CLAIMS

1. A method comprising:

- generating haptic data comprising information representative of:

a type of effect,

a library of haptic effects, wherein a haptic effect is identified by a reference and comprises information representative of values of a signal to be applied to render the haptic effect, and

a list of haptic tracks, wherein a haptic track comprises a timeline, the timeline comprising a list of references of haptic effects of the library of haptic effects, and wherein a temporal reference is associated to a reference.

2. The method of claim 1 wherein signals are grouped according to a set of frequency bands.

3. The method of claim 1 wherein timelines are grouped according to a set of frequency bands.

4. A method for rendering haptic data comprising:

- obtaining haptic data comprising information representative of:

a type of effect,

a library of haptic effects, wherein a haptic effect is identified by a reference and comprises information representative of values of a signal to be applied to render the haptic effect,

a list of haptic tracks, wherein a haptic track comprises a timeline, the timeline comprising a list of references of haptic effects of the library of haptic effects, and wherein a temporal reference is associated to a reference, and

- providing values of the signal to haptic actuators.

5. The method of claim 4 wherein signals are grouped according to a set of frequency bands.

6. The method of claim 4 wherein timelines are grouped according to a set of frequency bands.

7. A haptic rendering device comprising a processor configured to:

- obtain haptic data comprising information representative of:

a type of effect,

a library of haptic effects, wherein a haptic effect is identified by a reference and comprises information representative of values of a signal to be applied to render the haptic effect,

a list of haptic tracks, wherein a haptic track comprises a timeline, the timeline comprising a list of references of haptic effects of the library of haptic effects, and wherein a temporal reference is associated to a reference, and

- provide values of the signal to haptic actuators.

8. A haptic data comprising information representative of:

a type of effect,

a library of haptic effects, wherein a haptic effect is identified by a reference and comprises information representative of values of a signal to be applied to render the haptic effect,

a list of haptic tracks, wherein a haptic track comprises a timeline, the timeline comprising a list of references of haptic effects of the library of haptic effects, and wherein a temporal reference is associated to a reference.

9. A non-transitory computer readable medium storing haptic data comprising information representative of:

a type of effect,

a library of haptic effects, wherein a haptic effect is identified by a reference and comprises information representative of values of a signal to be applied to render the haptic effect,

a list of haptic tracks, wherein a haptic track comprises a timeline, the timeline comprising a list of references of haptic effects of the library of haptic effects, and wherein a temporal reference is associated to a reference.

10. The non-transitory computer readable medium of claim 9 wherein signals are grouped according to a set of frequency bands.

11. The non-transitory computer readable medium of claim 9 wherein timelines are grouped according to a set of frequency bands.

12. A computer program comprising program code instructions for implementing the method according to any of claims 1 to 6 when executed by a processor.

13. A non-transitory computer readable medium comprising program code instructions for implementing the method according to any of claims 1 to 6 when executed by a processor.