">
> >> <queue-name>plbroker.out</queue-name>
> >> <forwarding-address>centralbroker.in</forwarding-address>
> >> <user>admin</user>
> >> <password>admin</password>
> >> <static-connectors>
> >> <connector-ref>activemq-classic-amqp</connector-ref>
> >> </static-connectors>
> >> </bridge>
> >> </bridges>
> >>
> >>
> >> <connectors>
> >> <connector name=3D"activemq-classic-amqp">
> >> tcp://centralbroker:5672?protocols=3DAMQP</connector>
> >> </connectors>
```


./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt

Tue Nov 12 15:15:01 2024

17

```
> >>
> >>
> >> activemq.xml
> >> =3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D
> >>
> >> <transportConnectors>
> >> <!-- DOS protection, limit concurrent connections to 1000 and frame si=
ze
> >> to
> >> 100MB -->
> >> <transportConnector name=3D"openwire"
> >> uri=3D"tcp://0.0.0.0:61616?maximumConnections=3D1000&amp;
> >> wireFormat.maxFrameSize=3D104857600000" />
> >> <transportConnector name=3D"amqp"
> >> uri=3D"amqp://0.0.0.0:5672?maximumConnections=3D1000&amp;
> >> wireFormat.maxFrameSize=3D104857600" />
> >> <transportConnector name=3D"stomp"
> >> uri=3D"stomp://0.0.0.0:61613?maximumConnections=3D1000&amp;
> >> wireFormat.maxFrameSize=3D104857600" />
> >> <transportConnector name=3D"mqtt"
> >> uri=3D"mqtt://0.0.0.0:1883?maximumConnections=3D1000&amp;
> >> wireFormat.maxFrameSize=3D104857600" />
> >> <transportConnector name=3D"ws"
> >> uri=3D"ws://0.0.0.0:61614?maximumConnections=3D1000&amp;
> >> wireFormat.maxFrameSize=3D104857600" />
> >> </transportConnectors>
> >>
> >>
> >> what am i doing wrong?
> >>
> >> Cheers
> >> Kunal
> >>
> >
>
```

--000000000000055c92806239cf752--

From mboxrd@z Thu Jan 1 00:00:00 1970

Return-Path: <users-return-57517-archive-asf-public=cust-asf.ponee.io@activemq.apache.org>

X-Original-To: archive-asf-public@cust-asf.ponee.io

Delivered-To: archive-asf-public@cust-asf.ponee.io

Received: from mxout1-he-de.apache.org (mxout1-he-de.apache.org [95.216.194.37])

by mx-eu-03.ponee.io (Postfix) with ESMTPS id 053583E69C

for <archive-asf-public@cust-asf.ponee.io>; Fri, 4 Oct 2024 06:22:36 +0000 (UTC)

Received: from mail.apache.org (mailgw-he-de.apache.org [IPv6:2a01:4f8:c2c:d4aa::1])

(using TLSv1.3 with cipher TLS_AES_256_GCM_SHA384 (256/256 bits)

key-exchange X25519 server-signature RSA-PSS (4096 bits) server-digest SHA256)

(No client certificate requested)

by mxout1-he-de.apache.org (ASF Mail Server at mxout1-he-de.apache.org) with ESMTPS id C7B7564127

for <archive-asf-public@cust-asf.ponee.io>; Fri, 4 Oct 2024 06:22:35 +0000 (UTC)

C)

Received: (qmail 2260028 invoked by uid 998); 4 Oct 2024 06:22:34 -0000

Mailing-List: contact users-help@activemq.apache.org; run by ezmlm

Precedence: bulk

List-Help: <mailto:users-help@activemq.apache.org>

List-Unsubscribe: <mailto:users-unsubscribe@activemq.apache.org>

List-Post: <mailto:users@activemq.apache.org>

List-Id: <users.activemq.apache.org>

Reply-To: users@activemq.apache.org

Delivered-To: mailing list users@activemq.apache.org

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt

Tue Nov 12 15:15:01 2024

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Received: (qmail 2260009 invoked by uid 116); 4 Oct 2024 06:22:33 -0000

Received: from spamproc1-he-fi.apache.org (HELO spamproc1-he-fi.apache.org) (95.217.134.168)

by apache.org (qpsmtpd/0.94) with ESMTP; Fri, 04 Oct 2024 06:22:33 +0000

Authentication-Results: apache.org; auth=none

Received: from localhost (localhost [127.0.0.1])

by spamproc1-he-fi.apache.org (ASF Mail Server at spamproc1-he-fi.apache.org) with ESMTP id 6ECC4C2206

for <users@activemq.apache.org>; Fri, 4 Oct 2024 06:22:33 +0000 (UTC)

X-Virus-Scanned: Debian amavisd-new at spamproc1-he-fi.apache.org

X-Spam-Flag: NO

X-Spam-Score: 2.548

X-Spam-Level: **

X-Spam-Status: No, score=2.548 tagged_above=-999 required=6.31

tests=[DKIM_SIGNED=0.1, DKIM_VALID=-0.1, DKIM_VALID_AU=-0.1, DKIM_VALID_EF=-0.1, FREEMAIL_ENVFROM_END_DIGIT=0.25, HTML_MESSAGE=0.2, MANY_SUBDOM=3.199, NORMAL_HTTP_TO_IP=0.001, NUMERIC_HTTP_ADDR=0.001, RCVD_IN_MSPIKE_H2=-0.906, RCVD_IN_VALIDITY_RPBL_BLOCKED=0.001, RCVD_IN_VALIDITY_SAFE_BLOCKED=0.001, SPF_PASS=-0.001, URIBL_BLOCKED=0.001, WEIRD_PORT=0.001] autolearn=disabled

Authentication-Results: spamproc1-he-fi.apache.org (amavisd-new);

dkim=pass (2048-bit key) header.d=gmail.com

Received: from mx1-ec2-va.apache.org ([116.203.227.195])

by localhost (spamproc1-he-fi.apache.org [95.217.134.168]) (amavisd-new, port 10024)

with ESMTP id 8HVd4XNDBSZj for <users@activemq.apache.org>;

Fri, 4 Oct 2024 06:22:32 +0000 (UTC)

Received-SPF: Pass (mailfrom) identity=mailfrom; client-ip=209.85.208.182; helo=mail-lj1-f182.google.com; envelope-from=kenliao94@gmail.com; receiver=<UNKNOWN>

Received: from mail-lj1-f182.google.com (mail-lj1-f182.google.com [209.85.208.182])

by mx1-ec2-va.apache.org (ASF Mail Server at mx1-ec2-va.apache.org) with ESMTPS id A6F0DC0C55

for <users@activemq.apache.org>; Fri, 4 Oct 2024 06:22:31 +0000 (UTC)

Received: by mail-lj1-f182.google.com with SMTP id 38308e7fff4ca-2fad100dd9fso27101431fa.3

for <users@activemq.apache.org>; Thu, 03 Oct 2024 23:22:31 -0700 (PDT)

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;

d=gmail.com; s=20230601; t=1728022950; x=1728627750; darn=activemq.apache.org;

h=to:subject:message-id:date:from:in-reply-to:references:mime-version

:from:to:cc:subject:date:message-id:reply-to;

bh=2FwVX8BRyRal9NJSxg4YZCapjPHqmD2hsWyEbtAmTvI=;

b=i3j2myl10opAvM3XcY4DPr4f+Ueci2UC0NR6iNW5xMcITD0gOEcd1dIxtc4RkqAxv20XY2sB4Q4Qtrib9N82TZK6OrNnVmJGRs0n0venRluZGI+c0e94CnbU1OKNFdo7HqXDJh+Tu4sf5X6gF2H0WdpncB55W44uW4bZeRvcnPUBiUzqprzsXkBbTvAMEsXLIzmgmnrJmrFb6YTnpYBOKZiF78suWMw4c9wzCMviTm2EkNu0F9LF83akSgC1hBLmT3tePSOE15UBZR0+eylVNVVIBlhsnaqvndJtJ6oGjVGSfVvZaPjpex3YgliXVUw38SH5W/gBYcWCVP7+BWPQFOg==

X-Google-DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;

d=1e100.net; s=20230601; t=1728022950; x=1728627750;

h=to:subject:message-id:date:from:in-reply-to:references:mime-version

:x-gm-message-state:from:to:cc:subject:date:message-id:reply-to;

bh=2FwVX8BRyRal9NJSxg4YZCapjPHqmD2hsWyEbtAmTvI=;

b=iWY8jxNqSxJEfcjde0rTfgPsodaS4PcVuZGWTegqs1RYPdvYUcKD2nAn89W7sd97E/M7GSbBBQLYKpuZmjNaOw7qtHB+UL9EcYFagkS/F1OW6lGVHgTwFF3hmciPqgzOsVxWerjCRtE54fKhmtqwl6pHscIZD5IiHBVv0k5EdrQBPG4boWWf4/Vc102AV5qcG/q9DT6pvFL283JWeEl4Q8k1K721y91lkAGTP+riHftR069IPgbIO04qln9Pg9o5MDXR9kMrK3EX52Qife9azzkoumrpkQvZqYGgbPRObqrahczJOCsSeSGWUxsG+Wl6gsc5HnBKhm5034Y26/r8ENg==

X-Gm-Message-State: AOUu0YzGqMc4ls5C0MaCUE3sCND1fadGZ+rQskW8Y65cIw0VqMilnt7t

fIVkO/suMWAQvTnpwAlMp5eWR7q5Agw50YzACrIZ+eEXGIjfrZwPaqJmEfCfWgG52oN/eKLj4r+

TARuAscDmRKqHkflF9cWdolIUWu2wbFhDumE=

X-Google-Smtp-Source: AGHT+IGtFQkyFXCrLAdJt/EgGsQvL/eIXFgPDaGEN6gWARTEWjVMGJ22FCmUh4d9ZrvrVN3jn+p5tvMrHXKbAA3yGYE=

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt
Tue Nov 12 15:15:01 2024 19

X-Received: by 2002:a2e:e01:0:b0:2fa:cdac:8732 with SMTP id
38308e7fff4ca-2faf3d70720mr8953431fa.30.1728022949518; Thu, 03 Oct 2024
23:22:29 -0700 (PDT)

MIME-Version: 1.0

References: <CA0OFvV9RpTXU7vuHJ7qeddrfzCr=P=XZEMPTx6qvghAnMGAjug@mail.gmail.com>
<CAF+kE=S5hTff8V6v5dTSKKy0wM0FBA-uzTDJxdxC-8EBmAEB6g@mail.gmail.com>
<CAF+kE=QPggjc0TTXo48Ye0yYnAwjusPCjuANg+SDchB9R8HE0sQ@mail.gmail.com> <CA0OFvV_fzb8pdW_
y8=8g=XjbdSdEU6g+Xx6mWM-YaQU9S2WCvw@mail.gmail.com>
In-Reply-To: <CA0OFvV_fzb8pdW_y8=8g=XjbdSdEU6g+Xx6mWM-YaQU9S2WCvw@mail.gmail.com>
From: Ken Liao <kenliao94@gmail.com>
Date: Thu, 3 Oct 2024 23:22:17 -0700
Message-ID: <CA+i58o0ZAaqgHKMQqN_KRk5ZgtX3EDuH5Ec_vGdS1n_LQTHVRA@mail.gmail.com>
Subject: Re: Bridging Artemis with classic
To: users@activemq.apache.org
Content-Type: multipart/alternative; boundary="00000000000011eae20623a0b287"

--00000000000011eae20623a0b287

Content-Type: text/plain; charset="UTF-8"

Content-Transfer-Encoding: quoted-printable

Hi Kunal,

What kind of workload is your broker cluster designed for? I don't think there is an easy answer here as these two brokers have different sets of features implemented. It really depends on your requirements on supported features and performance. For instance, if your application requires JMS 2.0, then Artemis provides full support and ActiveMQ only provides partial support.

That being said, I believe there is still a community of active contributors for ActiveMQ Classic out there adding and planning to add new features. You can browse its Jira tickets
<<https://issues.apache.org/jira/projects/AMQ/issues/AMQ-9590?filter=3Dallissues>>
to get a sense of what activities are happening.

Thanks,
Ken

On Thu, Oct 3, 2024 at 6:56=E2=80=AFPM Kunal Rao <kunal@mechination.com.au> wrote:

> Thanks Justin.
> I am planning to use Amazon MQ (only supports classic) as a central broker
> and Artemis as satellite brokers with the assumption that artemis is a more
> supported product and classic is treated as legacy with regards to
> development and support.
> Firstly, Is my assumption correct?
>
> We are considering three options:
> 1. Use "classic" everywhere. Amazon MQ can be used as a central broker.
> 2. Use "artemis" everywhere. benefits of Artemis outweigh "classic" and the
> use of managed service in Amazon MQ.
> 3. Hybrid approach. Use Amazon MQ centrally (hoping artemis is on their
> roadmap) and Artemis on all satellite brokers.
>
> I would love to hear your thoughts on this please.
>
> Once again thanks for the prompt response.
>

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt
Tue Nov 12 15:15:01 2024 20

```
> Kunal
>
> On Fri, 4 Oct 2024 at 00:51, Justin Bertram <jbertram@apache.org> wrote:
>
> > Just to clarify...ActiveMQ Classic doesn't support the Core protocol so
> > that is why you can't use a Core bridge to integrate.
> >
> >
> > Justin
> >
> > On Thu, Oct 3, 2024 at 8:29=E2=80=AFAM Justin Bertram <jbertram@apache.=
org>
> wrote:
> >
> > > Yes. You can bridge messages from Artemis to Classic and vice versa.
> > > However, you can't use a Core bridge to do it. Core bridges, as the
> > name
> > > suggests, use the Core protocol. A Core bridge can't use the AMQP
> > protocol.
> > >
> > > I recommend Camel since it's mature, powerful, and ubiquitous. You ca=
n
> > set
> > > up Camel routes on either Artemis or Classic. Here's [1] an example o=
f
> > how
> > > to do it on Artemis.
> > >
> > > It's also possible to use the JMS bridge that ships with Artemis [2].
> > >
> > > Justin
> > >
> > > [1]
> > >
> > > https://github.com/apache/activemq-artemis-examples/tree/main/examples/fe=
atures/standard/camel
> > > [2]
> > >
> > > https://github.com/apache/activemq-artemis-examples/tree/main/examples/fe=
atures/sub-modules/inter-broker-bridge/artemis-jms-bridge
> > >
> > > On Thu, Oct 3, 2024 at 2:38=E2=80=AFAM Kunal Rao <kunal@mechination.c=
om.au>
> > wrote:
> > >
> > >> Hi,
> > >>
> > >> Is it possible to bridge artemis with classic broker?
> > >> I am trying with AMQP protocol.
> > >>
> > >> I am getting this error
> > >>
> > >> plbroker-1 | 2024-10-03 07:34:50,270 WARN
> > >> [org.apache.activemq.artemis.core.server] AMQ224091: Bridge
> > >> BridgeImpl@6a3012f8 [name=3Damqp-bridge,
> > >> queue=3DQueueImpl[name=3Dplbroker.out,
> > >> postOffice=3DPostOfficeImpl [server=3DActiveMQServerImpl::name=3D0.0=
.0.0],
> > >> temp=3Dfalse]@7af74850 targetConnector=3DServerLocatorImpl
> > >> (identity=3DBridge
```

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[illegible]

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```
> > >> </transportConnectors>
```

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt

Tue Nov 12 15:15:01 2024

23

> > >>
> > >>
> > >> what am i doing wrong?
> > >>
> > >> Cheers
> > >> Kunal
> > >>
> > >
> >
>

--000000000000011eae20623a0b287--

From mboxrd@z Thu Jan 1 00:00:00 1970

Return-Path: <users-return-57515-archive-asf-public=cust-asf.ponee.io@activemq.apache.org>

X-Original-To: archive-asf-public@cust-asf.ponee.io

Delivered-To: archive-asf-public@cust-asf.ponee.io

Received: from mxout1-he-de.apache.org (mxout1-he-de.apache.org [95.216.194.37])
by mx-eu-03.ponee.io (Postfix) with ESMTPS id 347193E6D6

for <archive-asf-public@cust-asf.ponee.io>; Thu, 3 Oct 2024 16:51:15 +0000 (UTC)

Received: from mail.apache.org (mailgw-he-de.apache.org [IPv6:2a01:4f8:c2c:d4aa::1])
(using TLSv1.3 with cipher TLS_AES_256_GCM_SHA384 (256/256 bits)
key-exchange X25519 server-signature RSA-PSS (4096 bits) server-digest SHA256)
(No client certificate requested)
by mxout1-he-de.apache.org (ASF Mail Server at mxout1-he-de.apache.org) with ESMTPS id 4CF32630C5

for <archive-asf-public@cust-asf.ponee.io>; Thu, 3 Oct 2024 16:49:42 +0000 (UTC)

Received: (qmail 1198331 invoked by uid 998); 3 Oct 2024 16:49:41 -0000

Mailing-List: contact users-help@activemq.apache.org; run by ezmlm

Precedence: bulk

List-Help: <mailto:users-help@activemq.apache.org>

List-Unsubscribe: <mailto:users-unsubscribe@activemq.apache.org>

List-Post: <mailto:users@activemq.apache.org>

List-Id: <users.activemq.apache.org>

Reply-To: users@activemq.apache.org

Delivered-To: mailing list users@activemq.apache.org

Received: (qmail 1198308 invoked by uid 116); 3 Oct 2024 16:49:40 -0000

Received: from ec2-52-204-25-47.compute-1.amazonaws.com (HELO mailrelay1-ec2-va.apache.org) (52.204.25.47)

by apache.org (qpsmtpd/0.94) with ESMTP; Thu, 03 Oct 2024 16:49:40 +0000

Authentication-Results: apache.org; auth=none

Received: from mail-lf1-f47.google.com (mail-lf1-f47.google.com [209.85.167.47])

by mailrelay1-ec2-va.apache.org (ASF Mail Server at mailrelay1-ec2-va.apache.org) with ESMTPSA id 1F81C3E915

for <users@activemq.apache.org>; Thu, 3 Oct 2024 16:49:40 +0000 (UTC)

Received: by mail-lf1-f47.google.com with SMTP id 2adb3069b0e04-5398cc2fcb7so1436646e87.1

for <users@activemq.apache.org>; Thu, 03 Oct 2024 09:49:40 -0700 (PDT)

X-Gm-Message-State: AOJu0Yx4TkfHdlZ4+b7TWQOejtZxL1lcnuGzJ8iDI38bVJwh76RizeP
vv3vNAax8S7THkLkY/+8KPuXVvcjzbUuGFOsn/QI2lfX/1qofBGjbD10D3F4hx3n3XPBmTcVwj+
SW0zzLnWXbOYyoTRw/WiGaJPJckrSx+BcShGu8g==

X-Google-Smtp-Source: AGHT+IEYwLe4oqCxdX62NTmEeJ0mlNhuuivBaRzNI3jcw1u51rESasx0mt8DQHiMD
H9bClgTW8ueLPeQrqnEfAhTr7c=

X-Received: by 2002:a05:6512:23a1:b0:52c:fd46:bf07 with SMTP id
2adb3069b0e04-539ab8c1ae7mr16984e87.49.1727974179042; Thu, 03 Oct 2024
09:49:39 -0700 (PDT)

MIME-Version: 1.0

References: <CAOOFvV9RpTXU7vuHJ7qeddrfzCr=P=XZEMPTx6qvghAnMGAjug@mail.gmail.com>

<CAF+kE=S5hTff8V6v5dTSKKy0wM0FBA-uzTDJxdxC-8EBmAEB6g@mail.gmail.com>

In-Reply-To: <CAF+kE=S5hTff8V6v5dTSKKy0wM0FBA-uzTDJxdxC-8EBmAEB6g@mail.gmail.com>

From: Justin Bertram <jbertram@apache.org>

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt
Tue Nov 12 15:15:01 2024 24

Date: Thu, 3 Oct 2024 11:49:12 -0500
X-Gmail-Original-Message-ID: <CAF+kE=QPgjc0TTXo48Ye0yYnAwjusPCjuANg+SDchB9R8HE0sQ@mail.gmail.com>
Message-ID: <CAF+kE=QPgjc0TTXo48Ye0yYnAwjusPCjuANg+SDchB9R8HE0sQ@mail.gmail.com>
Subject: Re: Bridging Artemis with classic
To: users@activemq.apache.org
Content-Type: multipart/alternative; boundary="0000000000001fb0de0623955774"

--0000000000001fb0de0623955774
Content-Type: text/plain; charset="UTF-8"
Content-Transfer-Encoding: quoted-printable

Just to clarify...ActiveMQ Classic doesn't support the Core protocol so that is why you can't use a Core bridge to integrate.

Justin

On Thu, Oct 3, 2024 at 8:29=E2=80=AFAM Justin Bertram <jbertram@apache.org> wrote:

> Yes. You can bridge messages from Artemis to Classic and vice versa.
> However, you can't use a Core bridge to do it. Core bridges, as the name suggests, use the Core protocol. A Core bridge can't use the AMQP protocol.
>

> I recommend Camel since it's mature, powerful, and ubiquitous. You can set up Camel routes on either Artemis or Classic. Here's [1] an example of how to do it on Artemis.
>

> It's also possible to use the JMS bridge that ships with Artemis [2].
>
>

> Justin

> [1]
> <https://github.com/apache/activemq-artemis-examples/tree/main/examples/features/standard/camel>

> [2]
> <https://github.com/apache/activemq-artemis-examples/tree/main/examples/features/sub-modules/inter-broker-bridge/artemis-jms-bridge>
>

> On Thu, Oct 3, 2024 at 2:38=E2=80=AFAM Kunal Rao <kunal@mechination.com.au> wrote:

>> Hi,

>> Is it possible to bridge artemis with classic broker?

>> I am trying with AMQP protocol.

>> I am getting this error

>> p1broker-1 | 2024-10-03 07:34:50,270 WARN
>> [org.apache.activemq.artemis.core.server] AMQ224091: Bridge
>> BridgeImpl@6a3012f8 [name=3Damqp-bridge, queue=3DQueueImpl[name=3Dp1broker.out,
>> postOffice=3DPostOfficeImpl [server=3DActiveMQServerImpl::name=3D0.0.0.0=
>>],
>> temp=3Dfalse]@7af74850 targetConnector=3DServerLocatorImpl (identity=3DBridge
>> amqp-bridge)

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt

Tue Nov 12 15:15:01 2024

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```
>> [initialConnectors=3D[TransportConfiguration(name=3Dactivemq-classic-amq=
p,
>>
>> factory=3Dorg.apache.activemq-artemis-core-remoting-impl-netty-NettyConn=
ectorFactory)?port=3D5672&host=3Dcentralbroker&protocols=3DAMQP],
>> discoveryGroupConfiguration=3Dnull]] is unable to connect to destination=
.
>> Retrying
>> centralbroker-1 | WARN | Connection attempt from non AMQP v1.0 client.
>> ARTEMIS,0
>> centralbroker-1 | WARN | Transport Connection to: tcp://
>> 172.19.0.3:33778
>> failed: Connection from client using unsupported AMQP attempted
>>
>> broker.xml
>> =3D=3D=3D=3D=3D=3D=3D=3D=3D
>>
>> <acceptors>
>>
>> <acceptor name=3D"artemis">
>> tcp://
>>
>> 0.0.0.0:61616?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576=
;amqpMinLargeMessageSize=3D102400;protocols=3DCORE,AMQP,STOMP,HORNETQ,MQTT,=
OPENWIRE;useEpoll=3Dtrue;amqpCredits=3D1000;amqpLowCredits=3D300;amqpDuplic=
ateDetection=3Dtrue;supportAdvisory=3Dfalse;suppressInternalManagementObjec=
ts=3Dfalse
>> </acceptor>
>>
>> <!-- AMQP Acceptor. Listens on default AMQP port for AMQP traffic.-->
>> <acceptor name=3D"amqp">
>> tcp://
>>
>> 0.0.0.0:5672?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576;=
protocols=3DAMQP;useEpoll=3Dtrue;amqpCredits=3D1000;amqpLowCredits=3D300;am=
qpMinLargeMessageSize=3D102400;amqpDuplicateDetection=3Dtrue;handshake-time=
out=3D0
>> </acceptor>
>>
>> <!-- STOMP Acceptor. -->
>> <acceptor name=3D"stomp">
>> tcp://
>>
>> 0.0.0.0:61613?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576=
;protocols=3DSTOMP;useEpoll=3Dtrue
>> </acceptor>
>>
>> <!-- HornetQ Compatibility Acceptor. Enables HornetQ Core and STOMP for
>> legacy HornetQ
>> clients. -->
>> <acceptor name=3D"hornetq">
>> tcp://
>>
>> 0.0.0.0:5445?anycastPrefix=3Djms.queue.;multicastPrefix=3Djms.topic.;pro=
tocols=3DHORNETQ,STOMP;useEpoll=3Dtrue
>> </acceptor>
>>
>> <!-- MQTT Acceptor -->
>> <acceptor name=3D"mqtt">
>> tcp://
>>
>> 0.0.0.0:1883?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576;=
protocols=3DMQTT;useEpoll=3Dtrue
```

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt

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```
>> </acceptor>
>>
>> </acceptors>
>>
>> <bridges>
>> <bridge name="amqp-bridge">
>> <queue-name>plbroker.out</queue-name>
>> <forwarding-address>centralbroker.in</forwarding-address>
>> <user>admin</user>
>> <password>admin</password>
>> <static-connectors>
>> <connector-ref>activemq-classic-amqp</connector-ref>
>> </static-connectors>
>> </bridge>
>> </bridges>
>>
>>
>> <connectors>
>> <connector name="activemq-classic-amqp">
>> tcp://centralbroker:5672?protocols=AMQP</connector>
>> </connectors>
>>
>>
>> activemq.xml
>> =
>>
>> <transportConnectors>
>> <!-- DOS protection, limit concurrent connections to 1000 and frame size
>> to
>> 100MB -->
>> <transportConnector name="openwire">
>> uri="tcp://0.0.0.0:61616?maximumConnections=1000&
>> wireFormat.maxFrameSize=10485760000" />
>> <transportConnector name="amqp">
>> uri="amqp://0.0.0.0:5672?maximumConnections=1000&
>> wireFormat.maxFrameSize=104857600" />
>> <transportConnector name="stomp">
>> uri="stomp://0.0.0.0:61613?maximumConnections=1000&
>> wireFormat.maxFrameSize=104857600" />
>> <transportConnector name="mqtt">
>> uri="mqtt://0.0.0.0:1883?maximumConnections=1000&
>> wireFormat.maxFrameSize=104857600" />
>> <transportConnector name="ws">
>> uri="ws://0.0.0.0:61614?maximumConnections=1000&
>> wireFormat.maxFrameSize=104857600" />
>> </transportConnectors>
>>
>>
>> what am i doing wrong?
>>
>> Cheers
>> Kunal
>>
>
```

--00000000000001fb0de0623955774--

From mboxrd@z Thu Jan 1 00:00:00 1970

Return-Path: <users-return-57505-archive-asf-public=cust-asf.ponee.io@activemq.apache.org>

X-Original-To: archive-asf-public@cust-asf.ponee.io

Delivered-To: archive-asf-public@cust-asf.ponee.io

Received: from mxout1-he-de.apache.org (mxout1-he-de.apache.org [95.216.194.37])

by mx-eu-03.ponee.io (Postfix) with ESMTPS id 00A803E6D6

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt
Tue Nov 12 15:15:01 2024 27

for <archive-asf-public@cust-asf.ponee.io>; Thu, 3 Oct 2024 13:30:40 +0000 (UTC)

Received: from mail.apache.org (mailgw-he-de.apache.org [IPv6:2a01:4f8:c2c:d4aa::1])
(using TLSv1.3 with cipher TLS_AES_256_GCM_SHA384 (256/256 bits)
key-exchange X25519 server-signature RSA-PSS (4096 bits) server-digest SHA256)
(No client certificate requested)
by mxout1-he-de.apache.org (ASF Mail Server at mxout1-he-de.apache.org) with ES
MTPS id D18DC68B66

for <archive-asf-public@cust-asf.ponee.io>; Thu, 3 Oct 2024 13:30:11 +0000 (UTC)

Received: (qmail 793224 invoked by uid 998); 3 Oct 2024 13:30:10 -0000

Mailing-List: contact users-help@activemq.apache.org; run by ezmlm

Precedence: bulk

List-Help: <mailto:users-help@activemq.apache.org>

List-Unsubscribe: <mailto:users-unsubscribe@activemq.apache.org>

List-Post: <mailto:users@activemq.apache.org>

List-Id: <users.activemq.apache.org>

Reply-To: users@activemq.apache.org

Delivered-To: mailing list users@activemq.apache.org

Received: (qmail 793205 invoked by uid 116); 3 Oct 2024 13:30:09 -0000

Received: from mailrelay1-he-de.apache.org (HELO mailrelay1-he-de.apache.org) (116.203.21.61)

by apache.org (qpsmtpd/0.94) with ESMTP; Thu, 03 Oct 2024 13:30:09 +0000

Authentication-Results: apache.org; auth=none

Received: from mail-ljl-f175.google.com (mail-ljl-f175.google.com [209.85.208.175])
by mailrelay1-he-de.apache.org (ASF Mail Server at mailrelay1-he-de.apache.org)
with ESMTPSA id C54D83EBFE

for <users@activemq.apache.org>; Thu, 3 Oct 2024 13:30:09 +0000 (UTC)

Received: by mail-ljl-f175.google.com with SMTP id 38308e7fff4ca-2facf40737eso12445111fa.0

for <users@activemq.apache.org>; Thu, 03 Oct 2024 06:30:09 -0700 (PDT)

X-Gm-Message-State: AOJu0YwQMnmvSK9HHYX3uXZNG4sJtXcTeyA2svZc06EscXU6WaDJ3jHv
eKKkwyws3sJRUQaM0s6mRTgHDxovUJgIx5dCj1SRkxt22MOn1qfAbX9SRPr7AEc+wmZ1t6uIBv+
PunAB4AwA2U8l0gT7Y/mYu9nXEVsVbGWkeZ4ZQg==

X-Google-Smtp-Source: AGHT+IFiG018fvkJANahDzgMRTUGPdQ6GIzbFCUT3RH9yypPKHfE37vZw6iKxZJG+B
LjEDMj2n4hgl5X29PMAOgjRNCE=

X-Received: by 2002:a2e:be28:0:b0:2fa:d31a:1b77 with SMTP id
38308e7fff4ca-2fael024545mr42126041fa.9.1727962209255; Thu, 03 Oct 2024
06:30:09 -0700 (PDT)

MIME-Version: 1.0

References: <CA0OFvV9RpTXU7vuHJ7qeddrfzCr=P=XZEMPTx6qvghAnMGAjug@mail.gmail.com>

In-Reply-To: <CA0OFvV9RpTXU7vuHJ7qeddrfzCr=P=XZEMPTx6qvghAnMGAjug@mail.gmail.com>

From: Justin Bertram <jbertram@apache.org>

Date: Thu, 3 Oct 2024 08:29:42 -0500

X-Gmail-Original-Message-ID: <CAF+kE=S5hTff8V6v5dTSKKy0wM0FBA-uzTDJxdxC-8EBmAEB6g@mail.gmail.com>

Message-ID: <CAF+kE=S5hTff8V6v5dTSKKy0wM0FBA-uzTDJxdxC-8EBmAEB6g@mail.gmail.com>

Subject: Re: Bridging Artemis with classic

To: users@activemq.apache.org

Content-Type: multipart/alternative; boundary="000000000000ab30060623928de8"

--000000000000ab30060623928de8

Content-Type: text/plain; charset="UTF-8"

Content-Transfer-Encoding: quoted-printable

Yes. You can bridge messages from Artemis to Classic and vice versa.
However, you can't use a Core bridge to do it. Core bridges, as the name
suggests, use the Core protocol. A Core bridge can't use the AMQP protocol.

I recommend Camel since it's mature, powerful, and ubiquitous. You can set
up Camel routes on either Artemis or Classic. Here's [1] an example of how
to do it on Artemis.

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It's also possible to use the JMS bridge that ships with Artemis [2].

Justin

```
[1] https://github.com/apache/activemq-artemis-examples/tree/main/examples/features/standard/camel
```

[2]
<https://github.com/apache/activemq-artemis-examples/tree/main/examples/features/sub-modules/inter-broker-bridge/artemis-jms-bridge>

On Thu, Oct 3, 2024 at 2:38=E2=80=AFAM Kunal Rao <kunal@mechination.com.au> wrote:

```
> Hi,  
>  
> Is it possible to bridge artemis with classic broker?  
> I am trying with AMQP protocol.  
>  
> I am getting this error  
>  
> plbroker-1 | 2024-10-03 07:34:50,270 WARN  
> [org.apache.activemq.artemis.core.server] AMQ224091: Bridge  
> BridgeImpl@6a3012f8 [name=3Damqp-bridge, queue=3DQueueImpl[name=3Dplbroke=  
r.out,  
> postOffice=3DPostOfficeImpl [server=3DActiveMQServerImpl::name=3D0.0.0.0]=  
,  
> temp=3Dfalse]@7af74850 targetConnector=3DServerLocatorImpl (identity=3DBr=  
idge  
> amqp-bridge)  
> [initialConnectors=3D[TransportConfiguration(name=3Dactivemq-classic-amqp=  
,  
>  
> factory=3Dorg.apache.activemq.artemis.core.remoting.impl.netty-NettyConne=  
ctorFactory)?port=3D5672&host=3Dcentralbroker&protocols=3DAMQP],  
> discoveryGroupConfiguration=3Dnull]] is unable to connect to destination.  
> Retrying  
> centralbroker-1 | WARN | Connection attempt from non AMQP v1.0 client.  
> ARTEMIS,0  
> centralbroker-1 | WARN | Transport Connection to: tcp://172.19.0.3:3377=  
8  
> failed: Connection from client using unsupported AMQP attempted  
>  
> broker.xml  
> =3D=3D=3D=3D=3D=3D=3D=3D=3D  
>  
> <acceptors>  
>  
> <acceptor name=3D"artemis">  
> tcp://  
>  
> 0.0.0.0:61616?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576;=  
amqpMinLargeMessageSize=3D102400;protocols=3DCORE,AMQP,STOMP,HORNETQ,MQTT,O=  
PENWIRE;useEpoll=3Dtrue;amqpCredits=3D1000;amqpLowCredits=3D300;amqpDuplica=  
teDetection=3Dtrue;supportAdvisory=3Dfalse;suppressInternalManagementObject=  
s=3Dfalse  
> </acceptor>  
>  
> <!-- AMQP Acceptor. Listens on default AMQP port for AMQP traffic.-->  
> <acceptor name=3D"amqp">  
> tcp://  
>
```

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt

[illegible]

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt
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```
> <transportConnector name=3D"amqp"
> uri=3D"amqp://0.0.0.0:5672?maximumConnections=3D1000&
> wireFormat.maxFrameSize=3D104857600" />
> <transportConnector name=3D"stomp"
> uri=3D"stomp://0.0.0.0:61613?maximumConnections=3D1000&
> wireFormat.maxFrameSize=3D104857600" />
> <transportConnector name=3D"mqtt"
> uri=3D"mqtt://0.0.0.0:1883?maximumConnections=3D1000&
> wireFormat.maxFrameSize=3D104857600" />
> <transportConnector name=3D"ws"
> uri=3D"ws://0.0.0.0:61614?maximumConnections=3D1000&
> wireFormat.maxFrameSize=3D104857600" />
> </transportConnectors>
>
>
> what am i doing wrong?
>
> Cheers
> Kunal
>
```

--00000000000000ab30060623928de8--

From mboxrd@z Thu Jan 1 00:00:00 1970

Return-Path: <users-return-57504-archive-asf-public=cust-asf.ponee.io@activemq.apache.org>

X-Original-To: archive-asf-public@cust-asf.ponee.io

Delivered-To: archive-asf-public@cust-asf.ponee.io

Received: from mxout1-he-de.apache.org (mxout1-he-de.apache.org [95.216.194.37])
by mx-eu-03.ponee.io (Postfix) with ESMTPS id 201993E6D6

for <archive-asf-public@cust-asf.ponee.io>; Thu, 3 Oct 2024 07:38:40 +0000 (UTC)

Received: from mail.apache.org (mailgw-he-de.apache.org [IPv6:2a01:4f8:c2c:d4aa::1])
(using TLSv1.3 with cipher TLS_AES_256_GCM_SHA384 (256/256 bits)

key-exchange X25519 server-signature RSA-PSS (4096 bits) server-digest SHA256)
(No client certificate requested)

by mxout1-he-de.apache.org (ASF Mail Server at mxout1-he-de.apache.org) with ES
MTPS id 07EBA68BF9

for <archive-asf-public@cust-asf.ponee.io>; Thu, 3 Oct 2024 07:38:39 +0000 (UTC)

Received: (qmail 182058 invoked by uid 998); 3 Oct 2024 07:38:10 -0000

Mailing-List: contact users-help@activemq.apache.org; run by ezmlm

Precedence: bulk

List-Help: <mailto:users-help@activemq.apache.org>

List-Unsubscribe: <mailto:users-unsubscribe@activemq.apache.org>

List-Post: <mailto:users@activemq.apache.org>

List-Id: <users.activemq.apache.org>

Reply-To: users@activemq.apache.org

Delivered-To: mailing list users@activemq.apache.org

Received: (qmail 181710 invoked by uid 116); 3 Oct 2024 07:38:08 -0000

Received: from spamproc1-he-fi.apache.org (HELO spamproc1-he-fi.apache.org) (95.217.134.168)

by apache.org (qpsmtpd/0.94) with ESMTTP; Thu, 03 Oct 2024 07:38:08 +0000

Authentication-Results: apache.org; auth=none

Received: from localhost (localhost [127.0.0.1])

by spamproc1-he-fi.apache.org (ASF Mail Server at spamproc1-he-fi.apache.org) with ESMTTP id 9C697C21F7

for <users@activemq.apache.org>; Thu, 3 Oct 2024 07:38:08 +0000 (UTC)

X-Virus-Scanned: Debian amavisd-new at spamproc1-he-fi.apache.org

X-Spam-Flag: NO

X-Spam-Score: 3.202

X-Spam-Level: ***

X-Spam-Status: No, score=3.202 tagged_above=-999 required=6.31

tests=[DKIM_SIGNED=0.1, DKIM_VALID=-0.1, DKIM_VALID_AU=-0.1,

./49A52E01-8487-453C-AFDE-85AEDA2760A1@gmail.com.mbx.txt
Tue Nov 12 15:15:01 2024 32

Is it possible to bridge artemis with classic broker?
I am trying with AMQP protocol.

I am getting this error

```
plbroker-1 | 2024-10-03 07:34:50,270 WARN
[org.apache.activemq.artemis.core.server] AMQ224091: Bridge
BridgeImpl@6a3012f8 [name=3Damqp-bridge, queue=3DQueueImpl[name=3Dplbroker.=
out,
postOffice=3DPostOfficeImpl [server=3DActiveMQServerImpl::name=3D0.0.0.0],
temp=3Dfalse]@7af74850 targetConnector=3DServerLocatorImpl (identity=3DBrid=
ge
amqp-bridge)
[initialConnectors=3D[TransportConfiguration(name=3Dactivemq-classic-amqp,
factory=3Dorg.apache.activemq.artemis.core.remoting.impl.netty-NettyConnect=
orFactory)?port=3D5672&host=3Dcentralbroker&protocols=3DAMQP],
discoveryGroupConfiguration=3Dnull]] is unable to connect to destination.
Retrying
centralbroker-1 | WARN | Connection attempt from non AMQP v1.0 client.
ARTEMIS,0
centralbroker-1 | WARN | Transport Connection to: tcp://172.19.0.3:33778
failed: Connection from client using unsupported AMQP attempted
```

broker.xml
=3D=3D=3D=3D=3D=3D=3D=3D

<acceptors>

```
<acceptor name=3D"artemis">
tcp://
0.0.0.0:61616?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576;am=
qpMinLargeMessageSize=3D102400;protocols=3DCORE,AMQP,STOMP,HORNETQ,MQTT,OPE=
NWIRE;useEpoll=3Dtrue;amqpCredits=3D1000;amqpLowCredits=3D300;amqpDuplicate=
Detection=3Dtrue;supportAdvisory=3Dfalse;suppressInternalManagementObjects=
=3Dfalse
</acceptor>
```

<!-- AMQP Acceptor. Listens on default AMQP port for AMQP traffic.-->

```
<acceptor name=3D"amqp">
tcp://
0.0.0.0:5672?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576;pro=
tocols=3DAMQP;useEpoll=3Dtrue;amqpCredits=3D1000;amqpLowCredits=3D300;amqpM=
inLargeMessageSize=3D102400;amqpDuplicateDetection=3Dtrue;handshake-timeout=
=3D0
</acceptor>
```

<!-- STOMP Acceptor. -->

```
<acceptor name=3D"stomp">
tcp://
0.0.0.0:61613?tcpSendBufferSize=3D1048576;tcpReceiveBufferSize=3D1048576;pr=
otocols=3DSTOMP;useEpoll=3Dtrue
</acceptor>
```

<!-- HornetQ Compatibility Acceptor. Enables HornetQ Core and STOMP for
legacy HornetQ
clients. -->

```
<acceptor name=3D"hornetq">
tcp://
0.0.0.0:5445?anycastPrefix=3Djms.queue.;multicastPrefix=3Djms.topic.;protoc=
ols=3DHORNETQ,STOMP;useEpoll=3Dtrue
</acceptor>
```

<!-- MQTT Acceptor -->

33

</acceptors>

```
<connectors>
```

activemq.xml

$$=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D$$

<transportConnectors>

```
<!-- DOS protection, limit concurrent connections to 1000 and frame size to
100MB -->
```

```
<transportConnector name=3D"openwire"
uri=3D"tcp://0.0.0.0:61616?maximumConnections=3D1000&
wireFormat.maxFrameSize=3D104857600000" />
<transportConnector name=3D"amqp"
uri=3D"amqp://0.0.0.0:5672?maximumConnections=3D1000&
wireFormat.maxFrameSize=3D104857600" />
<transportConnector name=3D"stomp"
uri=3D"stomp://0.0.0.0:61613?maximumConnections=3D1000&
wireFormat.maxFrameSize=3D104857600" />
<transportConnector name=3D"mqtt"
uri=3D"mqtt://0.0.0.0:1883?maximumConnections=3D1000&
wireFormat.maxFrameSize=3D104857600" />
<transportConnector name=3D"ws"
uri=3D"ws://0.0.0.0:61614?maximumConnections=3D1000&
wireFormat.maxFrameSize=3D104857600" />
</transportConnectors>
```

what am i doing wrong?

Cheers
Kunal

```
--00000000000009d004206238da215--
```