

Práctica 4. Reconocimiento de voz usando pocketsphinx.

Primero se agregó el usuario al grupo audio y se ejecutó el comando rosrun bring up pocketsphinx test.launch y después de ver las frases que reconoce, se probó el reconocimiento de voz.

```
/home/pits/MobileRobots-2020-2-for-Covid19/catkin_ws/src/bring_up/launch/pocketsphinx... ◻ ✎ ✖

Archivo Editar Ver Buscar Terminal Ayuda
4.92 -12.02 -12.95 -17.37 1.62 10.53 >
INFO: cmn_live.c(138): Update to < 50.32 10.83 -1.00 -8.42 -11.99 -2.56 13.83
5.12 -11.97 -12.93 -16.84 2.60 11.64 >
INFO: fsg_search.c(859): 92 frames, 2433 HMMs (26/fr), 6689 senones (72/fr), 560
history entries (6/fr)

INFO: fsg_search.c(869): fsg 0.14 CPU 0.152 xRT
INFO: fsg_search.c(871): fsg 1.16 wall 1.246 xRT
[INFO] [1587634592.905194]: OUTPUT: "MOVE RIGHT"
INFO: cmn_live.c(88): Update from < 50.32 10.83 -1.00 -8.42 -11.99 -2.56 13.83
5.12 -11.97 -12.93 -16.84 2.60 11.64 >
INFO: cmn_live.c(105): Update to < 50.69 10.97 -1.35 -8.74 -11.94 -2.54 12.89
5.22 -12.36 -12.54 -16.55 2.44 11.86 >
INFO: cmn_live.c(120): Update from < 50.69 10.97 -1.35 -8.74 -11.94 -2.54 12.89
5.22 -12.36 -12.54 -16.55 2.44 11.86 >
INFO: cmn_live.c(138): Update to < 54.30 8.70 -3.95 -11.21 -13.54 -1.85 10.50
7.89 -11.81 -10.96 -15.05 1.94 11.02 >
INFO: fsg_search.c(859): 258 frames, 2267 HMMs (8/fr), 7585 senones (29/fr), 998
history entries (3/fr)

INFO: fsg_search.c(869): fsg 1.36 CPU 0.525 xRT
INFO: fsg_search.c(871): fsg 49.07 wall 18.946 xRT
[INFO] [1587634641.977339]: OUTPUT: "MOVE BACK HALF SPEED"
```

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/home/pits/MobileRobots-2020-2-for-Covid19/catkin_ws/src/bring_up/launch/pocketsphinx... ◻ ✎ ✖

Archivo Editar Ver Buscar Terminal Ayuda
7.89 -11.81 -10.96 -15.05 1.94 11.02 >
INFO: cmn_live.c(105): Update to < 54.69 7.13 -4.53 -11.94 -13.63 -1.59 10.80
8.65 -11.68 -11.08 -14.37 1.81 11.04 >
INFO: cmn_live.c(120): Update from < 54.69 7.13 -4.53 -11.94 -13.63 -1.59 10.80
8.65 -11.68 -11.08 -14.37 1.81 11.04 >
INFO: cmn_live.c(138): Update to < 54.52 7.03 -4.56 -12.04 -13.70 -1.60 11.09
8.77 -11.49 -11.11 -14.49 1.85 11.12 >
INFO: fsg_search.c(859): 80 frames, 2695 HMMs (33/fr), 6929 senones (86/fr), 108
1 history entries (13/fr)

INFO: fsg_search.c(869): fsg 0.18 CPU 0.221 xRT
INFO: fsg_search.c(871): fsg 3.89 wall 4.797 xRT
[INFO] [1587634645.866211]: OUTPUT: "MOVE BACK"
INFO: cmn_live.c(120): Update from < 54.52 7.03 -4.56 -12.04 -13.70 -1.60 11.09
8.77 -11.49 -11.11 -14.49 1.85 11.12 >
INFO: cmn_live.c(138): Update to < 56.47 7.62 -5.34 -13.76 -16.07 -0.78 8.42
9.80 -12.06 -9.37 -12.40 1.29 10.08 >
INFO: fsg_search.c(859): 232 frames, 2853 HMMs (12/fr), 8602 senones (37/fr), 11
39 history entries (4/fr)

INFO: fsg_search.c(869): fsg 0.63 CPU 0.270 xRT
INFO: fsg_search.c(871): fsg 19.96 wall 8.568 xRT
[INFO] [1587634665.832526]: OUTPUT: "MOVE LEFT FULL SPEED"
```

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/home/pits/MobileRobots-2020-2-for-Covid19/catkin_ws/src/bring_up/launch/pocketsphinx... ◻ ×
```

Archivo Editar Ver Buscar Terminal Ayuda

10.05 -11.21 -9.36 -12.24 0.92 10.01 >

INFO: cmn_live.c(138): Update to < 56.35 6.12 -6.34 -13.57 -15.39 -1.58 8.39
9.41 -11.00 -9.80 -12.33 0.73 10.41 >

INFO: fsg_search.c(859): 70 frames, 2171 HMMs (31/fr), 5743 senones (82/fr), 743 history entries (10/fr)

INFO: fsg_search.c(869): fsg 0.56 CPU 0.790 xRT

INFO: fsg_search.c(871): fsg 24.20 wall 34.089 xRT

[INFO] [1587634693.736715]: OUTPUT: "MOVE LEFT"

INFO: cmn_live.c(88): Update from < 56.35 6.12 -6.34 -13.57 -15.39 -1.58 8.39
9.41 -11.00 -9.80 -12.33 0.73 10.41 >

INFO: cmn_live.c(105): Update to < 58.55 6.71 -7.25 -15.07 -17.53 -1.43 5.18
9.78 -12.44 -9.72 -10.78 1.18 10.23 >

INFO: cmn_live.c(120): Update from < 58.55 6.71 -7.25 -15.07 -17.53 -1.43 5.18
9.78 -12.44 -9.72 -10.78 1.18 10.23 >

INFO: cmn_live.c(138): Update to < 58.38 6.77 -7.30 -14.70 -17.52 -1.50 5.30
9.56 -12.32 -9.83 -10.82 1.24 10.42 >

INFO: fsg_search.c(859): 215 frames, 3694 HMMs (17/fr), 10795 senones (50/fr), 1 275 history entries (5/fr)

INFO: fsg_search.c(869): fsg 0.71 CPU 0.327 xRT

INFO: fsg_search.c(871): fsg 23.33 wall 10.802 xRT

[INFO] [1587634717.072829]: OUTPUT: "MOVE FORWARD FULL SPEED"

pocketsphinx text.launch

Después se pide modificar pocketsphinx test.launch para modificar los parámetros gram, dict, grammar y rule, donde:

- gram. El parámetro gram sirve para saber a que archivo .fsg se va a referir.
- dict. El parámetro dict sirve para abrir el archivo que contiene la pronunciación de las palabras que se van a reconocer por el comando de voz.
- grammar. El parámetro gram sirve para establecer la gramática que podrá reconocer la manera en que se combinan para formar oraciones el comando de voz de acuerdo al archivo .gram
- rule. El parámetro rule es para leer la etiqueta en el archivo .gram

Y después relanzó el archivo pocketsphinx test.launch para verificar el reconocimiento de voz con los parámetros modificados.

```
ome/pits/MobileRobots-2020-2-for-Covid19/catkin_ws/src/bring_up/launch/pocketsphinx... ⓘ ⓘ
hivo Editar Ver Buscar Terminal Ayuda
8 -7.54 -7.83 -10.98 -2.40 9.29 >
0: cmn_live.c(105): Update to < 72.90 7.61 -3.05 -8.51 -13.54 0.41 10.7
32 -7.19 -7.11 -11.15 -1.17 9.93 >
0: cmn_live.c(120): Update from < 72.90 7.61 -3.05 -8.51 -13.54 0.41 10.7
32 -7.19 -7.11 -11.15 -1.17 9.93 >
0: cmn_live.c(138): Update to < 72.25 7.89 -3.56 -8.87 -14.02 0.55 11.4
45 -7.39 -6.93 -11.38 -0.72 10.30 >
0: fsg_search.c(859): 441 frames, 41825 HMMs (94/fr), 77692 senones (176/fr)
12 history entries (13/fr)

0: fsg_search.c(869): fsg 0.89 CPU 0.201 xRT
0: fsg_search.c(871): fsg 7.91 wall 1.790 xRT
FO] [1587689354.327384]: OUTPUT: "I WANT A COOKIES AND M AND M"
0: cmn_live.c(120): Update from < 72.25 7.89 -3.56 -8.87 -14.02 0.55 11.4
45 -7.39 -6.93 -11.38 -0.72 10.30 >
0: cmn_live.c(138): Update to < 72.70 7.67 -3.66 -8.05 -12.33 -0.54 10.9
99 -7.98 -5.89 -12.07 -0.78 10.31 >
0: fsg_search.c(859): 201 frames, 13148 HMMs (65/fr), 31662 senones (157/fr)
88 history entries (9/fr)

0: fsg_search.c(869): fsg 0.39 CPU 0.193 xRT
0: fsg_search.c(871): fsg 3.46 wall 1.711 xRT
FO] [1587689357.787236]: OUTPUT: "I WANT A TUNA FISH AND NOODLES"
```

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ome/pits/MobileRobots-2020-2-for-Covid19/catkin_ws/src/bring_up/launch/pocketsphinx... ⓘ ⓘ
hivo Editar Ver Buscar Terminal Ayuda
0: cmn_live.c(105): Update to < 87.19 -2.55 -20.98 -23.83 -23.77 -6.31 6
5.90 -8.89 -2.52 3.44 7.33 8.35 >
0: cmn_live.c(120): Update from < 87.19 -2.55 -20.98 -23.83 -23.77 -6.31 6
5.90 -8.89 -2.52 3.44 7.33 8.35 >
0: cmn_live.c(138): Update to < 87.72 -2.67 -22.20 -23.56 -24.10 -7.42 1
6.92 -8.50 -2.92 3.30 6.81 7.34 >
0: fsg_search.c(859): 110 frames, 2624 HMMs (23/fr), 6391 senones (58/fr),
istory entries (5/fr)

0: fsg_search.c(869): fsg 0.17 CPU 0.156 xRT
0: fsg_search.c(871): fsg 5.51 wall 4.962 xRT
OR: "fsg_search.c", line 940: Final result does not match the grammar in fr
10
0: cmn_live.c(120): Update from < 87.72 -2.67 -22.20 -23.56 -24.10 -7.42 1
6.92 -8.50 -2.92 3.30 6.81 7.34 >
0: cmn_live.c(138): Update to < 87.90 -2.88 -21.53 -23.18 -24.25 -8.43 6
7.40 -7.25 -2.85 3.18 7.07 7.59 >
0: fsg_search.c(859): 120 frames, 5887 HMMs (49/fr), 13290 senones (110/fr)
8 history entries (9/fr)

0: fsg_search.c(869): fsg 0.21 CPU 0.172 xRT
0: fsg_search.c(871): fsg 6.01 wall 4.971 xRT
FO] [1587690133.669310]: OUTPUT: "JUSTINA YES"
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/home/pits/MobileRobots-2020-2-for-Covid19/catkin_ws/src/bring_up/launch/pocketsphinx... ◻ ◻ ◻

Archivo Editar Ver Buscar Terminal Ayuda
13.33 -9.66 -7.94 -11.02 3.74 11.63 >
INFO: cmn_live.c(105): Update to < 41.98 8.52 -13.74 -16.27 -23.02 1.94 12.2
7 13.06 -10.86 -8.13 -11.16 4.35 12.29 >
INFO: cmn_live.c(120): Update from < 41.98 8.52 -13.74 -16.27 -23.02 1.94 12.2
7 13.06 -10.86 -8.13 -11.16 4.35 12.29 >
INFO: cmn_live.c(138): Update to < 40.93 8.50 -13.07 -14.48 -22.52 2.44 13.7
0 13.94 -10.86 -8.51 -11.91 4.76 12.68 >
INFO: fsg_search.c(859): 212 frames, 11258 HMMs (53/fr), 29050 senones (137/fr),
1500 history entries (7/fr)

INFO: fsg_search.c(869): fsg 0.62 CPU 0.293 xRT
INFO: fsg_search.c(871): fsg 16.84 wall 7.905 xRT
[INFO] [1587688074.311971]: OUTPUT: "I WANT A TEA"
INFO: cmn_live.c(120): Update from < 40.93 8.50 -13.07 -14.48 -22.52 2.44 13.7
0 13.94 -10.86 -8.51 -11.91 4.76 12.68 >
INFO: cmn_live.c(138): Update to < 41.03 9.15 -14.48 -14.82 -22.30 1.16 11.8
1 12.63 -11.97 -8.81 -11.99 4.75 12.58 >
INFO: fsg_search.c(859): 144 frames, 3931 HMMs (27/fr), 10314 senones (71/fr),
9 14 history entries (6/fr)

INFO: fsg_search.c(869): fsg 0.66 CPU 0.459 xRT
INFO: fsg_search.c(871): fsg 23.63 wall 16.298 xRT
[INFO] [1587688097.946963]: OUTPUT: "I WANT A BEER"
```

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/home/pits/MobileRobots-2020-2-for-Covid19/catkin_ws/src/bring_up/launch/pocketsphinx... ◻ ◻ ◻

Archivo Editar Ver Buscar Terminal Ayuda
53 -8.57 -4.53 -9.01 4.55 8.89 >
0: cmn_live.c(105): Update to < 79.82 2.85 -8.35 -15.94 -17.64 -3.68 6.
.24 -9.71 -4.50 -9.08 5.15 8.91 >
0: cmn_live.c(120): Update from < 79.82 2.85 -8.35 -15.94 -17.64 -3.68 6.
.24 -9.71 -4.50 -9.08 5.15 8.91 >
0: cmn_live.c(138): Update to < 78.91 3.15 -8.01 -16.16 -17.66 -3.47 7.
.72 -9.52 -4.27 -9.41 4.80 9.23 >
0: fsg_search.c(859): 164 frames, 13768 HMMs (83/fr), 30253 senones (184/fr),
76 history entries (18/fr)

0: fsg_search.c(869): fsg 0.34 CPU 0.206 xRT
0: fsg_search.c(871): fsg 3.13 wall 1.899 xRT
[INFO] [1587689747.855998]: OUTPUT: "I WANT A COKE"
0: cmn_live.c(120): Update from < 78.91 3.15 -8.01 -16.16 -17.66 -3.47 7.
.72 -9.52 -4.27 -9.41 4.80 9.23 >
0: cmn_live.c(138): Update to < 79.67 3.06 -8.86 -17.22 -18.48 -3.75 7.
.70 -10.94 -4.37 -9.51 5.36 9.53 >
0: fsg_search.c(859): 164 frames, 15522 HMMs (94/fr), 32929 senones (200/fr),
96 history entries (21/fr)

0: fsg_search.c(869): fsg 0.32 CPU 0.197 xRT
0: fsg_search.c(871): fsg 3.04 wall 1.841 xRT
[INFO] [1587689750.898587]: OUTPUT: "I WANT A COKE"
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/home/pits/MobileRobots-2020-2-for-Covid19/catkin_ws/src/bring_up/launch/pocketsphinx... ⓘ
Archivo Editar Ver Buscar Terminal Ayuda
28 -6.59 -6.06 -11.85 -1.27 8.92 >
0: cmn_live.c(138): Update to < 71.00 7.09 -2.36 -7.97 -12.86 4.62 14.62
30 -7.06 -6.54 -11.93 -0.68 9.31 >
0: fsg_search.c(859): 357 frames, 36640 HMMs (102/fr), 67128 senones (188/fr)
245 history entries (17/fr)

0: fsg_search.c(869): fsg 0.70 CPU 0.195 xRT
0: fsg_search.c(871): fsg 5.91 wall 1.652 xRT
FO] [1587689197.845839]: OUTPUT: "I WANT A COKE"
0: cmn_live.c(88): Update from < 71.00 7.09 -2.36 -7.97 -12.86 4.62 14.62
0 -7.06 -6.54 -11.93 -0.68 9.31 >
0: cmn_live.c(105): Update to < 70.68 10.57 -1.51 -6.30 -11.82 4.25 15.5
98 -9.05 -7.05 -13.04 -1.73 9.18 >
0: cmn_live.c(120): Update from < 70.68 10.57 -1.51 -6.30 -11.82 4.25 15.5
98 -9.05 -7.05 -13.04 -1.73 9.18 >
0: cmn_live.c(138): Update to < 70.20 10.67 -1.65 -6.68 -12.38 4.13 16.1
12 -9.35 -7.50 -13.46 -1.43 9.40 >
0: fsg_search.c(859): 243 frames, 22959 HMMs (94/fr), 46283 senones (190/fr)
04 history entries (15/fr)

0: fsg_search.c(869): fsg 0.54 CPU 0.222 xRT
0: fsg_search.c(871): fsg 6.44 wall 2.640 xRT
FO] [1587689204.290095]: OUTPUT: "I WANT A M AND M AND NOODLES"

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eren /home/pits/MobileRobots-2020-2-for-Covid19/catkin_ws/src/bring_up/launch/pocketsphinx... ⓘ
Archivo Editar Ver Buscar Terminal Ayuda
INFO: cmn_live.c(138): Update to < 69.54 4.12 -4.62 -9.07 -14.15 3.35 19.29
16.54 -7.41 -15.00 -12.60 0.96 11.61 >
INFO: fsg_search.c(859): 68 frames, 2867 HMMs (42/fr), 6449 senones (94/fr), 605
history entries (8/fr)

UE INFO: fsg_search.c(869): fsg 0.38 CPU 0.553 xRT
INFO: fsg_search.c(871): fsg 13.27 wall 19.234 xRT
ERROR: "fsg_search.c", line 940: Final result does not match the grammar in fram
e 68
INFO: cmn_live.c(88): Update from < 69.54 4.12 -4.62 -9.07 -14.15 3.35 19.29 1
6.54 -7.41 -15.00 -12.60 0.96 11.61 >
INFO: cmn_live.c(105): Update to < 71.25 3.70 -4.65 -8.94 -13.79 4.11 16.66
15.94 -4.55 -12.44 -10.07 1.52 10.70 >
INFO: cmn_live.c(120): Update from < 71.25 3.70 -4.65 -8.94 -13.79 4.11 16.66
15.94 -4.55 -12.44 -10.07 1.52 10.70 >
INFO: cmn_live.c(138): Update to < 70.38 2.92 -4.44 -10.20 -14.70 4.68 17.04
15.58 -3.59 -10.53 -9.31 1.14 10.69 >
INFO: fsg_search.c(859): 462 frames, 39642 HMMs (85/fr), 83410 senones (180/fr),
5696 history entries (12/fr)

INFO: fsg_search.c(869): fsg 0.84 CPU 0.181 xRT
INFO: fsg_search.c(871): fsg 6.38 wall 1.377 xRT
web [INFO] [1587688935.953431]: OUTPUT: "I WANT A COOKIES AND CHIPS"

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eren /home/pits/MobileRobots-2020-2-for-Covid19/catkin_ws/src/bring_up/launch/pocketsphinx...
Archivo Editar Ver Buscar Terminal Ayuda
12.65 -8.94 -9.91 -8.50 4.25 10.48 >
INFO: cmn_live.c(105): Update to < 42.17 6.64 -13.77 -15.80 -21.71 -0.26 8.4
8 11.95 -10.14 -8.27 -8.36 4.98 11.22 >
INFO: cmn_live.c(120): Update from < 42.17 6.64 -13.77 -15.80 -21.71 -0.26 8.4
8 11.95 -10.14 -8.27 -8.36 4.98 11.22 >
INFO: cmn_live.c(138): Update to < 41.55 6.64 -13.94 -15.14 -21.84 -0.10 9.0
9 12.46 -10.22 -8.45 -8.67 5.15 11.60 >
INFO: fsg_search.c(859): 305 frames, 2459 HMMs (8/fr), 8172 senones (26/fr), 753
history entries (2/fr)

INFO: fsg_search.c(869): fsg 1.03 CPU 0.335 xRT
INFO: fsg_search.c(871): fsg 35.03 wall 11.447 xRT
[INFO] [1587688185.248583]: OUTPUT: "JUSTINA NO"
INFO: cmn_live.c(120): Update from < 41.55 6.64 -13.94 -15.14 -21.84 -0.10 9.0
9 12.46 -10.22 -8.45 -8.67 5.15 11.60 >
INFO: cmn_live.c(138): Update to < 41.30 8.32 -14.27 -17.41 -21.29 -0.03 9.0
2 11.74 -10.23 -8.00 -9.23 5.46 11.87 >
INFO: fsg_search.c(859): 256 frames, 3981 HMMs (15/fr), 10172 senones (39/fr), 1
087 history entries (4/fr)

web INFO: fsg_search.c(869): fsg 0.47 CPU 0.183 xRT
INFO: fsg_search.c(871): fsg 11.88 wall 4.624 xRT
[INFO] [1587688197.134104]: OUTPUT: "I WANT A WATER"

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ome/pits/MobileRobots-2020-2-for-Covid19/catkin_ws/src/bring_up/launch/pocketsphinx...
Archivo Editar Ver Buscar Terminal Ayuda
0: cmn_live.c(138): Update to < 75.34 2.69 -12.35 -18.72 -22.00 -0.28 14
2.00 -8.99 -8.27 -12.93 5.61 11.15 >
0: fsg_search.c(859): 164 frames, 6493 HMMs (39/fr), 16258 senones (99/fr),
history entries (5/fr)

0: fsg_search.c(869): fsg 0.31 CPU 0.189 xRT
0: fsg_search.c(871): fsg 3.22 wall 1.951 xRT
OR: "fsg_search.c", line 940: Final result does not match the grammar in fr
64
0: cmn_live.c(88): Update from < 75.34 2.69 -12.35 -18.72 -22.00 -0.28 14.
.00 -8.99 -8.27 -12.93 5.61 11.15 >
0: cmn_live.c(105): Update to < 75.64 2.23 -12.61 -19.05 -22.33 0.39 15
1.77 -8.93 -8.16 -14.15 6.17 10.66 >
0: cmn_live.c(120): Update from < 75.64 2.23 -12.61 -19.05 -22.33 0.39 15
1.77 -8.93 -8.16 -14.15 6.17 10.66 >
0: cmn_live.c(138): Update to < 75.97 1.97 -12.47 -19.69 -22.91 0.13 15
1.68 -9.92 -8.91 -14.60 5.90 10.91 >
0: fsg_search.c(859): 298 frames, 19826 HMMs (66/fr), 47044 senones (157/fr)
49 history entries (10/fr)

0: fsg_search.c(869): fsg 0.51 CPU 0.169 xRT
0: fsg_search.c(871): fsg 3.42 wall 1.143 xRT
FO] [1587689098.474738]: OUTPUT: "I WANT A PICKLES AND PASTA"

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/home/pits/MobileRobots-2020-2-for-Covid19/catkin_ws/src/bring_up/launch/pocketsphinx... ◻ ◇ ×

Archivo Editar Ver Buscar Terminal Ayuda
18.23 -13.57 -17.67 -17.50 2.67 14.69 >
INFO: cmn_live.c(138): Update to < 66.57 11.86 -3.92 -5.56 -13.73 3.01 25.07
18.44 -13.48 -18.26 -18.25 2.00 14.08 >
INFO: fsg_search.c(859): 169 frames, 14617 HMMs (86/fr), 27260 senones (161/fr),
2389 history entries (14/fr)

INFO: fsg_search.c(869): fsg 0.33 CPU 0.197 xRT
INFO: fsg_search.c(871): fsg 3.45 wall 2.031 xRT
[INFO] [1587688899.483007]: OUTPUT: "I WANT A TEA"
INFO: cmn_live.c(88): Update from < 66.57 11.86 -3.92 -5.56 -13.73 3.01 25.07 1
8.44 -13.48 -18.26 -18.25 2.00 14.08 >
INFO: cmn_live.c(105): Update to < 67.07 11.86 -3.33 -5.05 -12.84 2.62 24.26
18.90 -13.19 -18.25 -17.00 1.37 14.55 >
INFO: cmn_live.c(120): Update from < 67.07 11.86 -3.33 -5.05 -12.84 2.62 24.26
18.90 -13.19 -18.25 -17.00 1.37 14.55 >
INFO: cmn_live.c(138): Update to < 67.00 11.83 -3.35 -5.11 -12.92 2.64 24.31
18.90 -13.18 -18.25 -16.99 1.41 14.57 >
INFO: fsg_search.c(859): 216 frames, 22002 HMMs (101/fr), 42669 senones (197/fr),
3242 history entries (15/fr)

INFO: fsg_search.c(869): fsg 0.47 CPU 0.215 xRT
INFO: fsg_search.c(871): fsg 5.19 wall 2.390 xRT
[INFO] [1587688904.672121]: OUTPUT: "I WANT A TUNA FISH AND CHIPS"
```

```
/home/pits/MobileRobots-2020-2-for-Covid19/catkin_ws/src/bring_up/launch/pocketsphinx... ◻ ◇ ×

Archivo Editar Ver Buscar Terminal Ayuda
0: cmn_live.c(105): Update to < 74.63 8.57 -5.49 -3.24 -16.23 3.73 16.5
59 -9.05 -10.81 -13.32 0.42 9.77 >
0: cmn_live.c(120): Update from < 74.63 8.57 -5.49 -3.24 -16.23 3.73 16.5
59 -9.05 -10.81 -13.32 0.42 9.77 >
0: cmn_live.c(138): Update to < 74.48 8.50 -5.62 -3.33 -16.51 3.71 16.7
67 -9.19 -10.87 -13.35 0.57 9.88 >
0: fsg_search.c(859): 69 frames, 1060 HMMs (15/fr), 2907 senones (42/fr),
3 story entries (4/fr)

0: fsg_search.c(869): fsg 0.10 CPU 0.144 xRT
0: fsg_search.c(871): fsg 0.81 wall 1.154 xRT
[0: "fsg_search.c", line 940: Final result does not match the grammar in fr
9
0: cmn_live.c(120): Update from < 74.48 8.50 -5.62 -3.33 -16.51 3.71 16.7
67 -9.19 -10.87 -13.35 0.57 9.88 >
0: cmn_live.c(138): Update to < 73.69 8.78 -5.64 -3.60 -16.05 2.32 17.0
74 -9.49 -11.36 -13.47 1.21 10.54 >
0: fsg_search.c(859): 233 frames, 19833 HMMs (85/fr), 39961 senones (171/fr),
66 history entries (19/fr)

0: fsg_search.c(869): fsg 0.47 CPU 0.199 xRT
0: fsg_search.c(871): fsg 4.68 wall 2.002 xRT
[0: [1587689537.160536]: OUTPUT: "I WANT CHIPS AND COOKIES"
```

```
/home/pits/MobileRobots-2020-2-for-Covid19/catkin_ws/src/bring_up/launch/pocketsphinx... ◻ ⓘ
Archivo Editar Ver Buscar Terminal Ayuda
0: cmn_live.c(138): Update to < 73.50 7.96 -6.52 -4.53 -16.46 2.48 17.01
75 -9.48 -10.66 -13.03 1.07 10.73 >
0: fsg_search.c(859): 77 frames, 1511 HMMs (19/fr), 3885 senones (50/fr), 3
story entries (4/fr)

0: fsg_search.c(869): fsg 0.33 CPU 0.421 xRT
0: fsg_search.c(871): fsg 9.87 wall 12.657 xRT
[INFO] "fsg_search.c", line 940: Final result does not match the grammar in fr
7
0: cmn_live.c(88): Update from < 73.50 7.96 -6.52 -4.53 -16.46 2.48 17.01
5 -9.48 -10.66 -13.03 1.07 10.73 >
0: cmn_live.c(105): Update to < 75.70 6.71 -4.85 -2.95 -13.60 2.62 13.0
28 -6.38 -8.21 -10.87 -0.66 8.52 >
0: cmn_live.c(120): Update from < 75.70 6.71 -4.85 -2.95 -13.60 2.62 13.0
28 -6.38 -8.21 -10.87 -0.66 8.52 >
0: cmn_live.c(138): Update to < 75.38 6.73 -5.00 -3.35 -13.80 2.50 12.9
16 -6.38 -8.00 -10.70 -0.34 8.66 >
0: fsg_search.c(859): 296 frames, 15843 HMMs (53/fr), 39907 senones (134/fr
25 history entries (10/fr)

0: fsg_search.c(869): fsg 0.55 CPU 0.185 xRT
0: fsg_search.c(871): fsg 5.09 wall 1.712 xRT
[INFO] [1587689552.123193]: OUTPUT: "I WANT COOKIES AND TUNA FISH"
```

```
/home/pits/MobileRobots-2020-2-for-Covid19/catkin_ws/src/bring_up/launch/pocketsphinx... ◻ ⓘ
Archivo Editar Ver Buscar Terminal Ayuda
17.22 -5.69 -5.86 -12.97 -0.52 7.02 >
[INFO] cmn_live.c(138): Update to < 65.06 9.81 -4.16 -8.81 -18.21 -1.44 19.93
17.88 -5.49 -5.15 -13.07 -0.62 6.54 >
[INFO] fsg_search.c(859): 228 frames, 16804 HMMs (73/fr), 38187 senones (167/fr),
2518 history entries (11/fr)

[INFO] fsg_search.c(869): fsg 0.51 CPU 0.223 xRT
[INFO] fsg_search.c(871): fsg 6.13 wall 2.679 xRT
[INFO] [1587688817.811377]: OUTPUT: "I WANT A TEA"
[INFO] cmn_live.c(88): Update from < 65.06 9.81 -4.16 -8.81 -18.21 -1.44 19.93 1
7.88 -5.49 -5.15 -13.07 -0.62 6.54 >
[INFO] cmn_live.c(105): Update to < 65.83 9.06 -3.79 -7.92 -16.87 -1.73 20.40
19.53 -6.80 -5.79 -13.24 -0.79 6.36 >
[INFO] cmn_live.c(120): Update from < 65.83 9.06 -3.79 -7.92 -16.87 -1.73 20.40
19.53 -6.80 -5.79 -13.24 -0.79 6.36 >
[INFO] cmn_live.c(138): Update to < 65.60 9.28 -4.57 -8.03 -16.79 -1.95 20.59
19.76 -6.87 -6.18 -13.26 -1.08 6.16 >
[INFO] fsg_search.c(859): 221 frames, 3434 HMMs (15/fr), 10916 senones (49/fr), 9
24 history entries (4/fr)

[INFO] fsg_search.c(869): fsg 0.66 CPU 0.298 xRT
[INFO] fsg_search.c(871): fsg 15.33 wall 6.905 xRT
[INFO] [1587688833.144176]: OUTPUT: "JUSTINA TAKE A ORDER"
```