

simon

speech model basically consists of two parts:

- Language model: Describes all existing words and what sentences are grammatically correct
- Acoustic model: Describes how words sound

install

```
sudo apt install simon
```

```
sudo apt install libsphinxbase3 python-sphinxbase sphinxbase-utils  
pocketsphinx
```

edit

[/usr/lib/sphinxtrain/etc/sphinx_train.cfg](#)

```
$CFG_CD_TRAIN = 'no';
```

model

For small amount of data for training without context-dependent models use continuous model instead of semi-continuous one and this error will be solved.

This warning is caused by the fact you disabled context-dependent training and used semi-continuous model. You can ignore this error until you have more data and use context-dependent training.

training

```
mkdir /tmp/test  
cd /tmp/test  
  
sphinxtrain -t test setup
```

now we have

```
.  
├── etc  
│   ├── feat.params  
│   ├── sphinx_train.cfg  
│   ├── test.dic  
│   └── test.filler
```

adjust sphinx_train.cfg TODO

From:

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<https://wiki.csgalileo.org/tips/speech/simon?rev=1488789371>

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