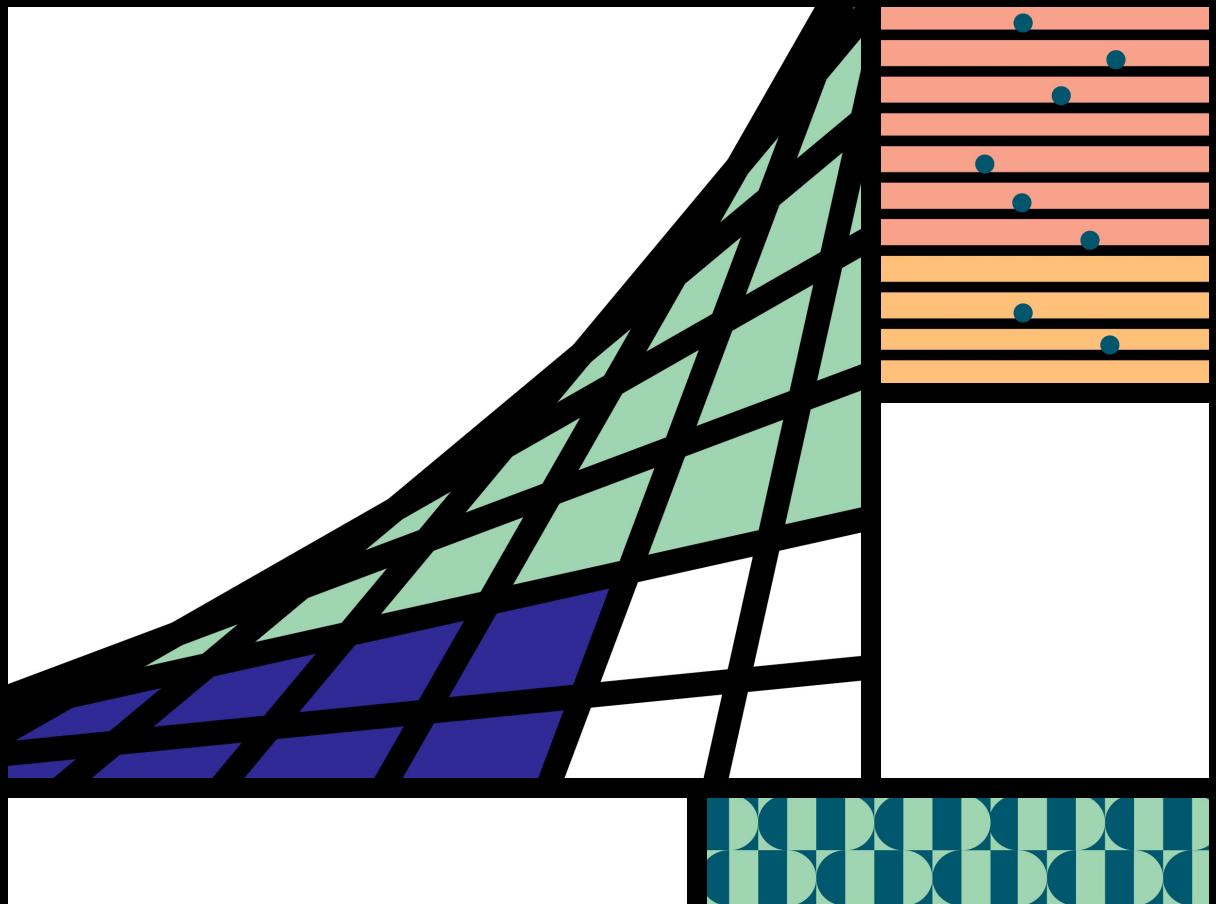
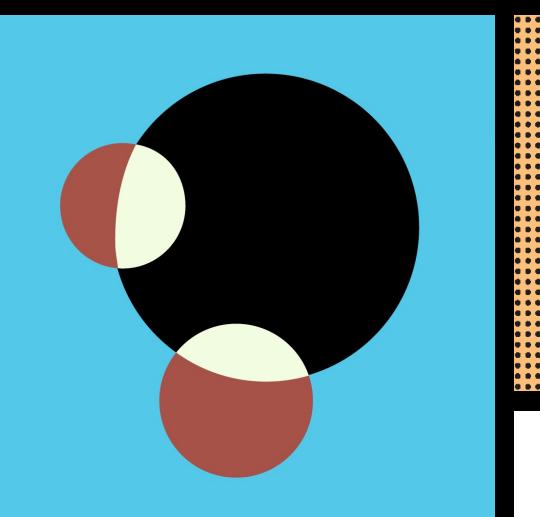
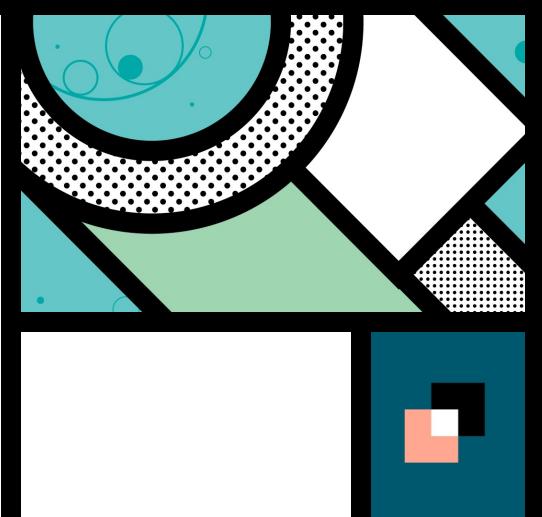


IRIS For Health Training



Guillaume Rongier

SALES ENGINEER



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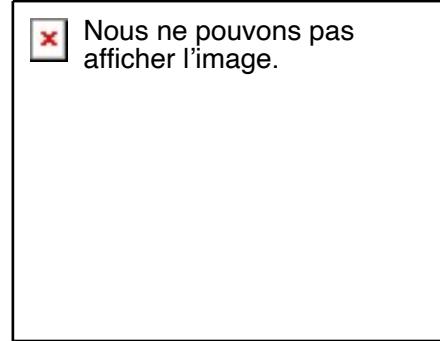
Transformation SDA3 -> FHIR

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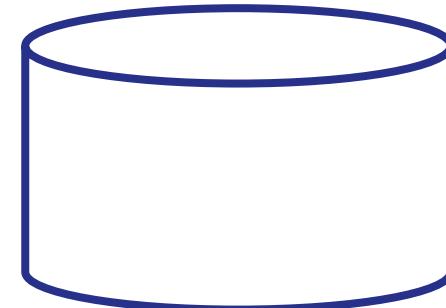


Introduction

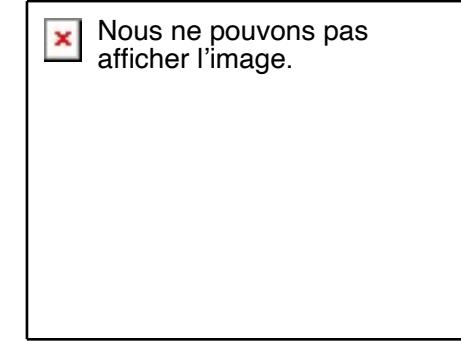
Unifier pour Simplifier



Interopérabilité



Stockage



Décisionnel



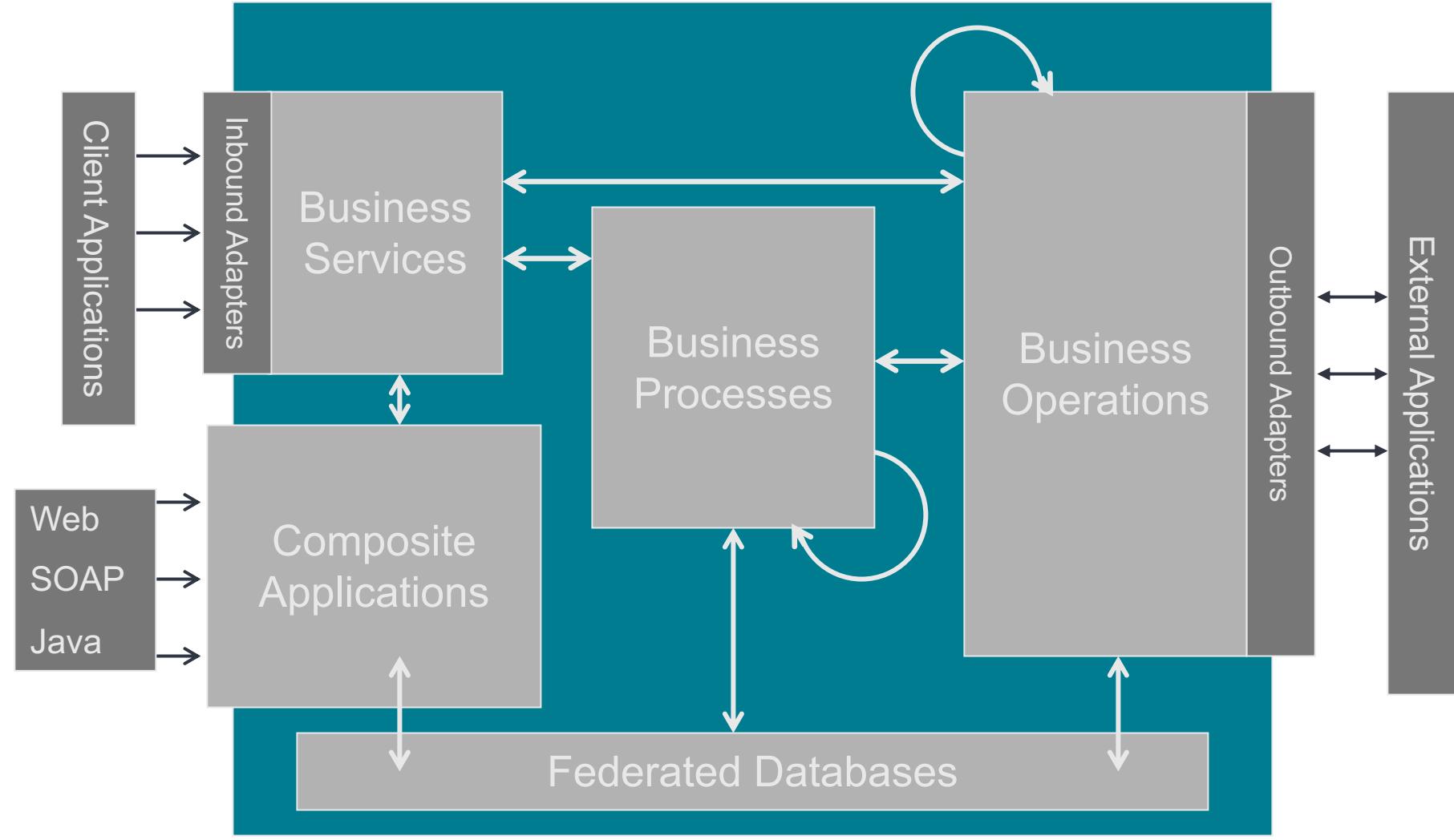
IRIS Mantra

Bring code to data

Not data to code



Interoperability Framework



Installation

Dockerfile

```
ARG IMAGE=intersystemsdc/irishealth-community:2020.4.0.547.0-zpm
FROM $IMAGE

ARG IRIS_PASSWORD

USER root
WORKDIR /opt/irisapp
RUN chown ${ISC_PACKAGE_MGRUSER}: ${ISC_PACKAGE_IRISGROUP} /opt/irisapp
USER ${ISC_PACKAGE_MGRUSER}

COPY . /opt/irisapp
COPY iris.script /tmp/iris.script

# run iris and initial
RUN iris start IRIS \
&& iris session IRIS < /tmp/iris.script \
&& iris stop IRIS quietly
```

Iris.script

```
zn "%SYS"

Do ##class(Security.Users).UnExpireUserPasswords("*")

zn "HSLIB"
// Install a Foundation namespace and change to it
Do ##class(HS.HC.Util.Installer).InstallFoundation("TRAINING")
zn "TRAINING"

// Install FHIR repo
Set appKey = "/api/fhir"
Set strategyClass = "HS.FHIRServer.Storage.Json.InteractionsStrategy"
Set metadataConfigKey = "HL7v40"
```

Docker-compose

```
version: '3.6'

services:
  iris:
    build:
      context: .
      dockerfile: dockerfile
    args:
      - IRIS_PASSWORD=$IRIS_PASSWORD

    restart: always

    env_file:
      - .env

    ports:
      - 32782:1972
      - 32783:52773
      - 32784:53773

    volumes:
      - ./:/irisdev/app
```

Lunch it !

Docker compose up



Premier flux HL7v2

 Nous ne pouvons pas afficher l'image.

First HL7 TCP Service

InterSystems™
IRIS Data Platform

Management Portal

Home Health About Help Logout

Menu

Server 6123464b3017 Namespace TRAINING Switch User SuperUser Licensed To InterSystems IRIS Community Instance IRIS

Interoperability > Production

Production

Production Running

Services +

FHIR_Http_Service

BUSINESS SERVICE WIZARD

Add a new Business Service to this Production.

All Services **HL7 Input** X12 Input Business Metric

Input Type TCP File FTP HTTP SOAP

HL7 Service Name HL7_Tcp_Service

Display Category

Comment

Enable Now

HL7 Service Target* Create New Router Choose From List None for Now

New Rule Package

HL7 Schema Category* 2.5.1

Port Number* 22222

*Default applies if no value

Cancel OK

Sort: Name Status Number View:

Production Settings

Settings Queue Log Messages Jobs Actions

Apply Search:

Informational Settings

Basic Settings

Actor Pool Size
2

Additional Settings

Alerting Control

Development and Debugging

These are the Production settings.
To view item settings, click on a configuration item.

This screenshot illustrates the process of setting up an HL7 TCP service within an InterSystems Production environment. The main window shows the 'Business Service Wizard' for creating a new service. The 'Input Type' is set to 'TCP'. The 'Actor Pool Size' is configured to 2. The 'Basic Settings' section is visible on the right side of the interface.

HL7 Operation

InterSystems™ IRIS Data Platform Management Portal Home Health About Help Logout Menu

Server 6123464b3017 Namespace TRAINING Switch User SuperUser Licensed To InterSystems IRIS Community Instance IRIS

BUSINESS OPERATION WIZARD
Add a new Business Operation to this Production.

All Operations **HL7 Output** X12 Output Workflow

Output Type TCP File FTP HTTP SOAP

HL7 Operation Name HL7_File_Operation

Display Category

Comment

Enable Now

File Path * /tmp/

Filename * %f_%Q%!+(_a)

*Default applies if no value

Cancel OK

Production Settings **Add**

local_Operation
race.Operations

Sort: Name Status Number View:

Production Settings

Settings Queue Log Messages Jobs Actions

Apply Search:

Informational Settings

Basic Settings

Actor Pool Size: 2

Additional Settings

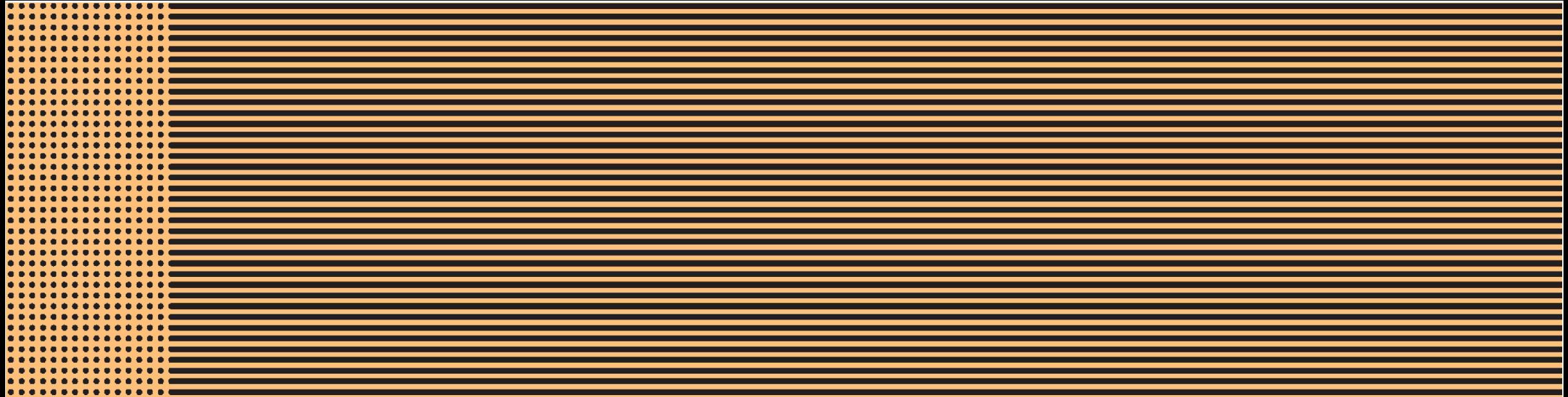
Alerting Control

Development and Debugging

These are the Production settings.
To view item settings, click on a configuration item.

The screenshot shows the InterSystems Management Portal interface. On the left, a modal window titled 'BUSINESS OPERATION WIZARD' is open, prompting to add a new business operation to a production. It includes tabs for All Operations, HL7 Output (which is selected and highlighted with a red circle), X12 Output, and Workflow. Under 'Output Type', 'File' is selected (also highlighted with a red circle). The 'HL7 Operation Name' field contains 'HL7_File_Operation'. Below it are fields for 'Display Category', 'Comment', and 'Enable Now'. At the bottom are 'File Path' and 'Filename' fields, both marked with an asterisk indicating they are required. A note at the bottom states '*Default applies if no value' with a checkbox. On the right, the main dashboard shows 'Production Settings' for a specific production named 'local_Operation'. The dashboard includes sections for 'Informational Settings', 'Basic Settings' (with an 'Actor Pool Size' of 2), 'Additional Settings', 'Alerting Control', and 'Development and Debugging'. A note at the bottom of the dashboard says 'These are the Production settings. To view item settings, click on a configuration item.' Navigation links at the top include Home, Health, About, Help, Logout, and a 'Menu' button. The top bar also displays the server ID (6123464b3017), namespace (TRAINING), user (SuperUser), license information (Licensed To InterSystems IRIS Community), and instance (IRIS).

HL7 router



HL7 router

InterSystems™ IRIS Data Platform Management Portal Home Health About Help Logout Menu

Server 6123464b3017 Namespace TRAINING Switch User SuperUser Licensed To InterSystems IRIS Community Instance IRIS

Interoperability > Rule Editor - (TRAININGPKG.HL7TcpServiceRoutingRule)*

Rule Editor

New Open Save Save As Contract Expand Open new windows 100%

```
graph LR; ruleSet[ruleSet] --> name1[name]; ruleSet --> disabled[disabled]; ruleSet --> constraint[constraint]; ruleSet --- name1;
```

ruleSet: (#1) test

ruleAssistant

The selected item is a rule. This defines a set of conditions and actions for each condition. You can select the name field following it to view or edit the name. Double click on enabled/disabled field to change.

+ Click on a button below to add an item to the diagram.

assign Add an assign action.

return Add a return action.

trace Add a trace action.

debug Add a debug action.

comment Add a comment.

Test It !

1. Create an Operation

1. Name : HL7_Tcp_Operation
2. Port : 2222
3. Host : localhost



Test It !



Client/Server

Client / Server

Save you work in git.

First remember the mantra :

- Bring code to data
- Not data to code

Second :

- Its a database



Client / Server

The screenshot shows a Microsoft Visual Studio Code (VS Code) interface with the following details:

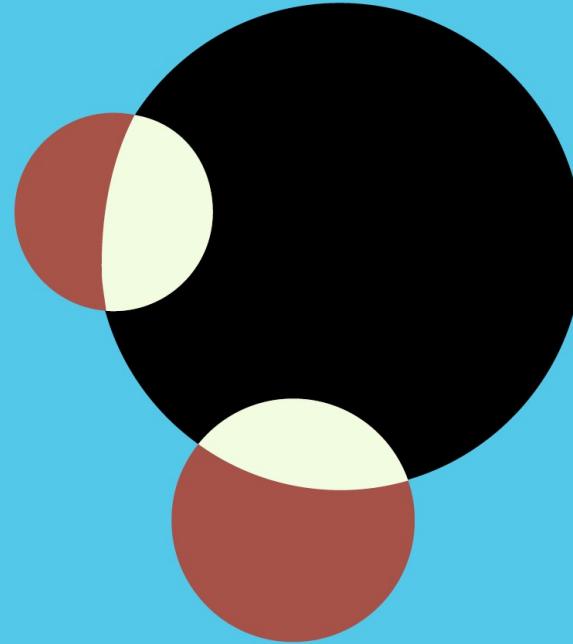
- File Explorer:** Shows the project structure for "IRIS-HEALTH-TR...". It includes a ".vscode" folder, a "data/samples" folder containing "ADT_A01Massie.hl7", "Arturo_Delvalle_76a9851b-9015-4c1e-961c-e...", "export_rdv.hl7", and "Livia_Masson_060a6bd5-5146-4b08-a916-0..."; a "misc" folder; and a "src" folder containing ".dockerignore", ".env", ".gitattributes", ".gitignore", "dev.md", "docker-compose.yml", "dockerfile", "iris.script", "LICENSE", and "README.md".
- Editor:** The main editor window displays the file "export_rdv.hl7" with its content:

```
You, 6 days ago | author (You)
1 MSH|^~\&|XPLORE|PPR|ORBIS|ORBIS|201809121548||SIU^S14|A25335484220154822|P|2.3.1|||||8859/1
2 SCH|A25335451569|||^APT|||||^201809121548|||||4827^SMITH^JOHN|||^8712&EM Neuro Pédiatrie PPR&L|CSCHIR^|||^PPR&Hôpital Pierre-Pa
3 NTE|1||Priority: S, test|GI
4 PID|||031570943^^CNV^PI||TESTBPE^BIO||TESTBPE|20100101|M|||^
5 PV1||C|9231|||4827^SMITH^JOHN|9383^DOE^MARY||PPR|||539622843
6 RGS|1|U
7 AIS|1|U|SCANCEA^RDV_CHU^EDL^RDV_CH|201809120815|||35|MIN
```
- Terminal:** The terminal window shows logs from an "iris_1" container:

```
04/16/21-14:17:56:852 (377) 0 [Utility.Event] Initializing Interoperability during system startup
04/16/21-14:17:56:852 (377) 0 [Utility.Event] Interoperability: Starting production 'TRAININGPKG.FoundationProduction' in namespace 'TRAINING'.
[INFO] ...started InterSystems IRIS instance IRIS
04/16/21-14:18:19:499 (549) 0 [Database.MountedRW] Mounted database /usr/irissys/mgr/TRAININGX0001R/ (SFN 11) read-write.
04/16/21-14:18:19:509 (549) 0 [Database.MountedRW] Mounted database /usr/irissys/mgr/TRAININGX0001V/ (SFN 12) read-write.
04/16/21-14:18:19:510 (549) 1 [Generic.Event] DB(/usr/irissys/mgr/zpm/) might be in use from (buildkitsandbox) sfn(5)
04/16/21-14:18:19:568 (549) 0 [Database.MountedRW] Mounted database /usr/irissys/mgr/zpm/ (SFN 13) read-write.
04/16/21-14:19:24:804 (589) 0 [Utility.Event] %SYS.Task.FeatureTracker transferred data to ats.intersystems.com
04/16/21-15:18:26:280 (536) 0 [Utility.Event] [SYSTEM MONITOR] Alert state cleared.
04/17/21-01:10:17:866 (368) 1 [Generic.Event] Warning: Alternate and primary journal directories are the same
04/17/21-01:10:17:942 (3644) 0 [Generic.Event] INTERSYSTEMS IRIS JOURNALING SYSTEM MESSAGE
iris_1 Journaling switched to: /usr/irissys/mgr/journal/20210417.001
04/17/21-01:10:18:055 (3648) 0 [Utility.Event] Purging old application errors
04/18/21-01:33:57:058 (368) 1 [Generic.Event] Warning: Alternate and primary journal directories are the same...(repeated 1 times)
04/18/21-01:33:57:114 (6127) 0 [Generic.Event] INTERSYSTEMS IRIS JOURNALING SYSTEM MESSAGE
iris_1 Journaling switched to: /usr/irissys/mgr/journal/20210418.001
04/18/21-01:33:57:278 (6134) 0 [Utility.Event] Purging old application errors
04/18/21-02:59:08:205 (6129) 1 [Utility.Event] %SYS.Task.FeatureTracker failed to transfer data
04/19/21-00:19:43:830 (368) 1 [Generic.Event] Warning: Alternate and primary journal directories are the same...(repeated 1 times)
04/19/21-00:19:43:844 (7849) 0 [Generic.Event] INTERSYSTEMS IRIS JOURNALING SYSTEM MESSAGE
iris_1 Journaling switched to: /usr/irissys/mgr/journal/20210419.001
04/19/21-02:59:57:819 (7855) 0 [Utility.Event] Purging old application errors
04/19/21-02:59:57:892 (7853) 0 [Utility.Event] DELETE: /usr/irissys/mgr/journal/20210413.001
```
- Status Bar:** The status bar at the bottom shows the current file is "main*", the Docker container is "docker:iris:32783[TRAINING]", the HL7 schema is "v2.3.1", and other status information like "You, 6 days ago", "Ln 7, Col 58 (525 selected)", and "Spaces: 4 UTF-8 CRLF HL7".

DTL

DTL



DTL



DTL

InterSystems™
IRIS Data Platform

Management Portal

Home Health About Help Logout

Menu

Server 6123464b3017 Namespace TRAINING Switch User SuperUser Licensed To InterSystems IRIS Community Instance IRIS

Interoperability > Data Transformation Builder - (Training.DTL.SIU.AIStoSCH)*

New Open Save Save As Compile 100% -Add Action- View:

Source
EnsLib.HL7.Message
2.5.1:SIU_S12

Target
EnsLib.HL7.Message
2.5.1:SIU_S12

Actions

#	Action	Condition	Property	Value	Key / Transform
1					

Transform Action Tools

Details for the overall data transformation

Name: Training.DTL.SIU.AIStoSCH.dtl

Create: copy

Source Class: EnsLib.HL7.Message

Source Doc Type: 2.5.1:SIU_S12

Target Class: EnsLib.HL7.Message

Target Doc Type: 2.5.1:SIU_S12

Language: objectscript

Report Errors:

Ignore missing source segments and properties:

Treat empty repeating fields as null:

DTL

InterSystems™
IRIS Data Platform

Management Portal

Home Health About Help Logout

Menu

Server 6123464b3017 Namespace TRAINING Switch User SuperUser Licensed To InterSystems IRIS Community Instance IRIS

Interoperability > Data Transformation Builder - (Training.DTL.SIU.AIStoSCH)*

New Open Save Save As Compile 100% -Add Action- View:

RGS

AISgrp()

AIS

1: SetIDAIS

2: SegmentActionCode

3: UniversalServiceIdentifier

4: StartDateTime

5: StartDateTimeOffset

6: StartDateTimeOffsetUnits

7: Duration

8: DurationUnits

9: AllowSubstitutionCode

5: ScheduledID

6: EventReason

7: AppointmentReason

8: AppointmentType

9: AppointmentDuration

10: AppointmentDurationUnits

11: AppointmentTimingQuantity()

12: PlacerContactPerson()

13: PlacerContactPhoneNumber

14: PlacerContactAddress()

15: PlacerContactLocation

16: FillerContactPerson()

Actions

Action Condition Property Value Key / Transform

1 set target.{SCH:AppointmentDuration} source.{RGSGrp().AISgrp().AIS:Duration} ""

2 set target.{SCH:AppointmentDurationUnits} source.{RGSGrp().AISgrp().AIS:DurationUnits} ""

View:

»

Transform Action Tools

Details for the selected action

assign

Set the value of a target property.

View documentation

Action

set

Property

target.{SCH:AppointmentDurationUnits}

Property whose value will be set. Double-clicking on a target property in the diagram will place that property in this field.

Value

source.{RGSGrp().AISgrp().AIS:DurationUnits}

Value to assign to the property. Double-clicking on a property in the diagram will place that property in this field.

Key

""

For collection properties, this string specifies the member of the collection that is the target of this assignment.

Disabled

Control whether this action and its children should be disabled.

Description

Test It !

1. Compile
2. Test It !
 1. Tools Tab
 1. Test
3. Add DTL to router
 1. Test It !



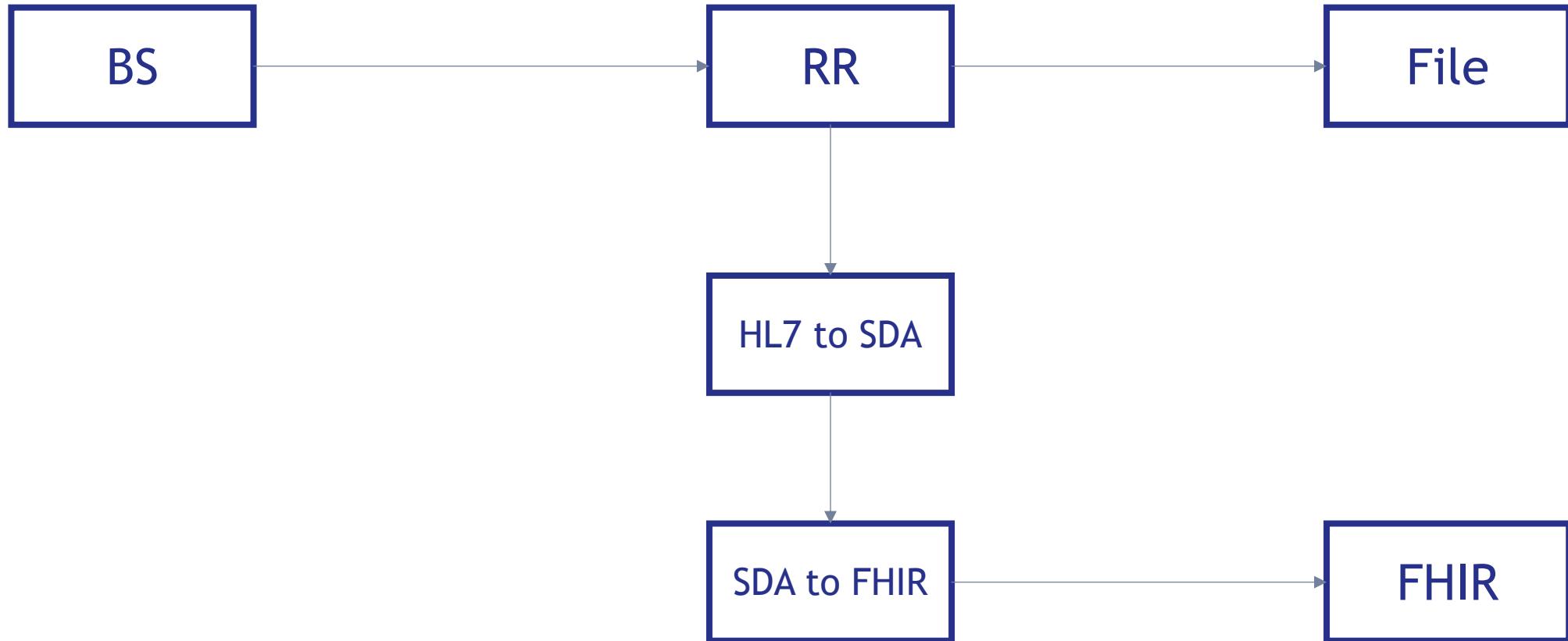
HL7v2 To FHIR
Demographics
Only



Overview, what we have done



Overview, what we plan to do



Instantiate the new BPs

Instantiate Training.BP.HL7ToSDA3 as HL7_To_SDA

The screenshot shows the InterSystems Management Portal interface. The top navigation bar includes Home, Health, About, Help, and Logout. The main menu has Server 6123464b3017, Namespace TRAINING, User SuperUser, Licensed To InterSystems IRIS Community, and Instance IRIS. A sidebar on the left shows Production Running services: FHIR_Http_Service and HL7_Tcp_Service.

The central area displays the Business Process Wizard dialog box, which is overlaid on the Production Settings dialog box. The Business Process Wizard form contains the following fields:

- Business Process Class: Training.BP.HL7ToSDA3
- Business Process Name: HL7_To_SDA
- Display Category: (dropdown menu)
- Comment: (text input field)
- Enable Now: (checkbox)
- Pool Size: 1

The Production Settings dialog box contains the following sections:

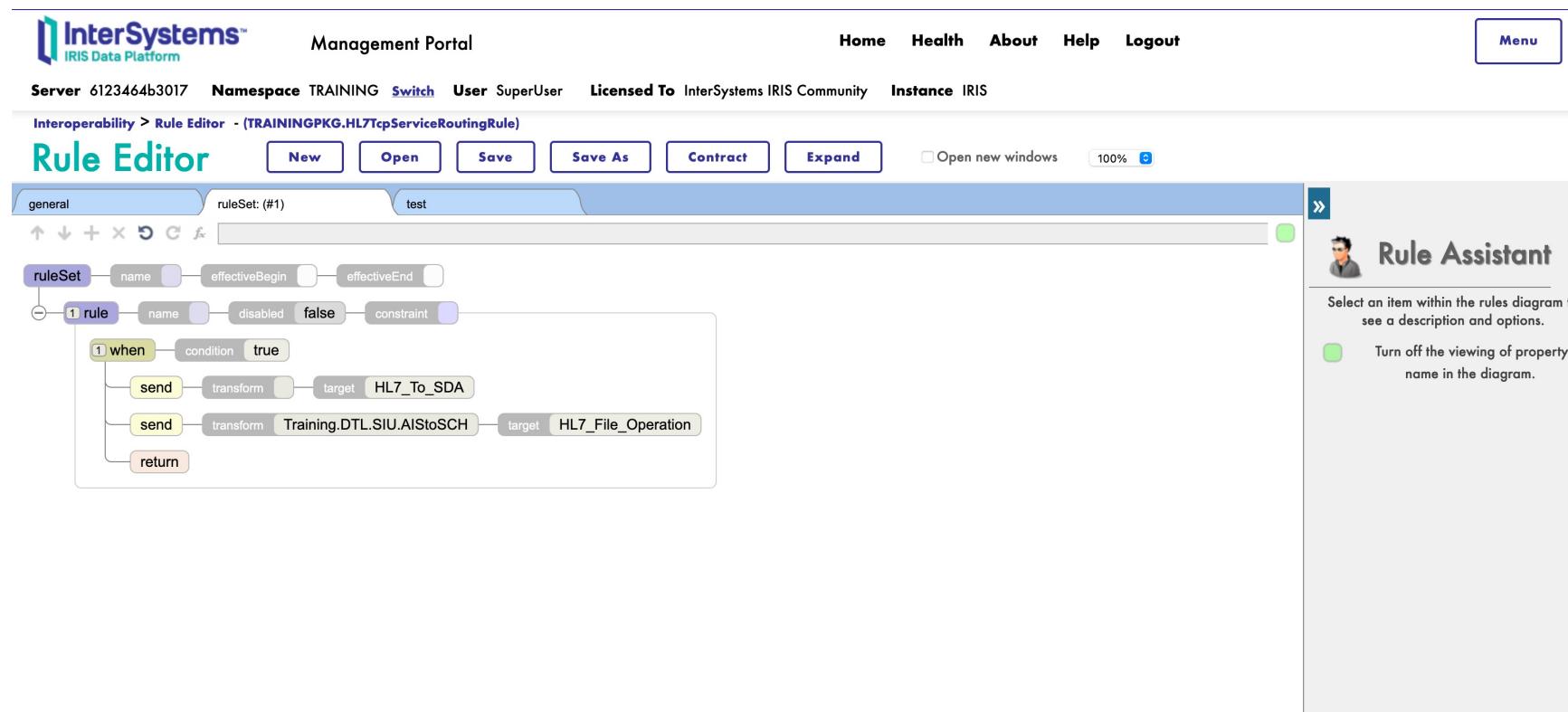
- Sort: Name, Status, Number, View: (grid icons)
- Production Settings: Settings, Queue, Log, Messages, Jobs, Actions, Apply, Search: (text input)
- Informational Settings: Description (text input)
- Basic Settings: Actor Pool Size: 2
- Additional Settings: Shutdown Timeout: 120, Update Timeout: 10
- Alerting Control

At the bottom of the Business Process Wizard dialog are Cancel and OK buttons.

Instantiate the new BPs

Instantiate **HS.FHIR.DTL.Util.HC.SDA3.FHIR.Process** as **SDA_To_FHIR**

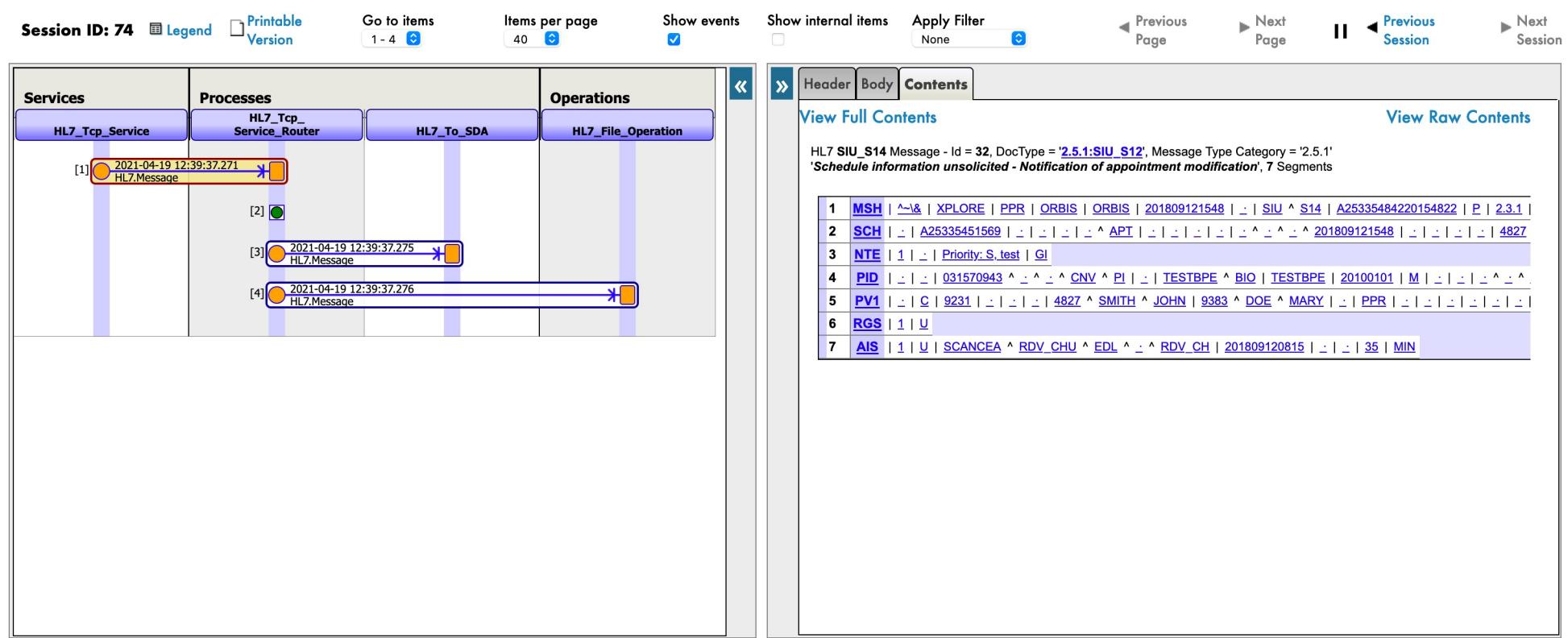
Add route to **HL7_To_SDA** to **TRAININGPKG.HL7TcpServiceRoutingRule**



Test It !

What happen ?

VISUAL TRACE



Use the helper tools in Training.BP.HL7ToSDA3

The helper is **Training.Tools.HL7toSDA3Demographics** who extends
HS.Hub.Standalone.HL7.HL7ToSDA3

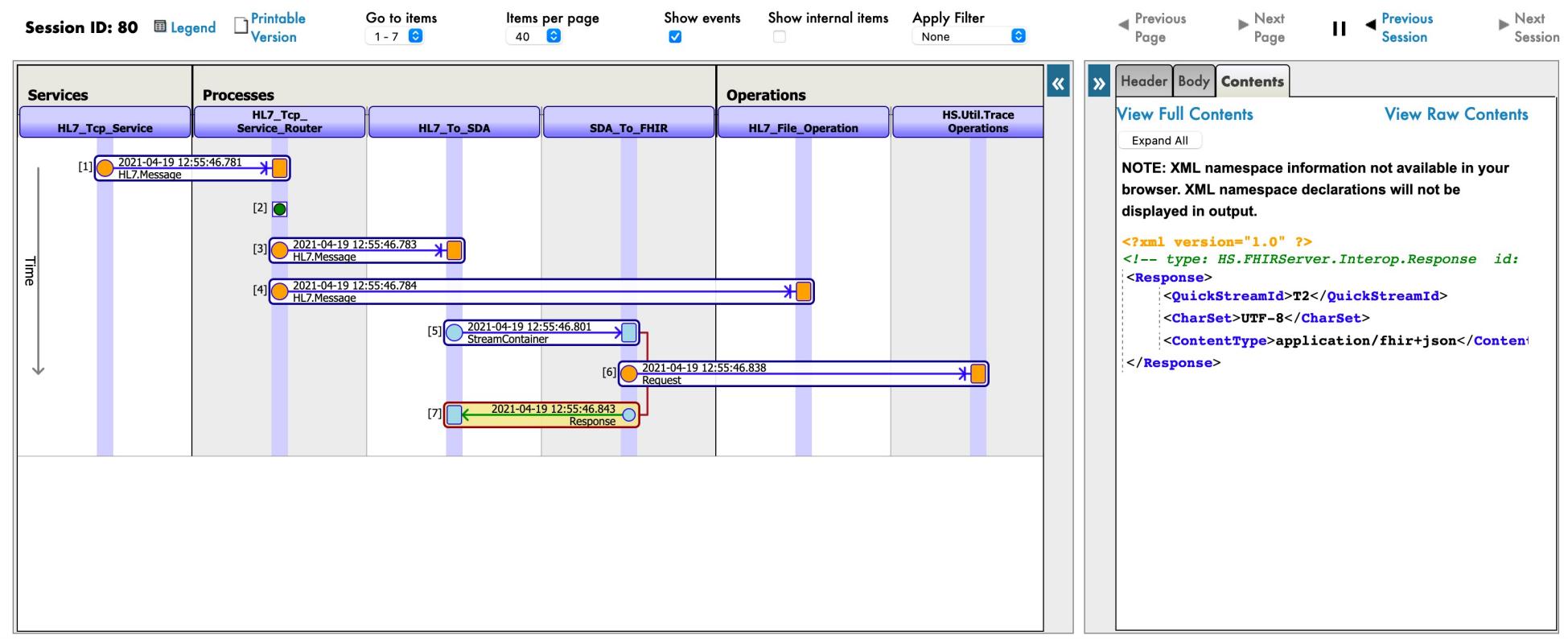
```
/// Transforms an HL7 message to SDA, an internal healthcare format for
InterSystems IRIS for Health.
Method OnRequest(pRequest As EnsLib.HL7.Message, Output pResponse As
Ens.Response) As %Status
{
set tSC = $$0K
try {
//set tSC = ##class(Training.Gateway.HL7.HL7ToSDA3).GetSDA(pRequest,.tSDA)
//set tSC=
##class(Training.Hub.Standalone.HL7.HL7ToSDA3).GetSDAContainer(pRequest,.t
Container)
//set tSC = tContainer.ToQuickXMLStream(.tSDA)
//set tSC =
..SendRequestSync(..TargetConfigName,##class(Ens.StreamContainer).%New(tSD
A),.pResponse)
} catch ex {
set tSC = ex.AsStatus()
}
quit tSC
}
```

```
/// Transforms an HL7 message to SDA, an internal healthcare format for
InterSystems IRIS for Health.
Method OnRequest(pRequest As EnsLib.HL7.Message, Output pResponse As
Ens.Response) As %Status
{
set tSC = $$0K
try {
//set tSC =
##class(Training.Gateway.HL7.HL7ToSDA3).GetSDA(pRequest,.tSDA)
set tSC=
##class(Training.Tools.HL7toSDA3Demographics).GetSDAContainer(pRequest,.t
Container)
set tSC = tContainer.ToQuickXMLStream(.tSDA)
set tSC =
..SendRequestSync(..TargetConfigName,##class(Ens.StreamContainer).%New(tS
DA),.pResponse)
} catch ex {
set tSC = ex.AsStatus()
}
quit tSC
}
```

Test It !

What happen ?

VISUAL TRACE



Use custom DTLs

1. Overload method **GetTransformClass** from **Training.Tools.HL7toSDA3Demographics**

Objective :

1. Define new package of custom DTL
2. If no custom
 1. Use stand DTLs



Example

```
set tTransformPackage =
"HS.Hub.Standalone.HL7.DTL"

set pTransformClass =
tTransformPackage_"."_pTransformClass
```

```
set tTransformPackage =
"Training.Tools.DTL"

set tTransformClass =
tTransformPackage_"."_pTransformClass

if '$$$comClassDefined(tTransformClass)
{

set tTransformPackage =
"HS.Hub.Standalone.HL7.DTL"

set tTransformClass =
tTransformPackage_"."_pTransformClass
}

set pTransformClass = tTransformClass
```

Import DTLs to our custom package

Go to InterSystems explorer -> **HS.Hub.Standalone.HL7.DTL**

Export classes and save then as **Training.Tools.DTL**



HL7v2 To FHIR

Full Experience



Before starting

ObjectScript Commands

- Set (a variable)
- Do (do an action, execute a static method)
- Write (standard output, like a print("") in python)
- Kill (unload a variable)
- Quit (exit a block, method, loop, ...)
- Merge (merge two globals, like set but for multi dimensional variable)

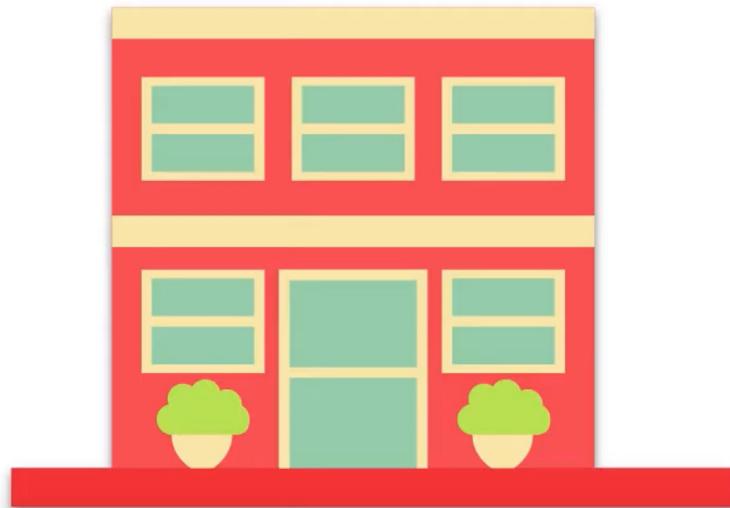
(https://docs.intersystems.com/irisforhealthlatest/csp/docbook/Doc.View.cls?KEY=RCOS_COMMANDS)



Before starting

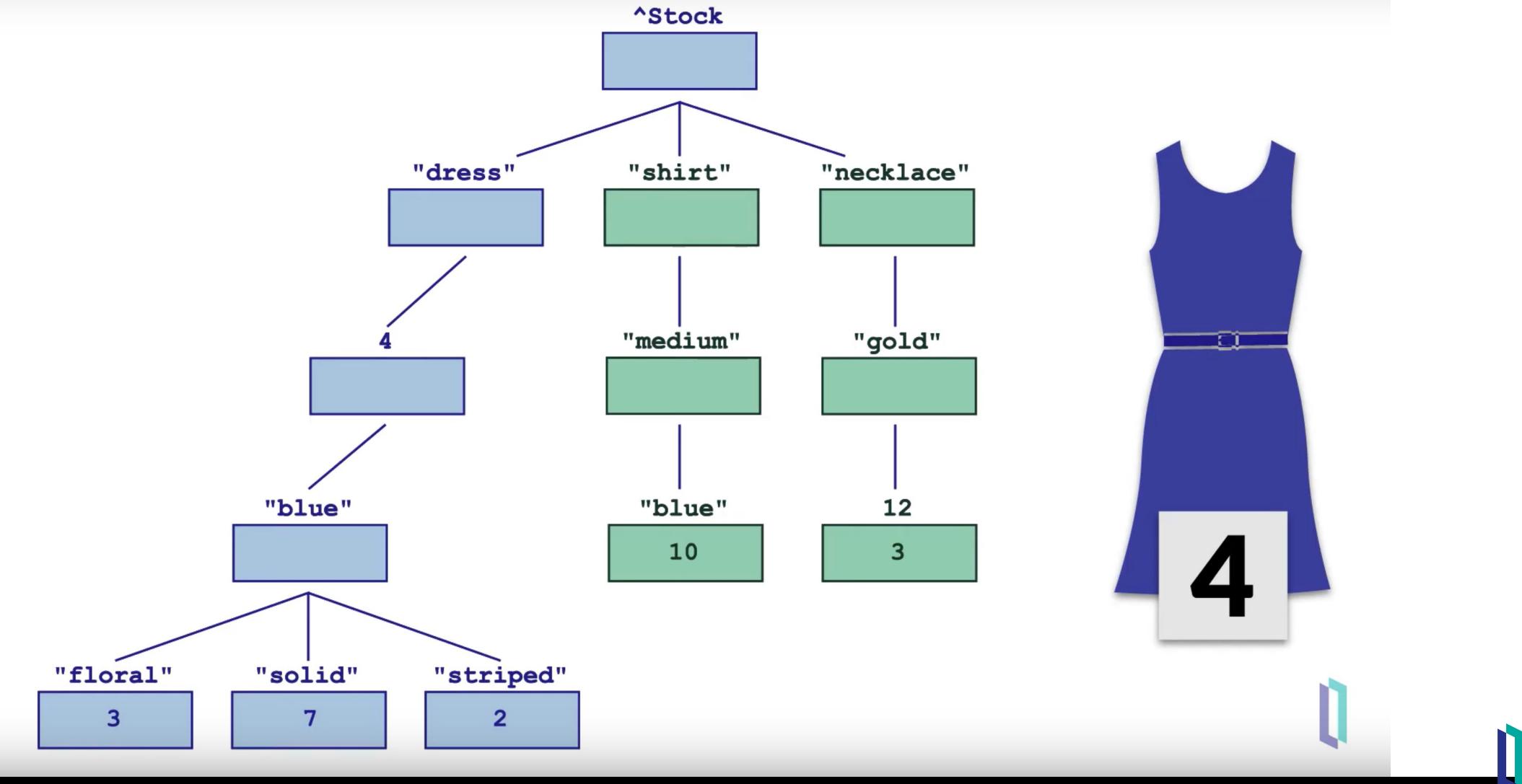
Globals

```
^Stock("dress", 4, "blue", "floral") = 3
^Stock("dress", 4, "blue", "solid") = 7
^Stock("dress", 4, "blue", "striped") = 2
^Stock("shirt", "M", "blue") = 10
^Stock("necklace", "gold", 12) = 3
```



Before starting

Globals



Let's Go !

Have a look at **HS.Gateway.HL7.HL7ToSDA3**

Objective of this helper class :

- Be fast
- Write the SDA XML Object
- Parse HL7 Message as a Global



Let's Debug It !

Edit Training.BP.HL7ToSDA3

Add a switch for selecting the right helper (don't forget the property and setting)

```
/// Transforms an HL7 message to SDA, an internal healthcare format for
InterSystems IRIS for Health.
Method OnRequest(pRequest As EnsLib.HL7.Message, Output pResponse As
Ens.Response) As %Status
{
set tSC = $$0K
try {
  //set tSC =
##class(Training.Gateway.HL7.HL7ToSDA3).GetSDA(pRequest,.tSDA)
  set tSC=
##class(Training.Tools.HL7toSDADemographics).GetSDAContainer(pRequest,.t
Container)
  set tSC = tContainer.ToQuickXMLStream(.tSDA)
  set tSC =
..SendRequestSync(..TargetConfigName,##class(Ens.StreamContainer).%New(tS
DA),.pResponse)
} catch ex {
  set tSC = ex.AsStatus()
}
quit tSC
}
```

```
/// Transforms an HL7 message to SDA, an internal healthcare format for
InterSystems IRIS for Health.
Method OnRequest(pRequest As EnsLib.HL7.Message, Output pResponse As
Ens.Response) As %Status
{
set tSC = $$0K
try {
  if ..Code {
    set tSC = ##class(HS.Gateway.HL7.HL7ToSDA3).GetSDA(pRequest,.tSDA)
  }
  else {
    set tSC=
##class(Training.Tools.HL7toSDADemographics).GetSDAContainer(pRequest,.tC
ontainer)
    set tSC = tContainer.ToQuickXMLStream(.tSDA)
  }
  set tSC =
..SendRequestSync(..TargetConfigName,##class(Ens.StreamContainer).%New(tSD
A),.pResponse)
} catch ex {
  set tSC = ex.AsStatus()
}
quit tSC
}
```

Attach process to VsCode

The screenshot displays two side-by-side interfaces: the InterSystems IRIS Management Portal and the Visual Studio Code (VsCode) editor.

InterSystems IRIS Management Portal (Left):

- Processes:** Shows a list of processes including FHIR_Router, HL7_Tcp_Service_Router, HL7_To_SDA (selected), and SDA_To_FHIR.
- Operations:** Shows a list of operations including FHIR_Local_Operation, HL7_File_Operation, HL7_Tcp_Operation, and HS.Util.Trace.Operations.
- HL7_To_SDA Details:** A detailed view of the selected process. It includes tabs for Settings, Queue, Log, Messages, Jobs, and Actions. The Jobs tab shows a table with one row: Job 15787, Status OK. The Actions section contains Abort, Suspend, and Stop buttons.

VsCode Editor (Right):

- RUN AND DEBUG:** A status bar indicating "ObjectScript Attach".
- VARIABLES:** A sidebar showing variables. One variable, "tSC", is highlighted with a red circle.
- WATCH:** A sidebar showing a watch list. One entry, "tSC", is highlighted with a red circle.
- Code Editor:** The code for `HL7toSDA3.cls` is shown. A red circle highlights the assignment statement `set tSC = $$$OK`.

Attach process to VsCode

HL7ToSDA3.cls — iris-health-training

```
src > HS > Gateway > HL7 > HL7ToSDA3.cls > HS.Gateway.HL7.HL7ToSDA3 > sius12
399     }
400     while $$$Next("ORCRDE") {do ..ORC("rde")} do ..end("ORCRDE")
401   }
402
403   Debug this method
404   ClassMethod sius12()
405   set Action="AddOrUpdate"
406   do ..PID(),..PD1(),..end("PID")
407   if ($$$Next("PV1"))&&..StartEncounters() {
408     do ..PV1(),..PV2()
409     do ..EndEncounters()
410   }
411   while $$$Next("DG1") {do ..DG1()} do ..end("DG1")
412   while $$$Next("OBX") {do ..OBX("obs")} do ..end("OBX")
413   do ..SCH()
414 }
415
416 Debug this method
```

TERMINAL SQL CONSOLE: MESSAGES PROBLEMS OUTPUT DEBUG CONSOLE OUTLINE TIMELINE ObjectScript

```
Compilation started on 04/19/2021 16:01:56 with qualifiers 'cbuk'
Class Training.BP.HL7ToSDA3 is up-to-date.
Compilation finished successfully in 0.003s.
```

```
Compilation started on 04/19/2021 16:02:19 with qualifiers 'cbuk', using worker jobs
Compiling class Training.BP.HL7ToSDA3
Compiling table Training_BP.HL7ToSDA3_MessagesReceived
Compiling table Training_BP.HL7ToSDA3_MasterPendingResponses
Compiling table Training_BP.HL7ToSDA3_MessagesSent
Compiling table Training_BP.HL7ToSDA3
Compiling routine Training.BP.HL7ToSDA3MessagesReceived.1
Compiling routine Training.BP.HL7ToSDA3MessagesSent.1
Compiling routine Training.BP.HL7ToSDA3MasterPendingResponses.1
Compiling routine Training.BP.HL7ToSDA3.1
Compilation finished successfully in 0.445s.
export "HS.Gateway.HL7.HL7ToSDA3.cls" as "/Users/grongier/git/iris-health-training/src/HS/Gateway/HL7/HL7ToSDA3.cls" - Success
Exported items: 1
```

CALL STACK PAUSED ON BREAKPOINT

- sius12+1 HS.Gateway.HL7.HL7ToSDA3.cls 405:1
- message+51 HS.Gateway.HL7.HL7ToSDA3.cls 10:1
- GetSDA+22 HS.Gateway.HL7.HL7ToSDA3.cls 34:1
- OnRequest+4 Training.BP.HL7ToSDA3.cls 20:1
- MessageHeaderHandler+22 Training.BP.HL7ToSDA3...
- zMessageHeaderHandler+106 Unknown Source

BREAKPOINTS

- HL7toSDA3.cls src/Training/BP
- HL7ToSDA3.cls src/HS/Gateway/HL7 405

solution* 0 1 0 ▲ 0 ObjectScript Attach (iris-health-training) Connect docker:iris:32783[TRAINING] Ln 405, Col 1 Tab Size: 4 UTF-8 LF ObjectScript-class

Plugins



CI/CD



Nous ne pouvons pas afficher l'image.