Title: SDA Mapping Extension v1.7 HC and HS Step-by-Step Setup Instructions

The following is the instructions for the setting up and loading SDA Mapping Extensions v1.7. These contains instructions for each gateway (Access, Registry, HealthShare Edge) and HealthConnect for Pre-setup and setup.

**install DI22\_P2\_9\_T7 and VPR Utility v1.0\*8 T7 KIDS packages into VistA’s first, in that order.**

Step 1: HealthConnect (HC) Pre-Setup

* A: Confirm no users are using HealthConnect (meaning sending in any messages)
* B: Make a backup of HealthConnect or make sure there is a recovery approach for just in case.
  + If you have a recent backup and have journals being created you may not need a backup.
* C: If you have loaded any version before SDA Mapping Extension v1.7 then follow these otherwise you can skip this step and go to the next step.
  + Remove HS.Local.SDA3 Package. Note: You can do this by going into studio and right click the package and select delete.
  + Remove HS.Local.VA.SDA3 Package. Note: You can do this by going into studio and right click the package and select delete.
* D: Confirm or setup HC Package Mapping



Note: You can use the URL if your user is setup in HC

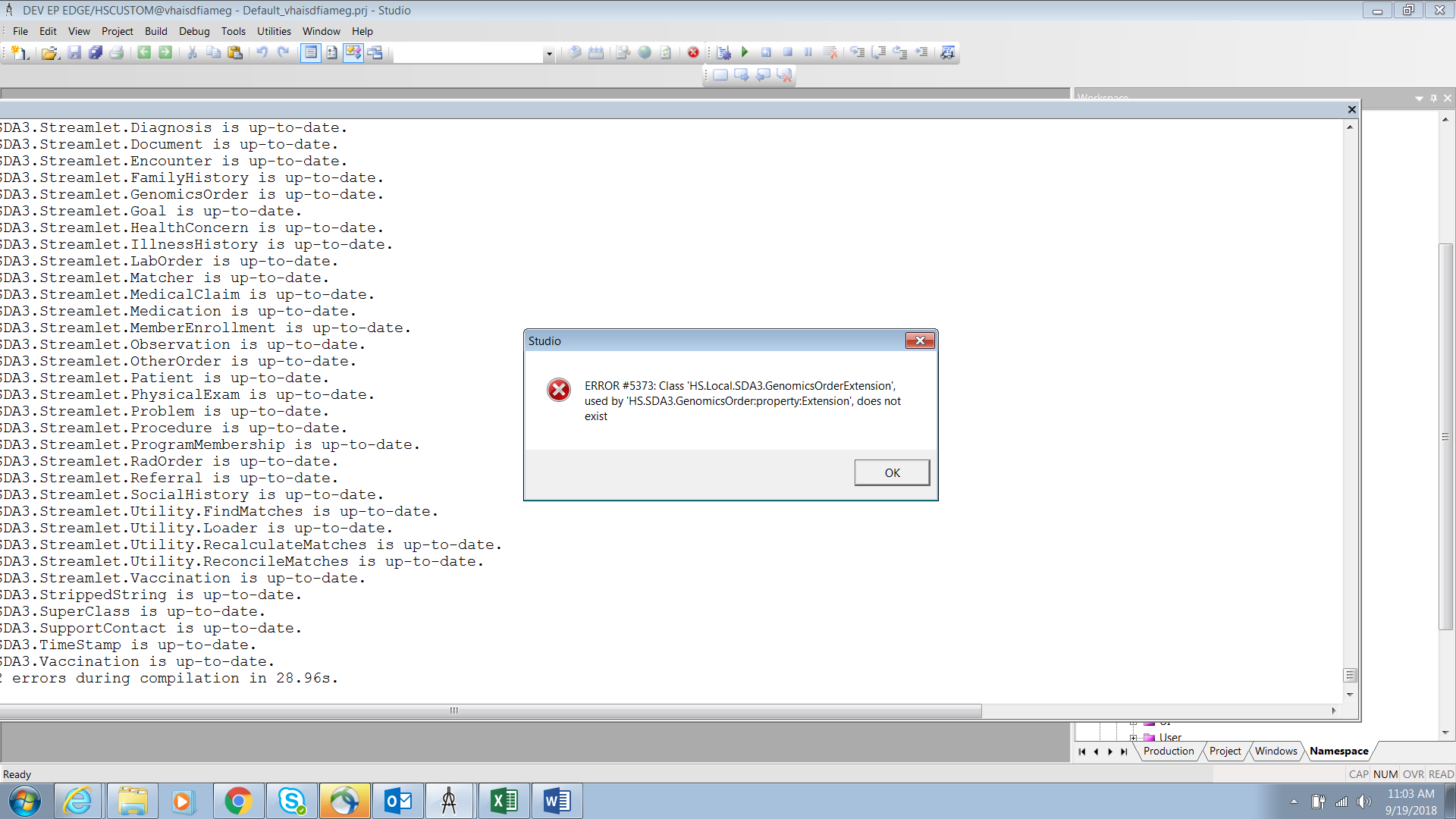
<http://yourserverip:port/csp/sys/mgr/%25CSP.UI.Portal.Mappings.zen?MapType=Prj&PID=HSCUSTOM>

*Where yourserverip = your servers ip or localhost and port is your web server port*

<http://10.208.226.49:57772/csp/sys/mgr/%25CSP.UI.Portal.Mappings.zen?MapType=Prj&PID=HSCUSTOM>

Step 2:HealthConnect (HC) Setup

* A:If you have any version before v1.7 and have completed this step you can go to the next step and skip this step.
  + Confirm deletion of VA\* package and HS.Local.VA.SDA3.CodeTableDetail.AllergyExtension and HS.Local.SDA3.Test
  + If present delete.
* **To correct the compile error that happened in DEV, need to install and compile the following classes in the HSLIB namespace on both the Access and Edge Gateways: GenomicsOrderExtension.cls & GenomicsVariantExtension.cls (not sure if we will get an updated package with these classes already in them. If we don’t, load the 2 .cls files into Studio and then compile). This will prevent this install error:**



**Compilation started on 09/19/2018 11:02:47 with qualifiers 'cuk'**

**ERROR #5373: Class 'HS.Local.SDA3.GenomicsOrderExtension', used by 'HS.SDA3.GenomicsOrder:property:Extension', does not exist**

**Skip class HS.SDA3.GenomicsOrder**

**ERROR #5373: Class 'HS.Local.SDA3.GenomicsVariantExtension', used by 'HS.SDA3.GenomicsVariant:property:Extension', does not exist**

**Skip class HS.SDA3.GenomicsVariant**

**Class HS.SDA3.AbstractMedication is up-to-date.**

**Detected 2 errors during compilation in 28.96s.**

* B: Load into **HSCUSTOM** namespace the SDA Mapping Extension v1.7 (using Reflections or Studio or Atelier)



**Load the v1.7 Streamlet classes that are missing from the v17 package. File name is Streamletsv1.7092018.xml and is located in git**

* C: Compile in the following order in HSCUSTOM
  + HS.Local.VA.SDA3\*
  + HS.Local.VA\*
  + HS.Local\*
  + HS.SDA3\*
  + If any of the above give errors work the errors first before continuing down the compile order listed above.
* D: Confirm the following exists
  + HS.Local.VA.HC.DDE.Extract.cls
  + HS.Local.VA.HC.VPR.Extract.cls
  + HS.Local.VA.HC.VPR.Util.DomainValidator.cls
  + If not, reach out to Ken Leonards’ team and specify details that one or the all of the above are missing.

Step 3: HealthShare (HS) Pre-Setup

* A: Make a backup of HealthShare or make sure there is a recovery approach for just in case.
  + If you have a recent backup and have journals being created you may not need a backup.
* B: Confirm no users are using HealthShare (meaning sending in any messages)
* C: If you have loaded any version before SDA Mapping Extension v1.7 then follow these otherwise you can skip this step and go to the next step.
  + Remove HS.Local.SDA3 Package. Note: You can do this by going into studio and right click the package and select delete.
  + Remove HS.Local.VA.SDA3 Package. Note: You can do this by going into studio and right click the package and select delete
* D: Confirm or setup HS Package Mapping



Note: You can use the URL if your user is setup in HC

<http://yourserverip:port/csp/sys/mgr/%25CSP.UI.Portal.Mappings.zen?MapType=Prj&PID=HSCUSTOM>

*Where yourserverip = your servers ip or localhost and port is your web server port*

Step 4: HealthShare (HS) Setup

* A:If you have any version before v1.7 and have completed this step you can go to the next step and skip this step.
  + Confirm deletion of VA\* package and HS.Local.VA.SDA3.CodeTableDetail.AllergyExtension and HS.Local.SDA3.Test
  + If present delete.

**Since our Healthconnect and HS Edge are on the same Box, you do not need to do steps B or C again.**

* B: Load into HSCUSTOM namespace the SDA Mapping Extension v1.7 (using Reflections or Studio or Atelier)



* C: Compile in the following order in HSCUSTOM

*Caution: This list is different from HealthConnect*

* + HS.Local.VA.SDA3\*
  + HS.Local\*
  + HS.SDA3\*
  + If any of the above give errors work the errors first before continuing down the compile order listed above.

Step 5: Access Gateway (HSACCESS) and Registry Gateway (HSREGISTRY) Pre-Load

* A: Make a backup or make sure there is a recovery approach for just in case.
  + If you have a recent backup and have journals being created you may not need a backup.
* B: Confirm no users are using HealthShare (meaning requesting any messages)
* C: If you have loaded any version before SDA Mapping Extension v1.7 then follow these otherwise you can skip this step and go to the next step.
  + Remove HS.Local.SDA3 Package. *Note: You can do this by going into studio and right click the package and select delete.*
  + Remove HS.Local.VA.SDA3 Package*. Note: You can do this by going into studio and right click the package and select delete.*
* D: Confirm or setup HS Package Mapping



Step 6: Access Gateway (HSACCESS) and Registry Gateway (HSREGISTRY) Setup

* A:If you have any version before v1.7 and have completed this step you can go to the next step and skip this step.
  + Confirm deletion of VA\* package and HS.Local.VA.SDA3.CodeTableDetail.AllergyExtension and HS.Local.SDA3.Test
  + If present delete.
* **To correct the compile error that happened in DEV, need to install and compile the following classes in the HSLIB namespace on both the Access and Edge Gateways: GenomicsOrderExtension.cls & GenomicsVariantExtension.cls (not sure if we will get an updated package with these classes already in them. If we don’t, load the 2 .cls files into Studio and then compile).**
* B: Load into HSCUSTOM namespace the SDA Mapping Extension v1.7 (using Reflections or Studio or Atelier)



**Load the v1.7 Streamlet classes that are missing from the v17 package. File name is Streamletsv1.7092018.xml**

* C: Compile in the following order in HSCUSTOM

*Caution: This list is different from HealthConnect*

* + HS.Local.VA.SDA3\*
  + HS.Local\*
  + HS.SDA3\*
  + If any of the above give errors work the errors first before continuing down the compile order listed above. Same error as other 2 environments.

**Post install steps added by Grace:**

**Step 7: post-install steps**

**You need to compile and then clear out the registry of all subscribed patients, otherwise you will get an error in the Healthshare Clinical Viewer Patient Search screen.**

1. In the HSREGISTRY namespace on the Access gateway, compile HS.Registry.Patient (can also do this in studio):

HSREGISTRY>**do $System.OBJ.Compile("HS.Registry.Patient")**

1. Clear the registry of everybody in the HSREGISTRY namespace on the Access Gateway:

HSREGISTRY>**do ##class(HS.Util.Installer.Hub).Reset()**

1. On the Edge gateway HS namespace:

HSELP>**do ##class(HS.Util.Installer.EdgeGateway).Reset()**

1. Switch to the HC namespace to clear out the current VistA SDA:

HSELP>**D ^%CD**

Namespace: **HC-ELP**

You're in namespace HC-ELP

Default directory is DAT3$:[ELP.ROU] on a system HC-HIED02-1972

HC-ELP>**Kill ^ISC.Subscription**

HC-ELP>**Kill ^XTMP**

**Bounce the Access and Edge gateways (HC goes down 1st, then Edge, then Access, bring them up in reverse order).**

- D: Allow all users back in to HC and HS, after completing the Access and Registry gateways, and can now send in new messages. **All test patients will need to be resubscribed.**