



How to configure **SMART THESAURUS MUSIC** with your personal favorites?

A short tutorial

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The Music Directory

After having SMART THESAURUS MUSIC successfully installed, you should see the following structure in your installation directory (e.g. C:\programs\):



Please open the `\smart thesaurus \music` directory. Here you find, dependent of the version you have installed, a set of MP3 files, and, a single XML¹ file: **store.xml**.

This XML file is the main subject of this tutorial. We will show you, how to modify this file in a few steps without any knowledge of XML.

The XML File

Open the XML file, **store.xml**, with your preferred text editor². The content should look like the example given below:

```
<music>
  <recordset>
    <record label="first record" intro="a short let in to the first
      record" source="http://localhost:7080/music/firstrecord.mp3"/>
    <record label="second record" intro="a short let in to the second
      record" source="http://localhost:7080/music/secondrecord.mp3"/>
  </recordset>
</music>
```

The example music store consists of two audio tracks, each marked with a lightblue background. A single track information is opened with `<record` and closed with `/>`. This is a tribute to the XML language and should not bother you.

1 XML: Extensible Markup Language

2 Please use an ASCII Editor, e.g. WordPad.exe

Add an audio track

To add information of a certain audio track to the XML file, you have to do three things:

1. **Provide a label.** Your assigned label is presented to you by SMART THESAURUS MUSIC when playing the associated MP3 track.
2. **Provide a short description.** Your assigned (short) description is presented to you by SMART THESAURUS MUSIC, when you roll over the play button.
3. **Provide a file name.** The file name is the most essential part of the configuration and is a must to enjoy your audio track.

Now, step-by-step:

1. Provide a label

The example below shows you, how a third track³ is added to the XML file. The chosen label is **my record**:

```
<music>
  <recordset>

    <record label="first record" intro="a short let in to the first
      record" source="http://localhost:7080/music/firstrecord.mp3"/>

    <record label="second record" intro="a short let in to the second
      record" source="http://localhost:7080/music/secondrecord.mp3"/>

    <record label="my record" intro="" source=""/>

  </recordset>
</music>
```

³ The sequence of records in the XML file determines the sequence SMART THESAURUS MUSIC plays the tracks.

2. Provide a description

The example below shows you, how a third track ('my record') is provided with a short description:

```
<music>
  <recordset>

    <record label="first record" intro="a short let in to the first
      record" source="http://localhost:7080/music/firstrecord.mp3"/>

    <record label="second record" intro="a short let in to the second
      record" source="http://localhost:7080/music/secondrecord.mp3"/>

    <record label="my record" intro="a short let in to my record" source=""/>

  </recordset>
</music>
```

3. Provide a file name

Suppose you would like to add a MP3 file, **myfavorite.mp3**, to the XML file, please follow the example below:

```
<music>
  <recordset>

    <record label="first record" intro="a short let in to the first
      record" source="http://localhost:7080/music/firstrecord.mp3"/>

    <record label="second record" intro="a short let in to the second
      record" source="http://localhost:7080/music/secondrecord.mp3"/>

    <record label="my record" intro="a short let in to my record"
      source="http://localhost:7080/music/myfavorite.mp3"/>

  </recordset>
</music>
```

Important: Make sure that the source starts with **<http://localhost:7080/music/>**.

After these three steps, a third entry has been added to the XML file, representing an audio track, named 'myrecord' with a short introduction 'a short let in to my record', and an assigned MP3 file, 'myfavorite.mp3'.

Remove an audio track

Delete the associated record entry from the XML file. Below, the example store.xml is shown, after the first entry has been removed.

```
<music>
  <recordset>
    <record label="first record" intro="a short let in to the first
record" source="http://localhost:7080/music/firstrecord.mp3"/>
    <record label="second record" intro="a short letin into the second
      record" source="http://localhost:7080/music/secondrecord.mp3"/>
  </recordset>
</music>
```

The MP3 File

The previous chapters introduced the music store to you, and described how to add or remove an audio track. The according XML file is the interface between the genuine music records and the SMART THESAURUS MUSIC software program.

As a final step, you have to ensure, that a MP3 file, with the file name you assigned to it in the XML file, is located in the **\smart thesaurus \music** directory.

Important: Make sure, that your MP3 audio files are of the following sample rates:

11.025 khz, 22.5 khz, and 44.1 khz

and, encoded at no more than **160 kbps**.

To finally enjoy your audio track, please restart the application.

What happens in case of an incorrect configuration?

Nothing. But, also no music is presented to you. So, please check your configuration again:

- Correct source description in the XML file?
- Correct sample rate?
- Correct encoding?