

MAM

Errors when running MAM 9.1 migration script

Issue: When running the MAM migration script to make the step from 9.0 to 9.1 (migrate_9.0-9.1.pl) I get errors stating that JSON:Integer is not a valid value for DataType.

Modifying Attribute DataType Values to include JSON

Subcommand (mam-shell -v Attribute Modify Object==Attribute Name==DataType Values="(AutoGen,Boolean,Currency,Float,Integer,JSON(:\w+)?,String,TimeStamp)") returned with rc=0:

Object Name	DataType	PrimaryKey	Required	Fixed Values	DefaultValue	Sequence	Hidden	Description
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Attribute	DataType	String	False	False	True			
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(AutoGen,Boolean,Currency,Float,Integer,JSON(:w+)?,String,TimeStamp)	String	30						
--	--------	----	--	--	--	--	--	--

False Data Type

Successfully modified 1 attribute

Creating new UsageRecord Resources Attribute

Subcommand (mam-shell -v Attribute Create Object=UsageRecord

Name=Resources DataType=JSON:Integer Description="\"Generic Resources\""

Sequence=180 NoRefresh:=True) returned with rc=185:

JSON:Integer is not a valid value for DataType

Subcommand (mam-shell -v Attribute Create Object=UsageRecord

Name=Resources DataType=JSON:Integer Description="\"Generic Resources\""

Sequence=180 NoRefresh:=True) failed with rc=185: JSON:Integer is not a valid

value for DataType

Creating new UsageRecord Licenses Attribute

Subcommand (mam-shell -v Attribute Create Object=UsageRecord Name=Licenses

DataType=JSON:Integer Description="\"Licenses Used\""

Sequence=190

NoRefresh:=True) returned with rc=185:

JSON:Integer is not a valid value for DataType

Subcommand (mam-shell -v Attribute Create Object=UsageRecord Name=Licenses

DataType=JSON:Integer Description="\"Licenses Used\""

Sequence=190

NoRefresh:=True) failed with rc=185: JSON:Integer is not a valid value for DataType

Creating new UsageRecord Metrics Attribute

Subcommand (mam-shell -v Attribute Create Object=UsageRecord Name=Metrics

DataType=JSON:Float Description="\"Generic Metrics\""

Sequence=200

NoRefresh:=True) returned with rc=185:

JSON:Float is not a valid value for DataType

Subcommand (mam-shell -v Attribute Create Object=UsageRecord Name=Metrics

DataType=JSON:Float Description="\"Generic Metrics\""

Sequence=200

NoRefresh:=True) failed with rc=185: JSON:Float is not a valid value for DataType

Creating new UsageRecord Variables Attribute

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```
Subcommand (mam-shell -v Attribute Create Object=UsageRecord Name=Variables
DataType=JSON:String Description="\Job Variables\" Sequence=210
NoRefresh:=True) returned with rc=185:
JSON:String is not a valid value for DataType
Subcommand (mam-shell -v Attribute Create Object=UsageRecord Name=Variables
DataType=JSON:String Description="\Job Variables\" Sequence=210
NoRefresh:=True) failed with rc=185: JSON:String is not a valid value for DataType
```

Creating new UsageRecord RequestedDuration Attribute

```
Subcommand (mam-shell -v Attribute Create Object=UsageRecord
Name=RequestedDuration DataType=Integer Description="\Requested Wallclock
Time in seconds\" Sequence=230 NoRefresh:=True) returned with rc=0:
Object Name
```

Cause: This is caused by PostgreSQL not having `standard_conforming_strings` enabled. It is not on by default in PostgreSQL 9.1 and earlier and will have to be enabled. Later versions should not have this problem.

Solution: You will have to have to enable this in your `postgresql.conf` file.

```
vi /var/lib/pgsql/data/postgresql.conf
```

```
standard_conforming_strings = on
```

Then restart postgres and rerun the migration script.

Unique solution ID: #1152
Author: Ben Roberts
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