

./CAF+kE\_RrZBShuG0139mWP\_Kr-7NQpRthOKKNQ5Z2pSG-KCjW\_w@mail.gmail.com.mbx.txt  
Tue Nov 12 15:15:00 2024 1

From mboxrd@z Thu Jan 1 00:00:00 1970  
Return-Path: <users-return-57513-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 994313E6D6  
for <archive-asf-public@cust-asf.ponee.io>; Thu, 3 Oct 2024 15:48:23 +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 9460745D57  
for <archive-asf-public@cust-asf.ponee.io>; Thu, 3 Oct 2024 15:48:22 +0000 (UTC)  
Received: (qmail 1060432 invoked by uid 998); 3 Oct 2024 15:48:20 -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 1060415 invoked by uid 116); 3 Oct 2024 15:48:20 -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 15:48:20 +0000  
Authentication-Results: apache.org; auth=none  
Received: from mail-ej1-f45.google.com (mail-ej1-f45.google.com [209.85.218.45])  
by mailrelay1-he-de.apache.org (ASF Mail Server at mailrelay1-he-de.apache.org)  
with ESMTPSA id 8FFE63EBFE  
for <users@activemq.apache.org>; Thu, 3 Oct 2024 15:48:20 +0000 (UTC)  
Received: by mail-ej1-f45.google.com with SMTP id a640c23a62f3a-a8d446adf6eso182752366b.2  
for <users@activemq.apache.org>; Thu, 03 Oct 2024 08:48:20 -0700 (PDT)  
X-Gm-Message-State: AOJu0Yy/7qIwu7E7NbF2W54URPLw0wXL2Y3vU3DciLPrShCoIDL0HMAe  
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X-Received: by 2002:a17:907:2da5:b0:a8d:3085:a7b1 with SMTP id  
a640c23a62f3a-a98f825ab00mr696802066b.38.1727970500228; Thu, 03 Oct 2024  
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MIME-Version: 1.0  
References: <IA0PR20MB6000A4E8573A3D6C329F1355B4712@IA0PR20MB6000.namprd20.prod.outlook.com>  
In-Reply-To: <IA0PR20MB6000A4E8573A3D6C329F1355B4712@IA0PR20MB6000.namprd20.prod.outlook.com>  
From: Justin Bertram <jbertram@apache.org>  
Date: Thu, 3 Oct 2024 10:47:53 -0500  
X-Gmail-Original-Message-ID: <CAF+kE=RrZBShuG0139mWP=Kr-7NQpRthOKKNQ5Z2pSG-KCjW=w@mail.gmail.com>  
Message-ID: <CAF+kE=RrZBShuG0139mWP=Kr-7NQpRthOKKNQ5Z2pSG-KCjW=w@mail.gmail.com>  
Subject: Re: Camel Route to Bridge 2 ActiveMQ Classic Brokers  
To: "users@activemq.apache.org" <users@activemq.apache.org>  
Content-Type: multipart/alternative; boundary="000000000000d969840623947bcf"  
  
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Content-Transfer-Encoding: quoted-printable

./CAF+kE\_RrZBShuG0139mWP\_Kr-7NqpRthOKKNQ5Z2pSG-KCjW\_w@mail.gmail.com.mbx.txt  
Tue Nov 12 15:15:00 2024 2

> I have a Camel Route that drains all of the queues and topics (excluding Advisory Topics) from the old broker to the new broker.

Conceptually speaking, there is no real way to "drain a topic" since topics don't hold messages like a queue does. When dealing with topics, messages are stored in `_subscriptions` which are created by consumers. Furthermore, any message sent to a topic without any subscriptions is simply dropped. So, depending on your use-case you may need to recreate any relevant subscriptions on the destination broker and have Camel drain the corresponding subscriptions on the source broker.

> Is there a way to just create the queue or topic on the new broker with Camel without creating this stub message?

Destinations are created when a message is sent or when a consumer attaches. If Camel doesn't send a message then the destination won't be created.

I'm not 100% sure about your advisory question, but I believe you are correct. Ultimately your best bet is to test various configuration permutations for your use-case and see which one works best.

Justin

On Thu, Oct 3, 2024 at 9:51=E2=80=AFAM William Crowell  
<WCrowell@perforce.com.invalid> wrote:

> Good morning,

>

> I am using ActiveMQ Classic 5.18.5 on 2 separate brokers on Windows

> (unfortunately). One broker is using the default kahaDB, and the other

> broker has been configured with database persistence using Microsoft SQL

> Server. I am migrating messages from the old broker using kahaDB to the

> new broker setup with database persistence.

>

> I have a Camel Route that drains all of the queues and topics (excluding

> Advisory Topics) from the old broker to the new broker. I am using XPath

> on the to get all the queues and topics using these 2 URLs on the old

> ActiveMQ broker:

>

> <http://xxx:8161/admin/xml/queues.jsp>

> <http://xxx:8161/admin/xml/topics.jsp>

>

> What I have noticed is that queues that have no pending messages in them

> are not created on the new broker. I always have to put a small stub

> message in the queue in order for it to be migrated over to the new broke=  
r.

>

> A few questions on this:

>

> 1) Am I approaching this wrong? Is there a way to just create the queue

> or topic on the new broker with Camel without creating this stub message?

>

> 2) I do not want to migrate the Advisory topics over to the new broker

> because those will get created anyway when the topics and queues are move=  
d

> over. Is this assumption correct?

>

> Thank you in advance,

>

> William Crowell

>

./CAF+kE\_RrZBShuG0139mWP\_Kr-7NQpRthOKKNQ5Z2pSG-KCjW\_w@mail.gmail.com.mbx.txt  
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>  
> This e-mail may contain information that is privileged or confidential. I=  
f  
> you are not the intended recipient, please delete the e-mail and any  
> attachments and notify us immediately.  
>  
>

--000000000000d969840623947bcf--

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

Return-Path: <users-return-57507-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 E3FD43E6D6

for <archive-asf-public@cust-asf.ponee.io>; Thu, 3 Oct 2024 14:49:09 +0000 (UT

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  
ESMTPS id CB66E4A271

for <archive-asf-public@cust-asf.ponee.io>; Thu, 3 Oct 2024 14:49:08 +0000 (UT

C)

Received: (qmail 936604 invoked by uid 998); 3 Oct 2024 14:49:05 -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 936585 invoked by uid 116); 3 Oct 2024 14:49:04 -0000

Received: from spamproc1-he-de.apache.org (HELO spamproc1-he-de.apache.org) (116.203.19  
6.100)

by apache.org (qpsmtpd/0.94) with ESMTP; Thu, 03 Oct 2024 14:49:04 +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) w  
ith ESMTP id 967CB1FFF86

for <users@activemq.apache.org>; Thu, 3 Oct 2024 14:49:04 +0000 (UTC)

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

X-Spam-Flag: NO

X-Spam-Score: -1.045

X-Spam-Level:

X-Spam-Status: No, score=-1.045 tagged\_above=-999 required=6.31

tests=[DKIM\_SIGNED=0.1, DKIM\_VALID=-0.1, DKIM\_VALID\_AU=-0.1,  
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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] autolearn=disabled

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

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

Received: from mx1-he-de.apache.org ([116.203.227.195])

by localhost (spamproc1-he-de.apache.org [116.203.196.100]) (amavisd-new, port  
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with ESMTP id FJ\_z2lRgyPix for <users@activemq.apache.org>;

Thu, 3 Oct 2024 14:49:04 +0000 (UTC)

Received-SPF: Pass (mailfrom) identity=mailfrom; client-ip=40.107.102.95; helo=nam04-dm  
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NKNOWN>

./CAF+kE\_RrZBShuG0139mWP\_Kr-7NQPrtHOKKNQ5Z2pSG-KCjW\_w@mail.gmail.com.mbx.txt  
Tue Nov 12 15:15:00 2024 4

Received: from NAM04-DM6-obe.outbound.protection.outlook.com (mail-dm6nam04on2095.outbound.protection.outlook.com [40.107.102.95])

by mx1-he-de.apache.org (ASF Mail Server at mx1-he-de.apache.org) with ESMTPS id F14D881FC0

for <users@activemq.apache.org>; Thu, 3 Oct 2024 14:49:03 +0000 (UTC)

ARC-Seal: i=1; a=rsa-sha256; s=arcselector10001; d=microsoft.com; cv=none;

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ARC-Message-Signature: i=1; a=rsa-sha256; c=relaxed/relaxed; d=microsoft.com; s=arcselector10001;

h=From:Date:Subject:Message-ID:Content-Type:MIME-Version:X-MS-Exchange-AntiSpam-MessageData-ChunkCount:X-MS-Exchange-AntiSpam-MessageData-0:X-MS-Exchange-AntiSpam-MessageData-1;

bh=cWb5eU6auu2/b4r2k0UgaeZryz+iwovHuJ5Oggv3DRk=;

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ARC-Authentication-Results: i=1; mx.microsoft.com 1; spf=pass

smtp.mailfrom=perforce.com; dmarc=pass action=none header.from=perforce.com;

dkim=pass header.d=perforce.com; arc=none

X-ASF-DKIM-Sig: v=1; a=rsa-sha256; c=relaxed/relaxed; d=perforce.com;

s=selector1;

h=From:Date:Subject:Message-ID:Content-Type:MIME-Version:X-MS-Exchange-SenderADCheck;

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Received: from IA0PR20MB6000.namprd20.prod.outlook.com (2603:10b6:208:408::7)

by DS0PR20MB6943.namprd20.prod.outlook.com (2603:10b6:8:1b3::13) with

Microsoft SMTP Server (version=TLS1\_2,

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2024 14:48:52 +0000

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([fe80::b086:9cec:a4a1:47f1%5]) with mapi id 15.20.8048.007; Thu, 3 Oct 2024

14:48:52 +0000

From: William Crowell <WCrowell@perforce.com.INVALIDID>

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

Subject: Camel Route to Bridge 2 ActiveMQ Classic Brokers

Thread-Topic: Camel Route to Bridge 2 ActiveMQ Classic Brokers

Thread-Index: AQHbFaJIImIcd0o8AEWN7OOa8oYP2A==

Date: Thu, 3 Oct 2024 14:48:52 +0000

Message-ID:

<IA0PR20MB6000A4E8573A3D6C329F1355B4712@IA0PR20MB6000.namprd20.prod.outlook.com>

Accept-Language: en-US

Content-Language: en-US

X-MS-Has-Attach:

X-MS-TNEF-Correlator:

authentication-results: dkim=none (message not signed)

header.d=none; dmarc=none action=none header.from=perforce.com;

x-ms-publictraffictype: Email

x-ms-traffictypediagnostic: IA0PR20MB6000:EE\_|DS0PR20MB6943:EE\_

x-ms-office365-filtering-correlation-id: e4ae531a-658e-40b6-78bd-08dce3ba7f72

x-ms-exchange-senderadcheck: 1

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Tue Nov 12 15:15:00 2024 5

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.prod.outlook.com; PTR:; CAT:NONE; SFS:(13230040)(366016)(376014)(1800799024)(38070700018)  
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Tue Nov 12 15:15:00 2024 6

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Good morning,

I am using ActiveMQ Classic 5.18.5 on 2 separate brokers on Windows (unfortunately). One broker is using the default kahaDB, and the other broker has been configured with database persistence using Microsoft SQL Server. I am migrating messages from the old broker using kahaDB to the new broker set up with database persistence.

I have a Camel Route that drains all of the queues and topics (excluding Advisory Topics) from the old broker to the new broker. I am using XPath on the to get all the queues and topics using these 2 URLs on the old ActiveMQ broker:

<http://xxx:8161/admin/xml/queues.jsp>  
<http://xxx:8161/admin/xml/topics.jsp>

What I have noticed is that queues that have no pending messages in them are not created on the new broker. I always have to put a small stub message in the queue in order for it to be migrated over to the new broker.

A few questions on this:

- 1) Am I approaching this wrong? Is there a way to just create the queue or topic on the new broker with Camel without creating this stub message?
- 2) I do not want to migrate the Advisory topics over to the new broker because those will get created anyway when the topics and queues are moved over. Is this assumption correct?

Thank you in advance,

William Crowell

This e-mail may contain information that is privileged or confidential. If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

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