Connecting Consumers to HITS

# Pre-requisites

To be able to connect a SIF3 Framework Consumer to HITS, you must first have an account in HITS. An account can be requested from the following link: <http://hits.nsip.edu.au/dashboard/index.html>. Alternately you could contact NSIP to provide you with details on how to create an account.

The rest of this document assumes that you have an account (with an appropriate account URL) and have logged in.

# HITS Database

From the landing page, navigate to “Developer Tools > Databases” page via the left side navigation menu. If there are no databases listed, one will need to be created. Creating a new database takes a few minutes to complete as sample data is generated and the database is populated. Once the Status changes from “wip” to “complete”, the database is ready for use.

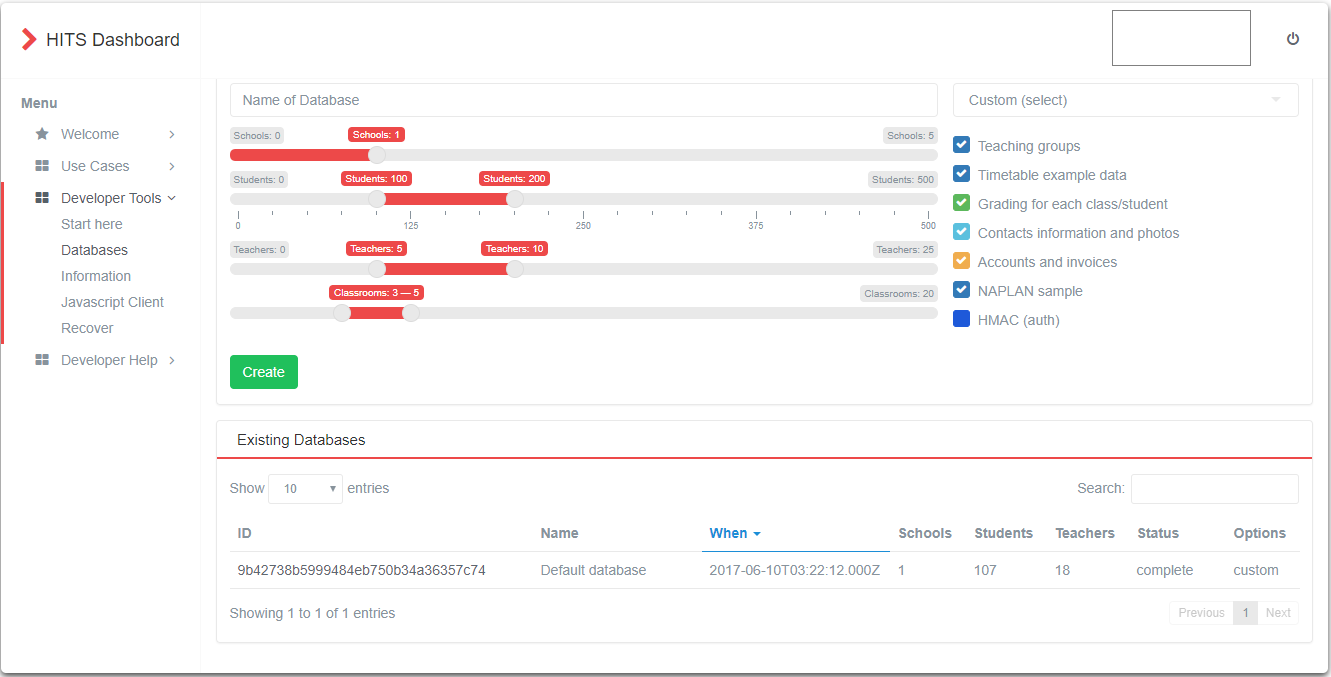


Figure 1: HITS databases page

Select one of the databases listed in the “Existing Databases” list to view the details page for that database (along with the SIF Environment information).

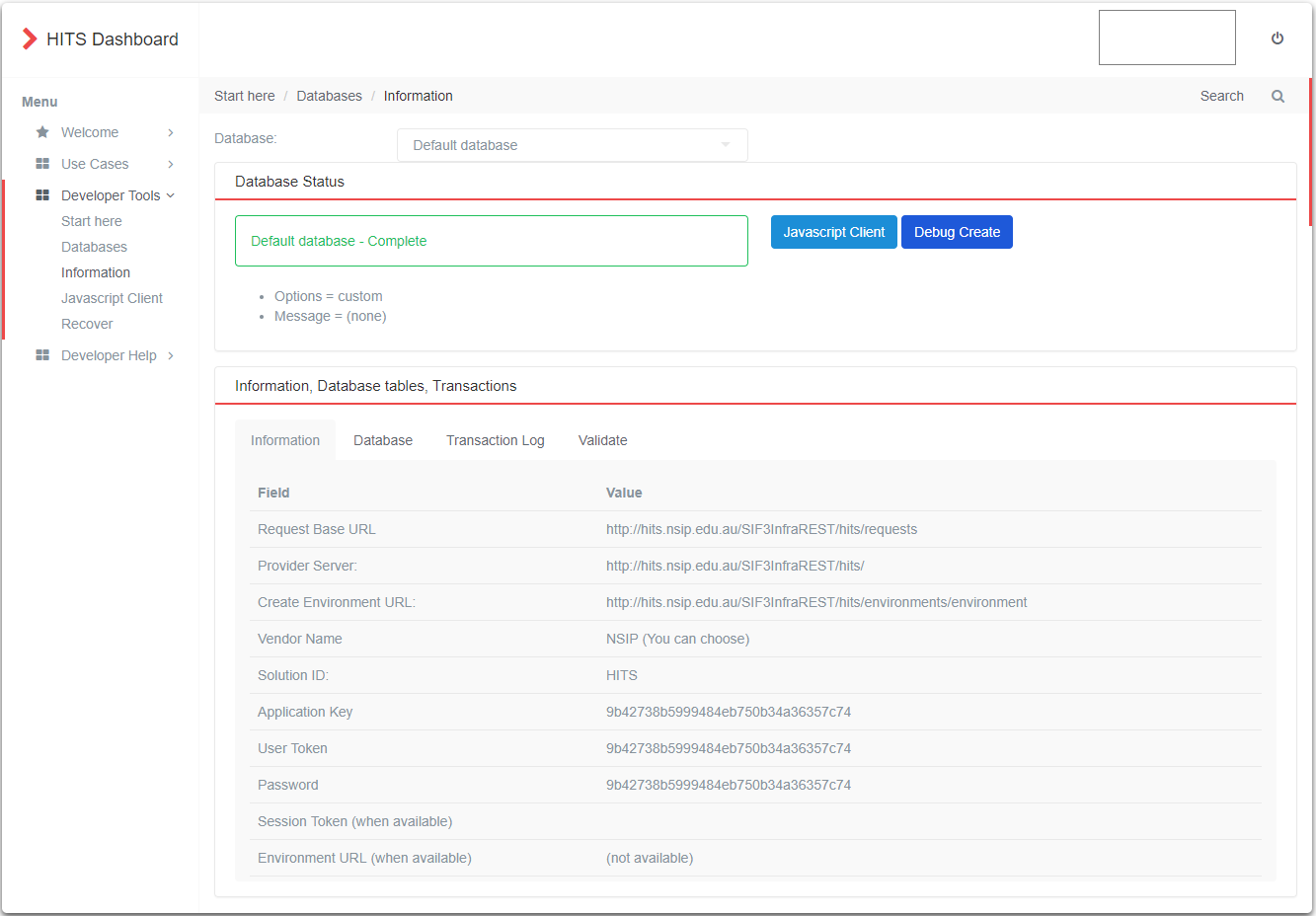


Figure 2: HITS database information page

# Configure SIF3 Framework

To configure the SIF3 Framework to connect to the HITS Environment, you need to update properties in the SifFramework.config file (associated with your Consumer) to match those displayed in the HITS Database Information page. The table below maps the HITS Database Information page properties with those of the SifFramework.config file.

|  |  |
| --- | --- |
| **HITS Dashboard** | **SifFramework.config** |
| Password | consumer.environment.sharedSecret |
| Create Environment URL | consumer.environment.url |
| Application Key | consumer.environment.template.applicationKey |
| Solution ID | consumer.environment.template.solutionId |
| User Token | consumer.environment.template.userToken |

If there are values provided for “Session Token” and “Environment URL” in the HITS Database Information page (2), then a SIF Environment has previously been created which you will need your Consumer to connect to. In this case, you need to add a <session> element as a child of the <sessions> element in the SifFramework.config file, and set the following additional properties from the HITS Database Information page.

|  |  |
| --- | --- |
| **HITS Dashboard** | <session> **Attributes** |
| Application Key | applicationKey |
| Environment URL | environmentUrl |
| Session Token | sessionToken |
| Solution ID | solutionId |
| User Token | userToken |

An example entry may look like this:

<sessions>

<session applicationKey="614bebe2-c529-4ef8-8a10-d04e18facc40" environmentUrl="http://hits.dev.nsip.edu.au/SIF3InfraREST/hits/environments/cbde5abb-bef7-4132-bc3a-58db4d023178" sessionToken="04fea921-a651-4fa6-98ba-8d7684835367" solutionId="HITS" userToken="6dd11373-95fd-44d0-84b5-f6a238d78a6a" />

</sessions>

After you have updated the SifFramework.config file, you should be able to start your Consumer.