



WEBINAR SERIES

Removing Customizations

Stored Procedures

Presented by:
Association Technology Solutions





About ATS

- Serving iMIS community since 1995
- Full-service Authorized iMIS Solutions Provider (AiSP)
- Application development to extend the functionality of iMIS
- iMIS Bridge powered by ATS with over 140 integrations
- Over 100 RiSE website implementations
- iMIS EMS upgrade specialists supporting dozens of iMIS EMS clients





Presenter:

Michelle Clemovich, CiP

Senior iMIS Consultant

Association Technology Solutions, LLC

Email: mclemovich@atsol.org



NO IMAGE
AVAILABLE

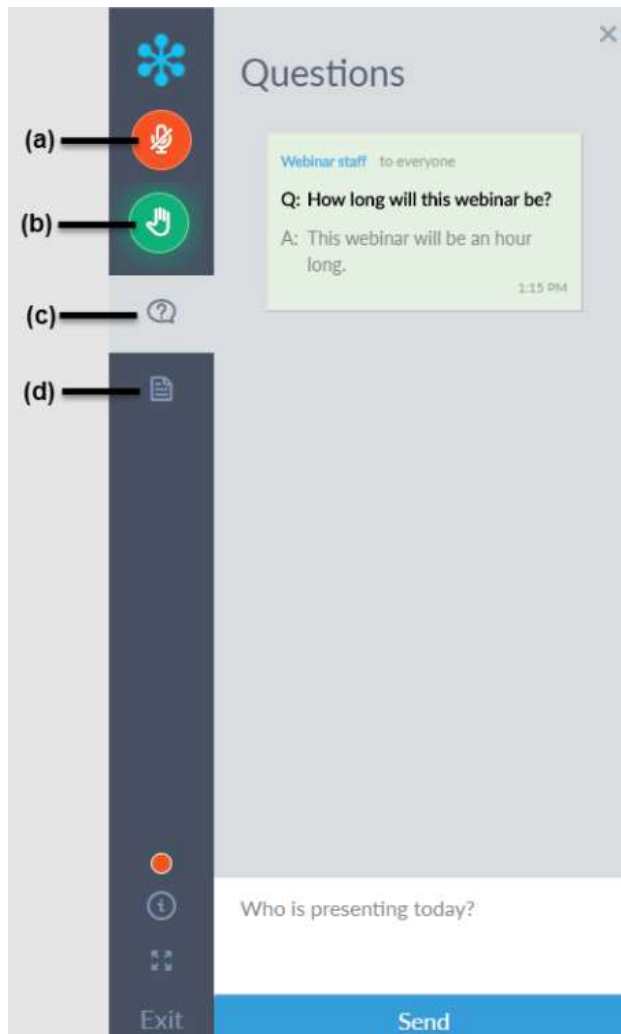
Moderator:

Richard Banks

Sales Manager

Association Technology Solutions, LLC

Email: rbanks@atsol.org



- a) Attendees are muted to reduce background noise
- b) Raise your hand to get the attention of the presenter/moderator
- c) Download handouts
(not typically provided for ATS webinars)
- d) Ask questions to be answered during Q&A after presentation is complete

Upgrade to EMS



Direct Upgrade

- ASI Hosting Azure
- Automatic Updates
- Security, Disaster Recovery, & PCI Validation

20/20 Advance Program

- ASI Hosting Azure
- **Periodic Updates**
- Security, Disaster Recovery, & PCI Validation

Self-Hosted

- Client Preference
- Client Responsible for Updates and Support
- **Access to SQL**

Have AiSP run the
ASI customization
scripts

HELP!

Remove all
customizations!!!



Survey

- How familiar are you with Stored Procedures?
 - I'm an expert
 - I can write a basic stored procedure to update a field
 - I know stored procedures exist



- Prepared SQL code that can be saved and reused over and over again
- Often used to insert or update records in iMIS

```
CREATE PROCEDURE  
procedure_name  
AS sql_statement  
GO;
```

- Best programming choice at the time
- Handle a business process that iMIS does not handle out of the box.
- Bypass or sidestep iMIS Business Rules and Constraints.
- Because they are "easy"

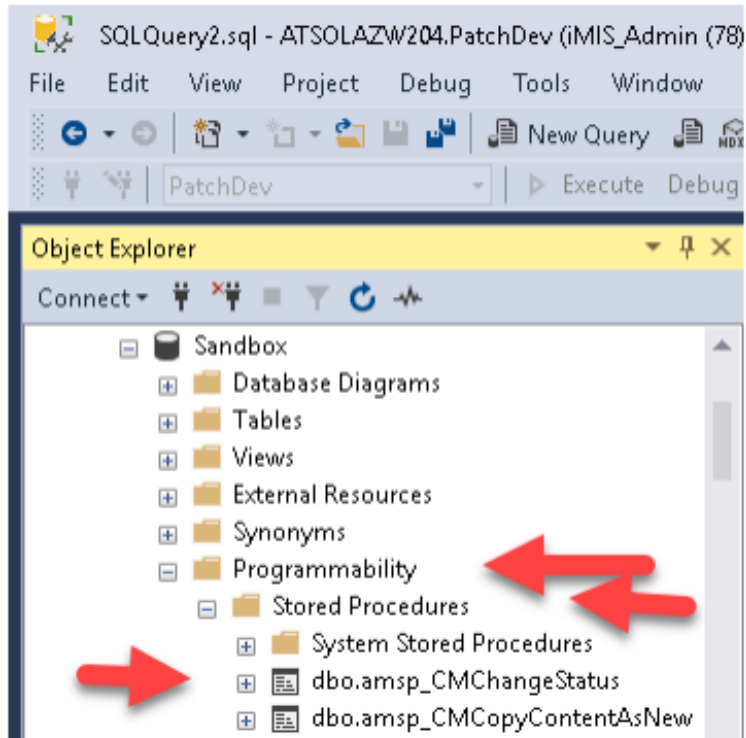
```
CREATE PROCEDURE
```

```
fixEmail AS
```

```
update Name
```

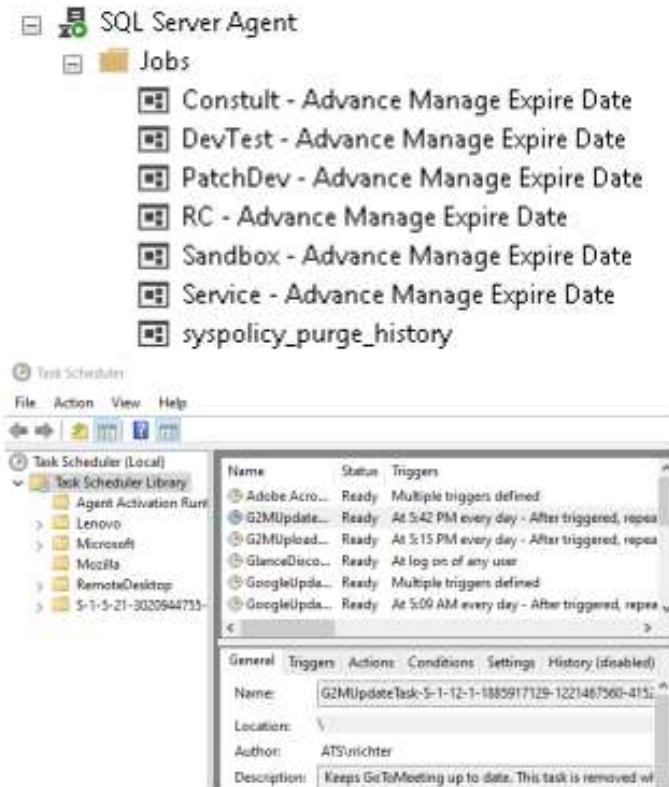
```
SET email = lower(email)
```

```
GO;
```

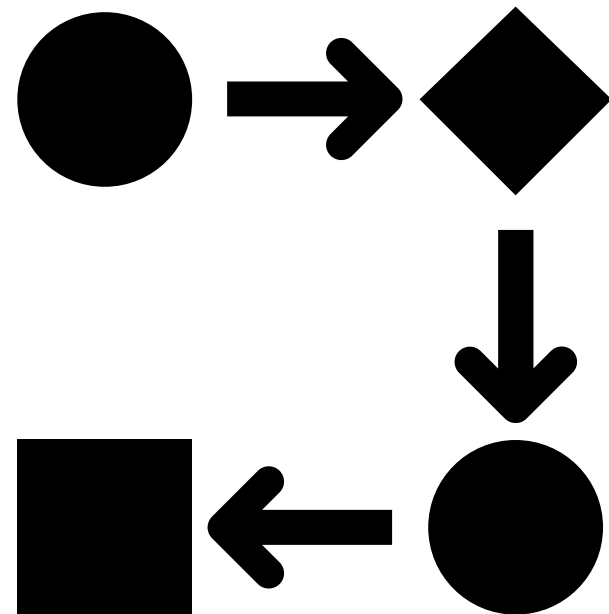


- Stored procedures can be found in SQL Server Management Studio in the Object Explorer.
- Select your database and then navigate to **Programmability > Stored Procedures**

- Command line
- Crystal Reports
- Triggers
- SQL Server Agent (Jobs) in SSMS
- Windows Task Scheduler
- Process Automation +



- How often is it updating data?
- Is the data important?
- Can the "business" process be simplified?
- What happens if you stop the process?





Is there an out of the box iMIS solution?

Workbook converter
Manage expired members

Is there a third-party solution that works with iMIS?

ATS Cloud Data Manager
CSI iMIS Data Management Suite

Use the ASI REST API's

Can I build something custom?

Data Integrity
Dashboards



Manage Expired
Members

Workbook
Converter

- Updates fields thru the REST APIs from IQAs
- Runs on demand
- Logs all changes in a standalone panel



- Build functionality to run on a schedule using the REST APIs.
- Can read and write data
- Develop code by an iMIS Solution Provider or internal staff
- Requires good working knowledge of the REST API

- A Webhook is a method of a host application to “trigger” a call to an external API based on something happening (e.g., Placing an Order)
- These are like triggers and can execute code such as a REST





NiUG Discovery Day
September 12



iNNOVATIONS
September 13-14

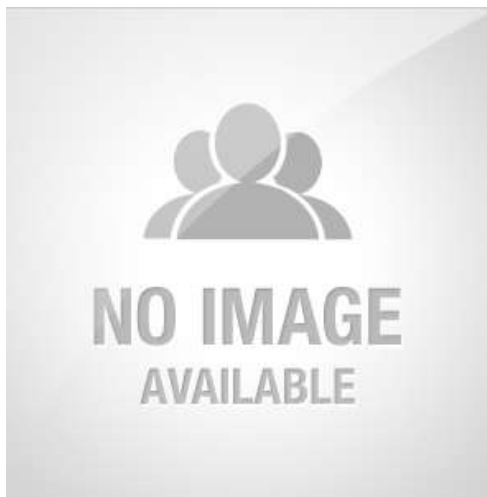


Questions & Answers



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