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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

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