

sopaV3player.java version 1.0
User's manual

AIST

February 15, 2016

1 Preparation

SopaV3player is a Java program that simply reproduces a SOPA file. **It does not support SOPA version 1.**



Put the following files in the same directory.

- sopaV3player.class
- fft.class
- sopaOpen.class
- sopaRead.class
- Starter.class
- hrtf3d512.bin
- phase3d512.bin

The following source code files are also contained in sopaV3player.jar.

- sopaV3player.java
- fft.java
- sopaOpen.java
- sopaRead.java
- Starter.java

2 Usage

To run sopaV3player, enter

```
>java sopaV3player *****
```

and press Return, where '*****' is the URL or path to a SOPA file.

For example, you can play the SOPA file entitled 'cygne22k.sopa' by entering

```
>java sopaV3player https://unit.aist.go.jp/hiri/hi-infodesign/as_still/cygne22k.sopa
```

and pressing Enter.

If the SOPA file is in the local directory, it can be played by entering

```
>java sopaV3player c:/directory_name/file_name.sopa
```

and pressing Enter.

When the SOPA data are appropriately loaded, the following message appears.

```
>Ready to go
```

```
>Start reproduction? (Y or N)
```

Enter 'y' to start reproduction.

Copyright (c) 2016, AIST

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the “Software”), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED “AS IS”, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

ashihara-k@aist.go.jp
Copyright©2016, AIST