Demonstration of Java Applet for Spectrograms

This applet takes a WAV file and displays it as a spectrogram.

The basic applet instruction is:

```
<APPLET CODE="appspect.class" WIDTH="500" HEIGHT="200">
<PARAM NAME="file" VALUE="six.wav">
</APPLET>
```

This produces:

Parameters

These parameters are also supported:

stime Set start time (s):

```
<PARAM NAME="stime" VALUE="0.5">
```

etime Set end time (s):

```
<PARAM NAME="etime" VALUE="1.5">
```

timescale Display time scale (y/n):

```
<PARAM NAME="timescale" VALUE="y">
```

freqscale Display frequency scale (y/n):

```
<PARAM NAME="freqscale" VALUE="y">
```

border Display border (y/n):

```
<PARAM NAME="border" VALUE="y">
```

For example:

```
<APPLET CODE="appspect.class" WIDTH="500" HEIGHT="200">
<PARAM NAME="file" VALUE="six.wav">
<PARAM NAME="stime" VALUE="0.34">
<PARAM NAME="etime" VALUE="0.40">
```

```
<PARAM NAME="border" VALUE="y">
</APPLET>
```

And:

```
<APPLET CODE="appspect.class" WIDTH="500" HEIGHT="200">
<PARAM NAME="file" VALUE="six.wav">
<PARAM NAME="etime" VALUE="1.0">
<PARAM NAME="timescale" VALUE="y">
<PARAM NAME="freqscale" VALUE="y">
</APPLET>
```

Limitations

The applet has a primitive WAV file reader that only understands simple 16-bit WAV files (as produced by SFS).

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