FearCond

A Whisker client

by Rudolf Cardinal

www.whiskercontrol.com

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FearCond

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Printed: December 2020 in Cambridge, UK

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Foreword

WARNING

Whisker is a system designed for research purposes only, and should never be used to control medical apparatus or other devices that could endanger human life.

DISCLAIMER

The authors, copyright holders, and distributors disclaim all responsibility for any adverse effects that may occur as a result of a user disregarding the above warning.

1 FearCond

1.1 About FearCond

Purpose

Fear conditioning (shock US).

Software requirements

Requires Whisker v2.0 or greater.

Data storage

Text-based output to disk.

Author

Rudolf Cardinal (<u>rudolf@pobox.com</u>).

Copyright

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1.2 Required devices

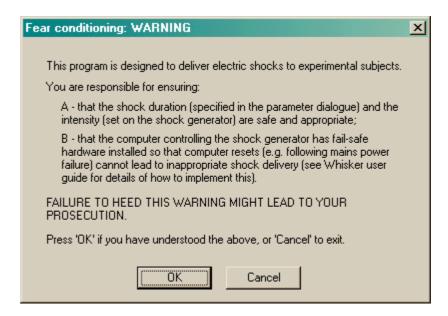
The program requires to claim devices in groups named **box0**, **box1**, **box2**... with device names as follows:

```
CSLIGHT // output
HOUSELIGHT // output
CLICKER // output
TONE // output
SHOCK // dangerous output
```

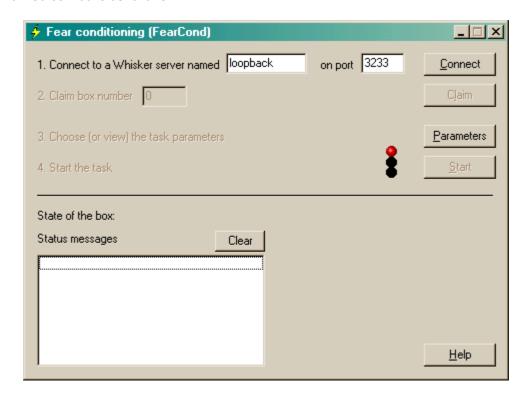
Please ensure that these devices are available and listed in the device definition file in use by the server.

1.3 Using the task

When you run the task, you will see the following warning. Read and acknowledge it:



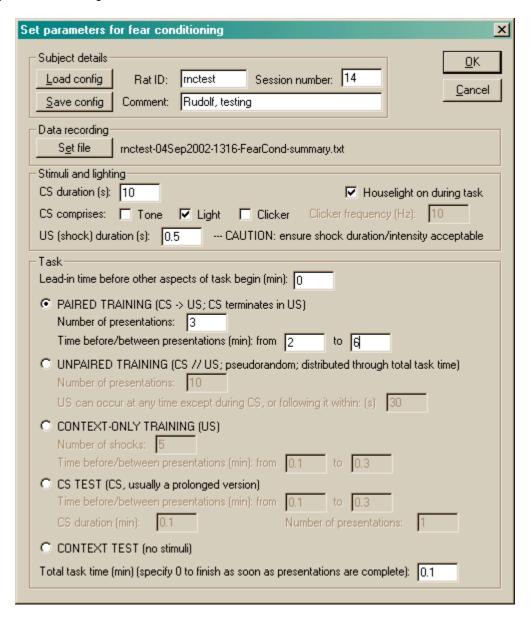
The main screen looks as follows:



You must connect to a Whisker server, claim an operant chamber (box), and set up the <u>parameters</u> for your task. Once that's done, the traffic lights will turn amber. When you are ready, press *Start* to begin the task.

1.4 Parameters

The parameters dialogue box looks like this:



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