

NHibernate Knowledge Sensor Pack

Overview

Name	NHibernate Knowledge Sensor Pack
Description	Provides standard rules for Developers to analyze the internals of NHibernate
Version	1.0
dynaTrace Diagnostics Version	2.6
Author	dynaTrace software
License	dynaTrace BSD
Support	Community
Download	https://www.dynatrace.com/community/download/attachments/5963948/nhTest.zip https://www.dynatrace.com/community/download/attachments/5963948/nhibernator.zip https://www.dynatrace.com/community/download/attachments/5963948/com.dynatrace.sensorpack.NHibernate.dtdcs https://www.dynatrace.com/community/download/attachments/5963948/NHibernate.dtds

Sensor Pack Information

The Download Package includes an NHibernate Knowledge Sensor Pack based upon the nhtest sample application. It includes the instrumentation of the custom .NET Form entry points and specific application ORM objects as well as the instrumentation of the appropriate NHibernate methods. The NHibernate Knowledge Sensor Pack and the nhtest sample application are included. A sample session from nhtest execution with the KSP placed and active is also included.

Installation

1. Save the attached dtcds file locally to the computer where the dynaTrace Diagnostics Client is installed.
2. In the dynaTrace Diagnostics Client, right-click on the Diagnostics Server and select 'Preferences...'
3. Click on "Sensor Packs"
4. Click on the "Import..." button.
5. Select "Custom Sensor Type (*.dtcds)" in the "Files of type" dropdown.
6. Navigate to the directory where you extracted the .dtcds files and click "Open"

You can confirm successful import by observing the NHibernate Sensor Pack in the Sensor Packs Panel. The Knowledge Sensor Pack is now *Placed* and *Active* within all System Profiles on this Diagnostics Server.

The configuration of the attached sample application uses the following connection string with SQLServer as the backend database engine ... You will need to modify it accordingly.

```
Data Source=.\SQLEXPRESS;AttachDbFilename="C:\Documents and Settings\Chuck Miller\My Documents\technology\nhibernate\nhibernator\NORTHWND.MDF";Integrated Security=True;Connect Timeout=30;User Instance=True.
```

Knowledge Sensor Pack Overview

The NHibernate KSP defines the following new API's:| * NHibernate Transaction

- NHibernate SqlCommand
- NHibernate Persister
- NHibernate Other
- NHibernate OrderFactory
- NHibernate Mapping
- NHibernate Loader
- NHibernate Impl
- NHibernate Driver
- NHibernate Dialect
- NHibernate CustomerFactory
- NHibernate Connection
- NHibernate Collection