DataStore User Guide

DRAFT

Submitted To: Program Manager
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INTRODUCTION

This document describes how to create a DataStore in GeoServer.

1   CREATE DATASTORES

The first step is to connect to GeoServer and log into your account. This tutorial assumes you have done that.

1.1 Step 1: Get to the DataStore page

When you have logged in, you will appear at the 'Welcome' page. To get to the DataStore page, click on the 'Config' button in the navigation area.

Figure 1: Welcome page

Next, click on the 'Data' button in the navigation area.

Figure 2: Configuration page

And last, click on the 'Stores' button in the navigation area.

Figure 3: Data configuration page

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1.2 Step 2: Create a new DataStore

To create a new DataStore, click on the 'New' button in the navigation area.
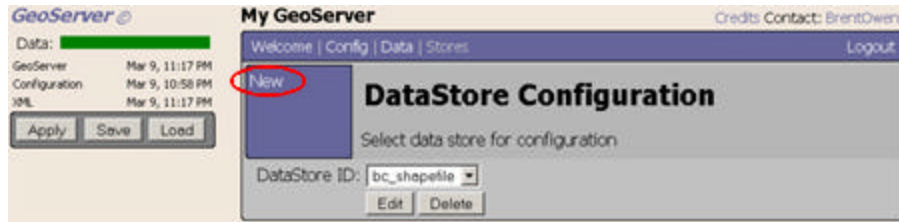

Figure 4: DataStore configuration page

This will take you to the DataStore creation page. Here you select what type of DataStore you want to use, from the drop down menu, and you provide a name for the DataStore, in the 'DataStore ID' text field.

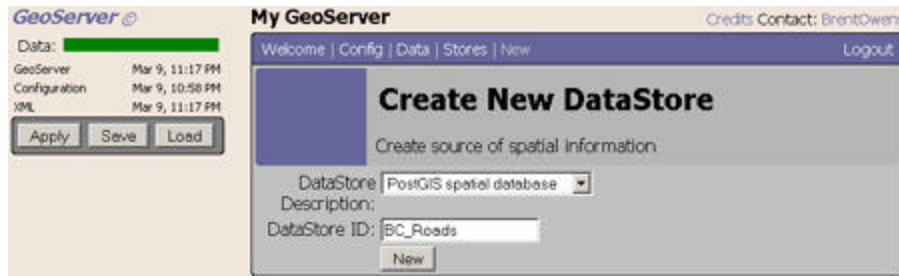Here we will select PostGIS as our DataStore.

Figure 5: Create new DataStore page

Next we hit the 'New' button to save the DataStore.

1.3 Step 3: DataStore setup

Inside the setup page is where you set up all the information needed to read from your chosen DataStore. Here we set up our connection information to a PostGIS database.

Figure 6: DataStore configuration

When you are finished with your DataStore setup, hit the 'Submit' button.

GeoServer will now try to read from the DataStore you specified. If it fails to read from it, you will get an error message similar to this one:
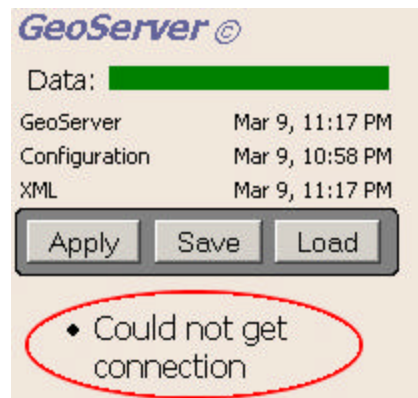

Figure 7: Setup error

Each error message will be specific to the type of error and the type of DataStore you are using.

If the DataStore succeeds, you will be taken back to the 'DataStore Configuration' page.

Now you can edit or delete the DataStores you have added.

1.4 Step 4: Apply settings

When you have set up your DataStores, you can apply the changes by hitting the 'Apply' button.
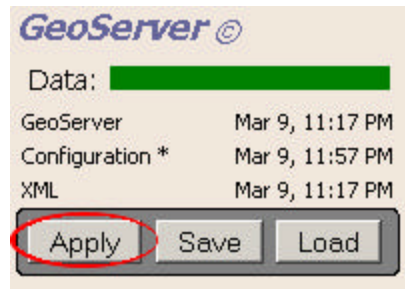

Figure 8: Apply button

1.5 Step 5: Save settings

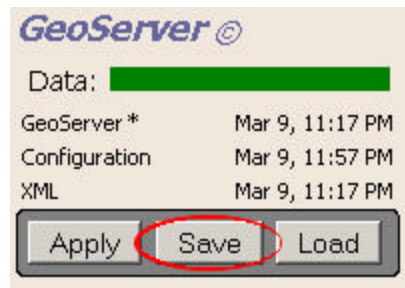When you are satisfied with your settings, you can hit the 'Save' button to save your settings.

Figure 9: Save button