

NAO robot fejlesztő- környezetek



Lomtár



choregraphe...



Adobe Reader
9



Google
Chrome



NAOsims-1.1...



Media Player
Classic



wxMaxima




Oracle VM
VirtualBox



Total
Commander

Aldebaran Choregraphe Suite Installer

Please select the components you would like to install:



- Visual Studio 2010 SP1 C++ Redistributable (x86)
- Apple Bonjour 1.0.6
- Choregraphe Suite 1.12.5.3

Windows 7 (x86)

Install Close

Coreographe installálás





Microsoft Visual C++ 2010 x86 Redistributable Setup

Welcome to Microsoft Visual C++ 2010 x86 Redistributable Setup
Please, accept the license terms to continue.

MICROSOFT SOFTWARE LICENSE TERMS

MICROSOFT VISUAL C++ 2010 RUNTIME LIBRARIES WITH SERVICE PACK 1

These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software

I have read and accept the license terms.

Yes, send information about my setup experiences to Microsoft Corporation.

For more information, read the [Data Collection Policy](#).

Install Cancel

Visual C installáció



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choregraphe...



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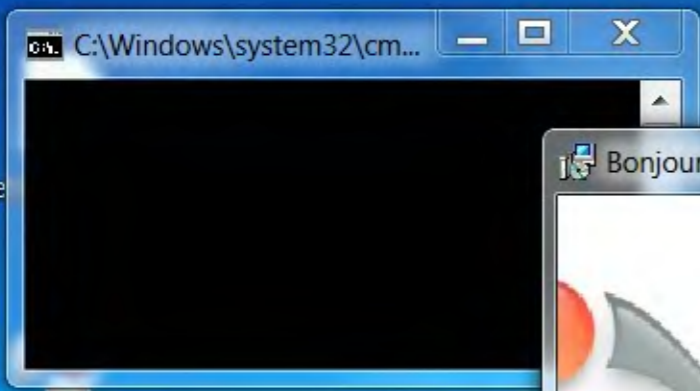
wxMaxima



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Commander



Bonjour installáció





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Total
Commander



Adobe Reader choregraphe...
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Bonjour
Printer Wizard



debian-6.0.6...



Google
Chrome



NAOsim-1.1...



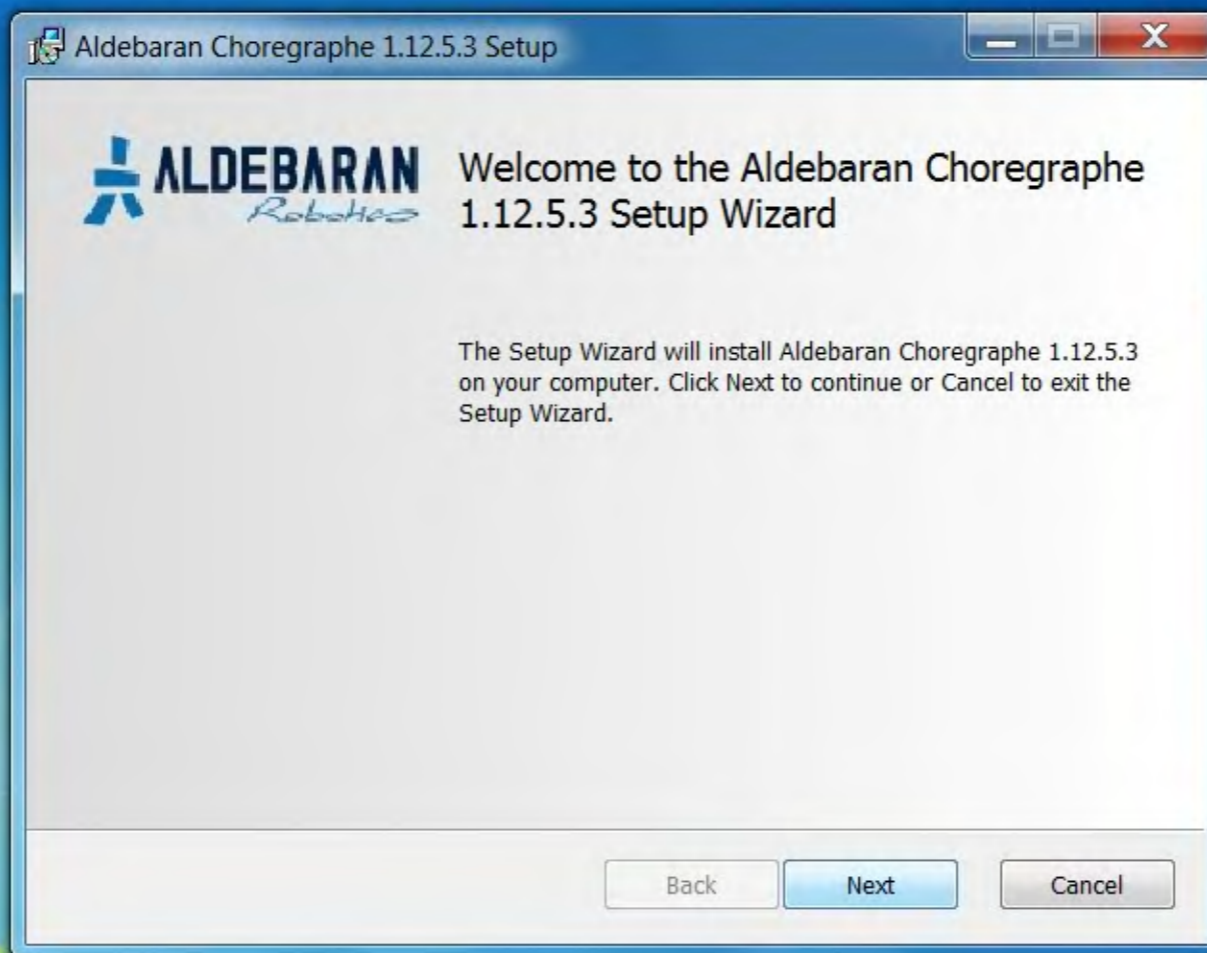
Media Player
Classic



wxMaxima

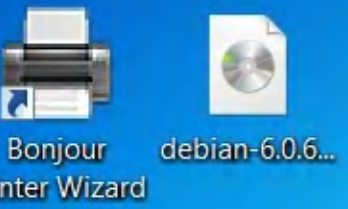


Oracle VM
VirtualBox



Coreographe konfigurálás





CHOREGRAPHE®

choregraphe-bin

Please enter the license key that is printed on the back of the CD sleeve.

OK Cancel

Checking license

Aldebaran Robotics - all rights reserved - © 2011

Licensz aktiválás



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Monitor



Media Player
Classic



Nao
Reference



Oracle VM
VirtualBox



NAOqi

CHOREGRAPHE®

Registration done

i Congratulations, you have registered your Choregraphe (single machine license).

OK

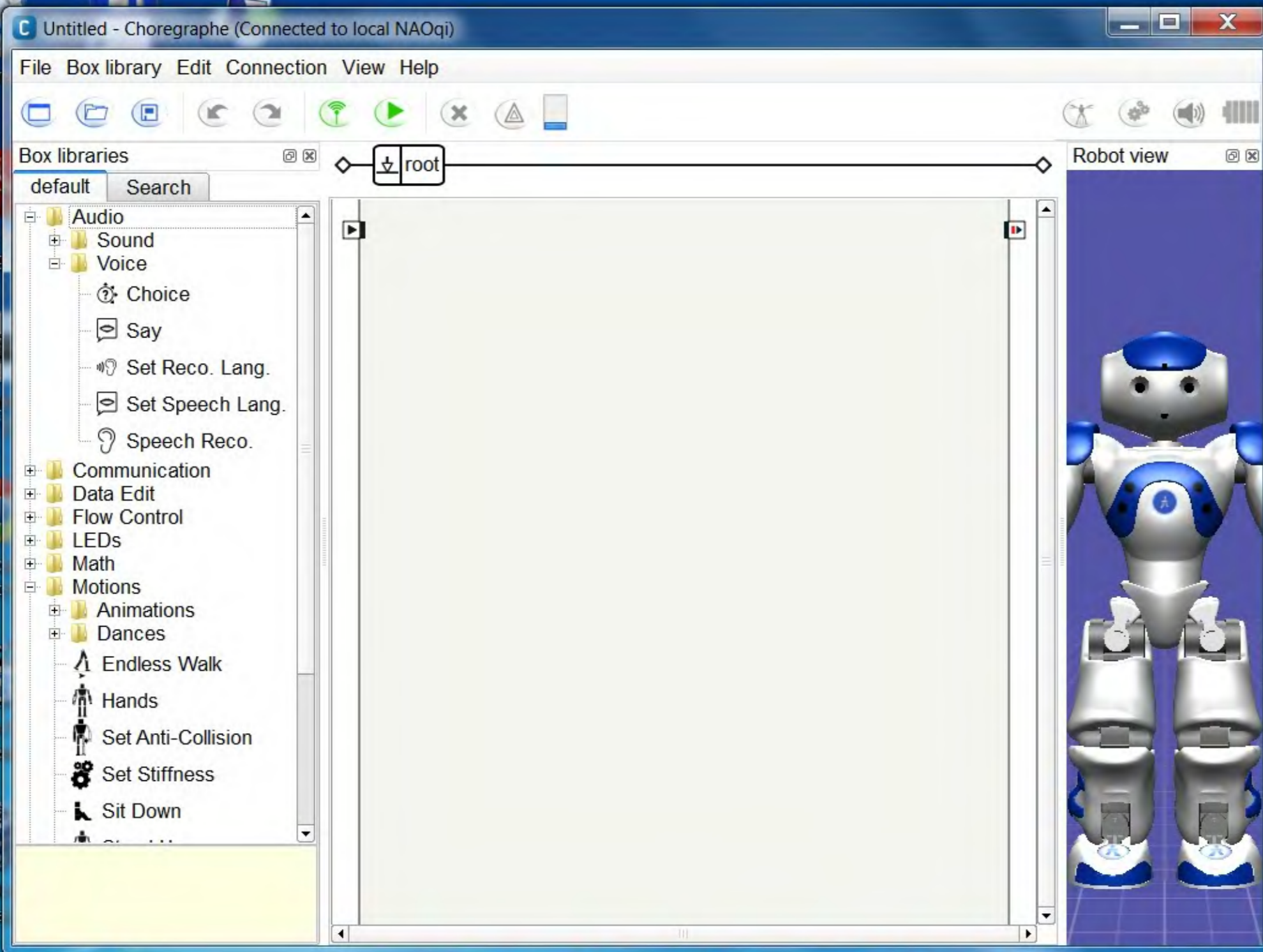
Checking license

Aldebaran Robotics - all rights reserved - © 2011

ALDEBARAN™
Robotics

Sikeres regisztráció





A grafikus fejlesztőkörnyezet elindult


```
C:\Program Files\Aldebaran\Choregraphe 1.12.5.3\bin\ naoqi-bin.exe
[INFO ] ..::: starting NAOqi version 1.12.5 :::..
[INFO ] Copyright (c) 2011, Aldebaran Robotics
[INFO ] Starting ALNetwork
[INFO ] NAOqi is listening on 0.0.0.0:9559
[INFO ] Loading "C:\Program Files\Aldebaran\Choregraphe 1.12.5.3\etc\naoqi\autoLoad.in"
[INFO ] Starting ALMemory
[INFO ] Starting ALLogger
[INFO ] Starting ALPreferences
[INFO ] Starting ALFileManager
[INFO ] Starting ALLauncher
[INFO ] Starting ALBonjour
[INFO ] Starting ALResourceManager
[INFO ] Starting ALLeds
[INFO ] Starting ALSonar
[INFO ] Starting ALFsr
[INFO ] Starting ALRobotPose
[INFO ] Starting ALBattery
[INFO ] Starting ALSensors
[INFO ] Starting ALRobotModel
[INFO ] Starting ALMotion
[INFO ] Starting ALRedBallTracker
[INFO ] Starting ALMotionRecorder
[INFO ] Starting ALTextToSpeech
[INFO ] Starting ALFrameManager
[INFO ] Starting ALPythonBridge
[INFO ] Starting ALVideoDevice
[INFO ] Starting ALRedBallDetection
[INFO ] Starting ALBehaviorManager
[INFO ] NAOqi is ready...
```

NAOqi robot oprendszer fut



NAO

DOCUMENTATION

v1.12.5

Release Notes
Changelog

NAO

- First Steps
- Taking care of NAO
- Configuring NAO
- NAO's Hardware

SOFTWARE

- Choregraphe
- Monitor
- NAOsim
- NAOFlasher

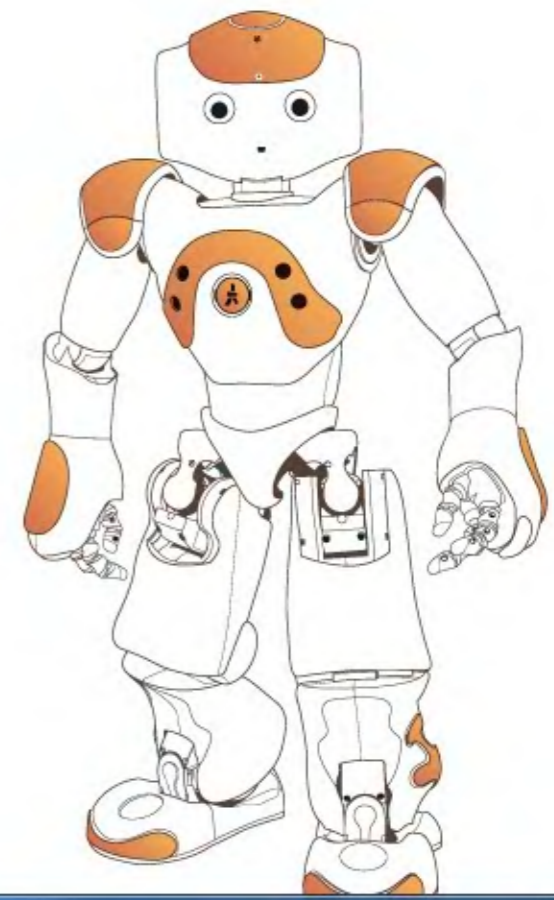
Legal notice

PROGRAMMING

- SDK
- C++, Python
- Java, .NET, Matlab, Urbi
- Examples

REFERENCE

- NAOqi API
- C++ API, Python API
- qiBuild
- Glossary



NAO dokumentáció

Jegyzetomb



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NAOsim-1.1...



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Choregraphe



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NAOqi



Robot szimuláció telepítése



HU



10:42
2012.11.03.



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debian-6.0.6...



NAOqi



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Printer Wizard



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Choregraphe



Media Player
Classic



Monitor



NAOsim



Nao
Reference

NAOsim - License

NAOsim is a 3D simulator for NAO.
You will find the licenses on the DVD box. Otherwise contact Aldebaran to get one.

Enter license key

Activate 90 day trial period

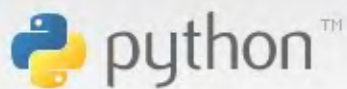
ALDEBARAN Robotics

OK Cancel

Initializing editor...

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- FOUNDATION »
- CORE DEVELOPMENT »

Python Wiki
 Python Insider Blog
 Python 2 or 3?
 Help Fund Python



Non-English Resources

Release Schedule

11.12. utáni
 események
 megjelenítése.
 Kétfelhő...
 Internet Explorer

Alternative Implementations

This site hosts the "traditional" implementation of Python (nicknamed CPython). A number of alternative implementations are available as well, namely

- [IronPython](#) (Python running on .NET)
- [Jython](#) (Python running on the Java Virtual Machine)
- [PyPy](#) (A fast python implementation with a JIT compiler)
- [Stackless Python](#) (Branch of CPython supporting microthreads)

Download Python

The current production versions are [Python 2.7.3](#) and [Python 3.3.0](#).

Start with one of these versions for learning Python or if you want the most stability; they're both considered stable production releases.

If you don't know which version to use, start with Python 2.7; more existing third party software is compatible with Python 2 than Python 3 right now.

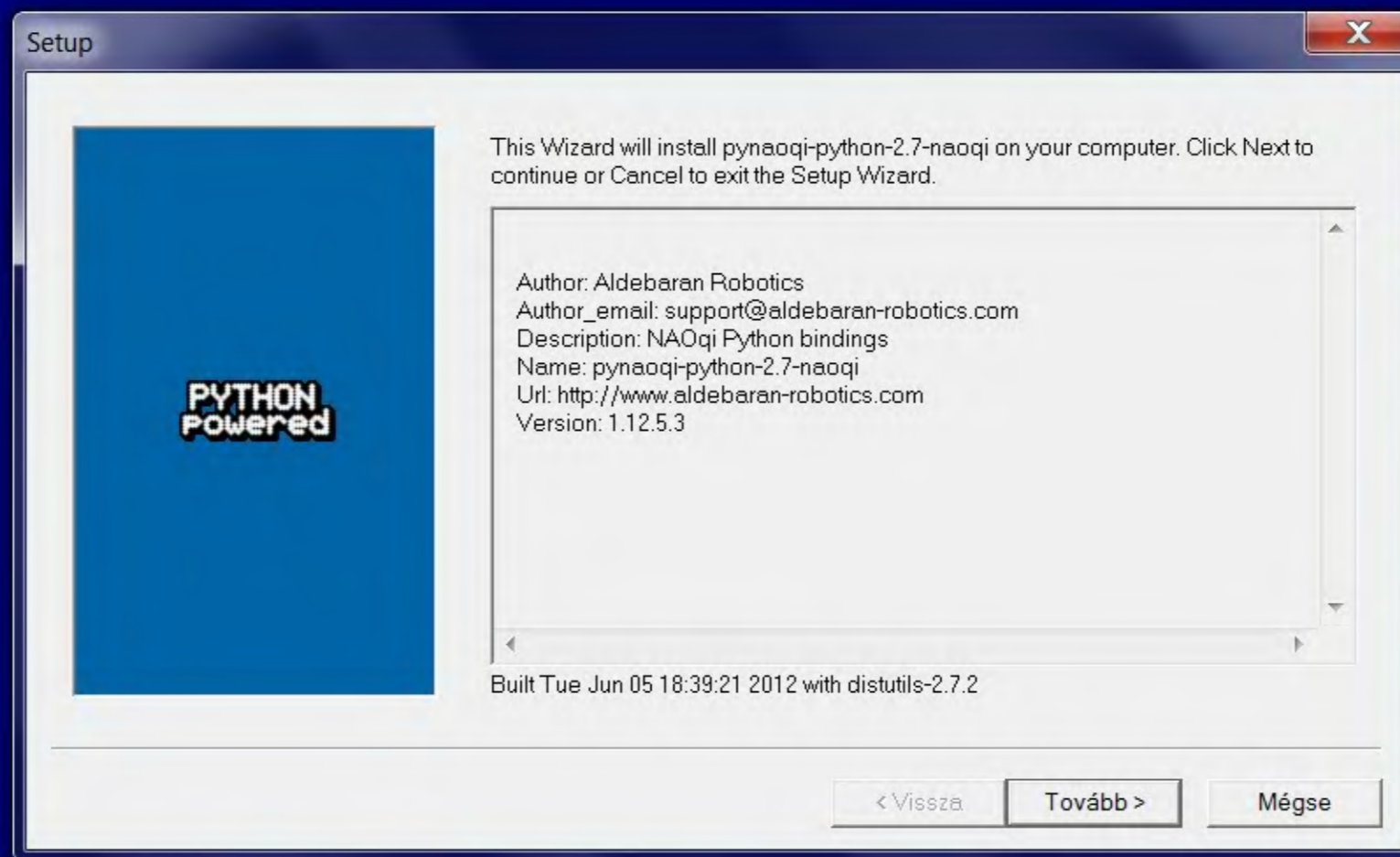
For the MD5 checksums and OpenPGP signatures, look at the [detailed Python 2.7.3](#) page:

- [Python 2.7.3 Windows Installer](#) (Windows binary -- does not include source)
- [Python 2.7.3 Windows X86-64 Installer](#) (Windows AMD64 / Intel 64 / X86-64 binary [1] -- does not include source)
- [Python 2.7.3 Mac OS X 64-bit/32-bit x86-64/i386 Installer](#) (for Mac OS X 10.6 and later [2])
- [Python 2.7.3 Mac OS X 32-bit i386/PPC Installer](#) (for Mac OS X 10.3 through 10.6 [2])
- [Python 2.7.3 compressed source tarball](#) (for Linux, Unix or Mac OS X)
- [Python 2.7.3 bziped source tarball](#) (for Linux, Unix or Mac OS X, more compressed)

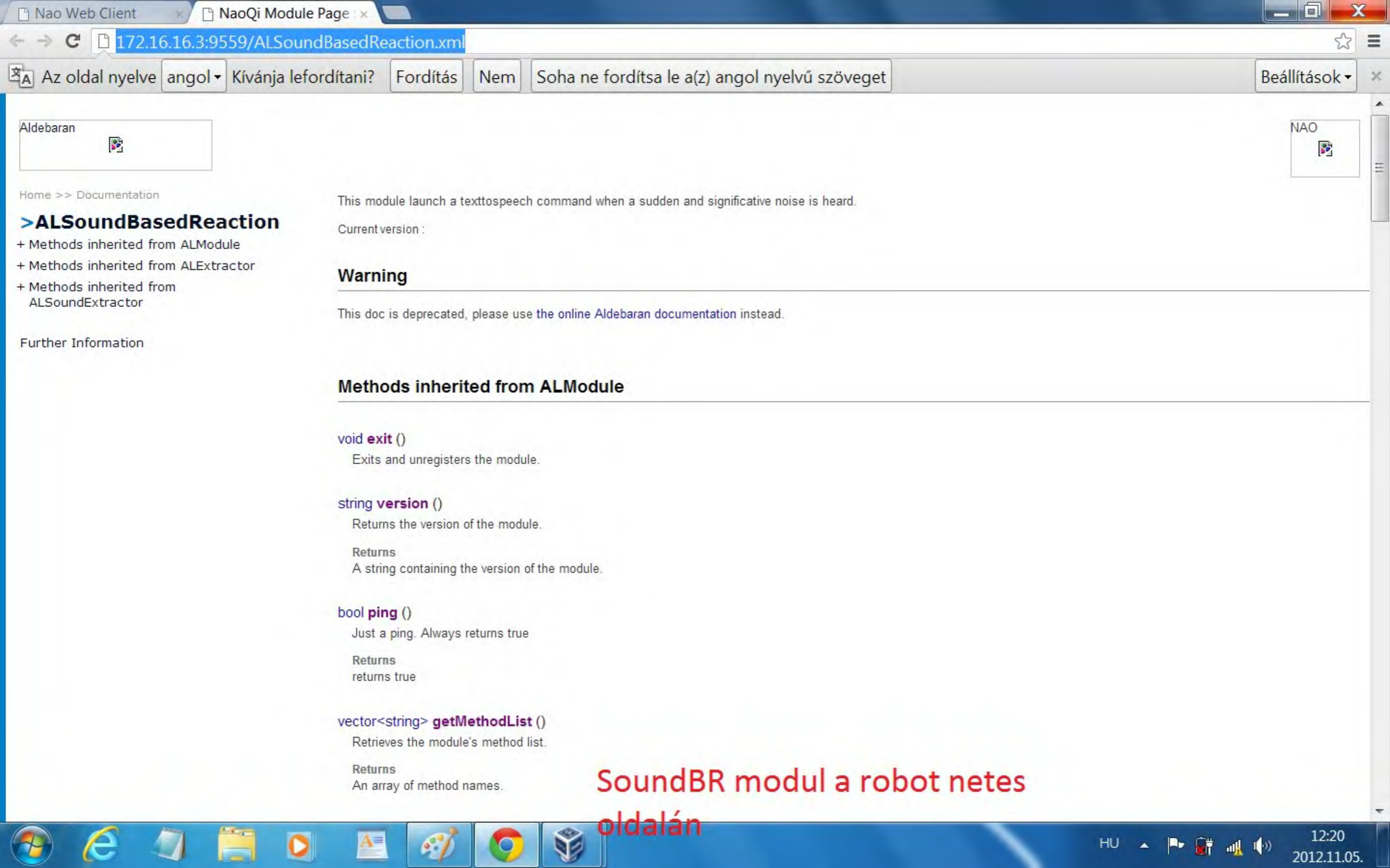
Also look at the [detailed Python 3.3.0](#) page:

- [Python 3.3.0 Windows x86 MSI Installer](#) (Windows binary -- does not include source)
- [Python 3.3.0 Windows X86-64 MSI Installer](#) (Windows AMD64 / Intel 64 / X86-64 binary [1] -- does not include source)
- [Python 3.3.0 Mac OS X 64-bit/32-bit x86-64/i386 Installer](#) (for Mac OS X 10.6 and later [2])
- [Python 3.3.0 Mac OS X 32-bit i386/PPC Installer](#) (for Mac OS X 10.5 and later [2])
- [Python 3.3.0 compressed source tarball](#) (for Linux, Unix or Mac OS X)
- [Python 3.3.0 bziped source tarball](#) (for Linux, Unix or Mac OS X, more compressed)

pynaoqi-python-2.7-naoqi-1.12.5.3



Pynaoqi környezet intalláció



Aldebaran

NAO

Home >> Documentation

> ALSoundBasedReaction

- + Methods inherited from ALModule
- + Methods inherited from ALExtractor
- + Methods inherited from ALSoundExtractor

Further Information

This module launch a texttospeech command when a sudden and significative noise is heard.

Current version :

Warning

This doc is deprecated, please use [the online Aldebaran documentation](#) instead.

Methods inherited from ALModule

- void exit ()**
Exits and unregisters the module.
- string version ()**
Returns the version of the module.

Returns
A string containing the version of the module.
- bool ping ()**
Just a ping. Always returns true

Returns
returns true
- vector<string> getMethodList ()**
Retrieves the module's method list.

Returns
An array of method names.

SoundBR modul a robot netes oldalán



Untitled - Choregraphe (Connected to local NAOqi)

File Box library Edit Connection View Help

Box libraries

- default
- Search
- Audio
 - Sound
 - Voice
 - Choice
 - Say
 - Set Reco. Lang.
 - Set Speech Lang.
 - Speech Reco.
- Communication
- Data Edit
- Flow Control
- LEDs
- Math
- Motions

Video monitor

Robot view

- Cut Ctrl+X
- Copy Ctrl+C
- Paste Ctrl+V
- Select All Ctrl+A
- Zoom (100%)
- Add a new box**
- Add to library Ctrl+D
- Convert to Box Ctrl+Q
- Delete selection Del
- Edit box Ctrl+E
- Edit box script Ctrl+F
- Edit resources Ctrl+R
- Set Parameters

Debug window

Behavior manager

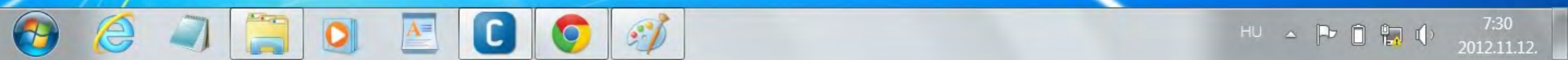
Behaviors

- try1
- try2
- try3
- try4

Show all logs

Log Level: Info

Új doboz hozzáadása





Untitled - Choregraphe (Connected to local NAOqi)

File Box library Edit Connection View

Box libraries

- default Search
- Audio
 - Sound
 - Voice
 - Choice
 - Say
 - Set Reco. Lang.
 - Set Speech Lang.
 - Speech Reco.
- Communication
- Data Edit
- Flow Control
- LEDs
- Math
- Motions

Behavior manager

Behaviors

try1	▶	✓
try2	▶	□
try3	▶	□
try4	▶	□

Video monitor

Robot view

Create a new box

General Advanced

General description :

Name: ALSoundBasedReaction

Tooltip: says something on hearing a sharp sound

Image :

Edit

Inputs/Outputs/Parameters:

Inputs: onStart

Outputs: onStoped

Parameters:

Type:

Box type: Script

OK Cancel

Show all logs

Log Level: Info

Új doboz tulajdonságai



Untitled* - Choregraphe (Connected to local NAOqi)

File Box library Edit Connection View Help

Box libraries

- default
- Search
- Audio
 - Sound
 - Voice
 - Choice
 - Say
 - Set Reco. Lang.
 - Set Speech Lang.
 - Speech Reco.
- Communication
- Data Edit
- Flow Control
- LEDs
- Math
- Motions

Video monitor

Robot view

Debug window

Behavior manager

Behaviors

try1	▶	✓
try2	▶	□
try3	▶	□
try4	▶	□

Log Level: Info

Kész az új doboz



Box libraries

- default myboxes
- Audio
 - Sound
 - Play Sound
 - Record Sound
 - Set Speaker Vol.
 - Sound Loc.
 - Voice
 - Choice
 - Say
 - Set Reco. Lang.
 - Set Speech Lang.
 - Speech Reco.
- Communication
- Data Edit
- Flow Control
- LEDs

Sound Loc.:
Every time a sound is detected, this box sends on its outputs:

Behavior manager

- Behaviors
- try1
 - try2
 - try3
 - try4

root

```

ALSoundBasedReaction x
print Error when creating
ALSoundBasedReaction_Proxy proxy:"
print str(e)
exit(1)

#
# Remote procedure call
#

# stop
try:
  ret
  =ALSpeechBasedReaction_Proxy.~ALSoundB
  asedReaction()
except Exception,e:

```

Ln 57 Find: []

Video monitor



Robot view



Szkript az új dobozban

Debug window

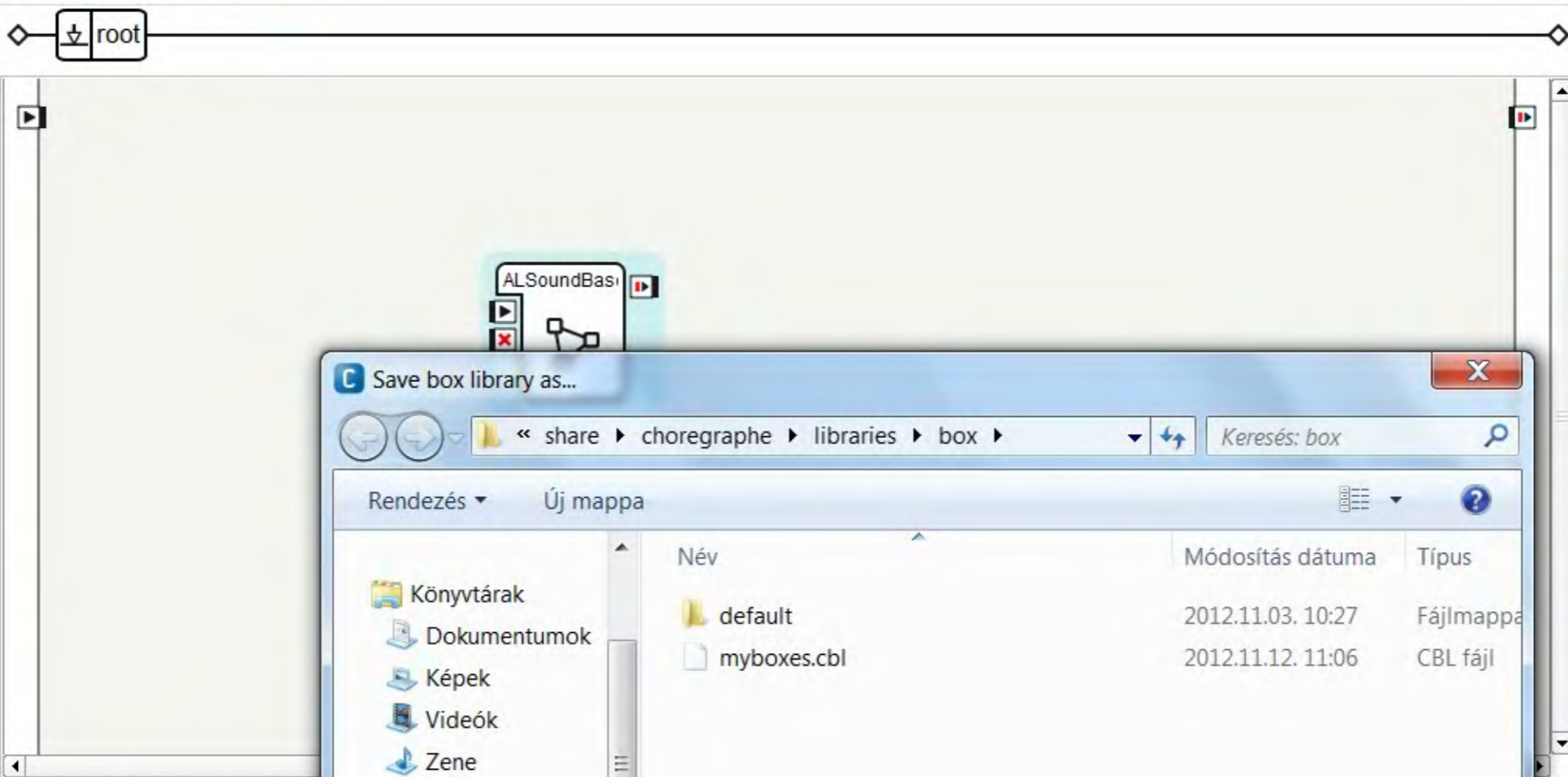
Show all logs

Log Level: Info



Box libraries
default myboxes

ALSoundBasedReaction



Video monitor



Robot view



Save box library as...

« share » choregraphe » libraries » box »

Keresés: box

Rendezés Új mappa

Név	Módosítás dátuma	Típus
default	2012.11.03. 10:27	Fájlmappa
myboxes.cbl	2012.11.12. 11:06	CBL fájl

Fájlnév:

Fájl típusa: Choregraphe box library (*.cbl)

Debug window

Behavior manager

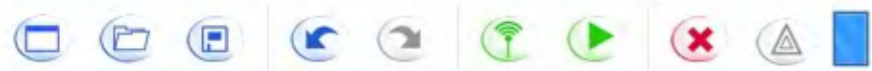


Behaviors

- try1
- try2
- try3
- try4

Show all logs

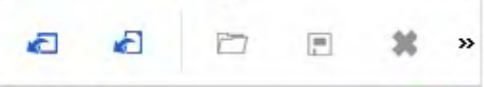
Új doboz mentése



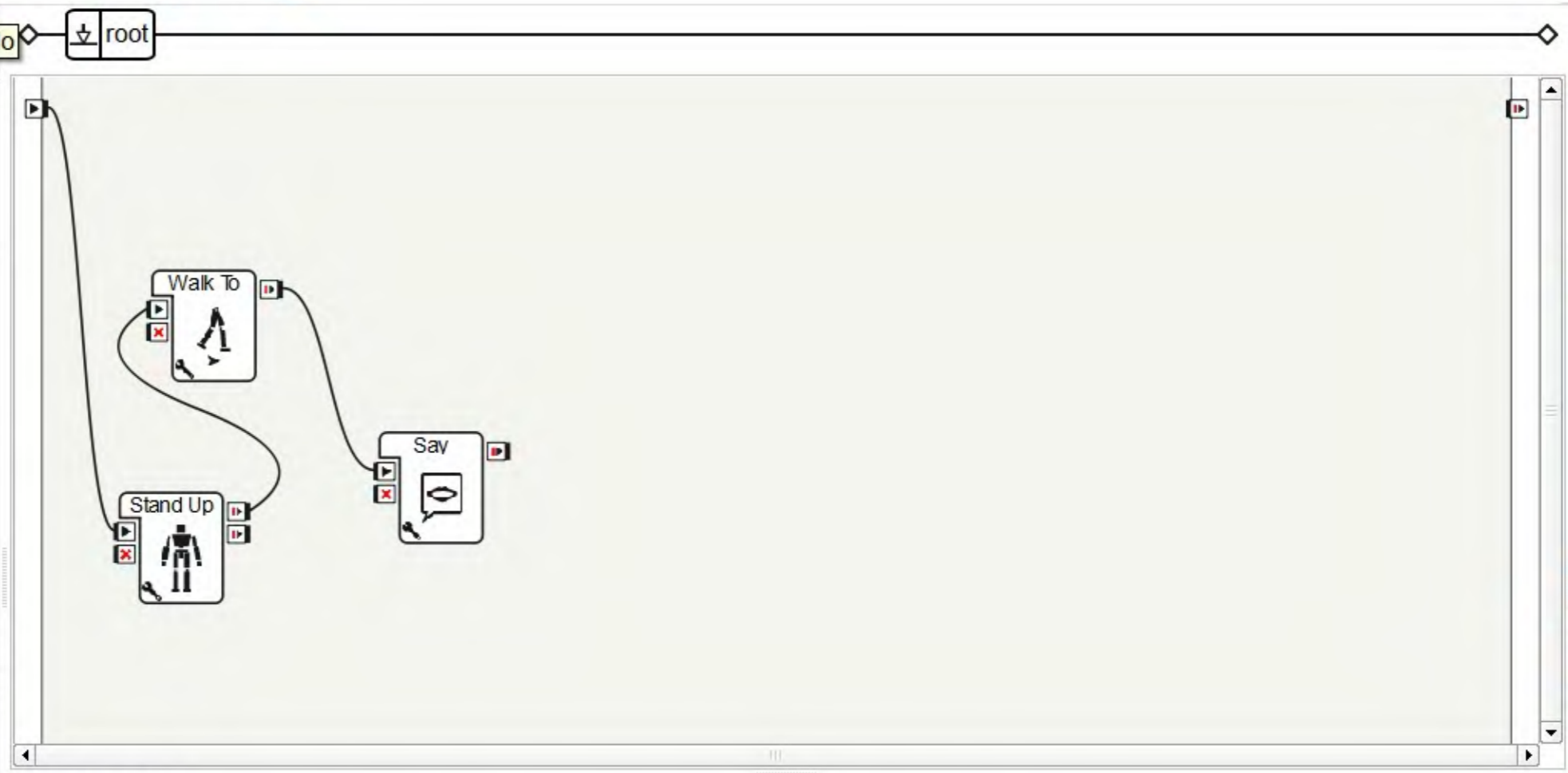
- Box libraries
- default
 - myboxes
 - Search
 - LEDs
 - Math
 - Motions
 - Animations
 - Dances
 - Endless Walk
 - Hands
 - Set Anti-Collision
 - Set Stiffness
 - Sit Down
 - Stand Up
 - Walk To
 - Walk Toward
 - Sensing
 - Templates
 - Trackers

Stand Up:
NAO tries to stand up from any position for a number of tries.

Behavior manager



- Behaviors
- try1



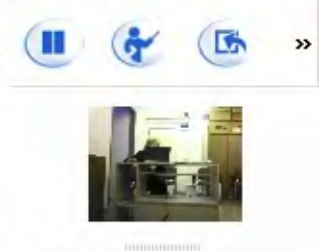
Debug window

Viselkedés összeállítása dobozokból

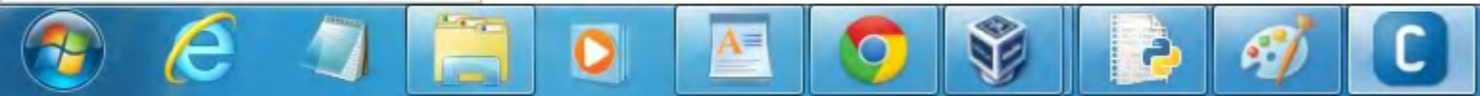
Show all logs

Log Level: Info

Video monitor



Robot view





try1 - Choregraphe (Connected to User-PC10)

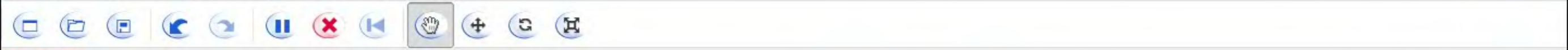
File Box library Edit Connection View Help

Debug window

```
[VERB ] core.base.preferences: loaded: C:\Users\math\.config\ naoqi\DefaultBehaviors.xml
[INFO ] audio.texttospeechlog: \RSPD=100\
[INFO ] audio.texttospeechlog: \VCT=59\
[INFO ] audio.texttospeechlog: vysontlatashra\RST\
```

Show all logs

Log Level: Debug

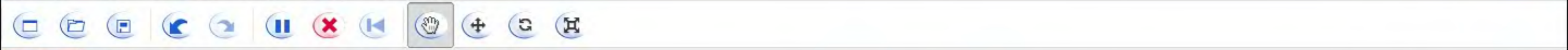


Main Camera



Feláll a robot

Environment: Small Apartment.nsim Status: Running Tick Rate: 53 Frame Rate: 23

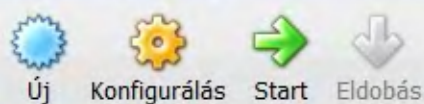


Main Camera



Jár a robot

Environment: Small Apartment.nsim Status: Running Tick Rate: 47 Frame Rate: 23



squeeze
Kikapcsolva

Részletek Pillanatkép

Általános

Név: squeeze
Operációs rendszer: Debian

Rendszer

Alapmemória: 1024 MB
Boot sorrend: Merevlemez, CD/DVD-ROM
Gyorsítás: VT-x/AMD-V, Memóriavirtualizáció

Képernyő

Videó-memória: 12 MB
Távoli asztal szerver: Letiltva

Tároló

IDE vezérlő
IDE Secondary Master: [CD/DVD] Üres
SATA vezérlő
SATA port 0: squeeze.vdi (Normál, 64,00 GB)

Audió

Gazda eszköz: Windows DirectSound
Vezérlő: ICH AC97

Hálózat

Adapter 1: Intel PRO/1000 MT Desktop (NAT)

USB

Eszköz szűrő: 0 (0 aktív)

Megosztott mappák

Megosztott mappák: 1

Leírás

Nincs

Előnézet



Virtualbox szimulációs alkalmazás



aldebaran - Fájlböngésző

Fájl Szerkesztés Nézet Ugrás Könyvjelzők Súgó

Vissza Előre 150% Ikonnézet

Helyek kurdics aldebaran qibuild-1.12.5 debian

- Asztal
- Fájlrendszer
- Hálózat
- Kuka
- Dokumentumok
- Zenék
- Képek
- Videók
- Letöltések

build-naoqi-sdk 7 elem	choregraphe-suite-1.12.5- linux32 9 elem	Documentation 24 elem
nao-atom-cross-toolchain-1.12. 5.3_2012-06-03 6 elem	naoqi-sdk-1.12.5-linux32 10 elem	pynaoqi-python-2.6-naoqi-1.12. 5-linux32 12 elem
qibuild-1.12.5 14 elem	simulator-sdk-1.12.5-linux32 9 elem	worktree 6 elem

9 elem, szabad hely: 47,5 GB



NAO fejlesztőkörnyezet Debian
alatt

Synaptic csomagkezelő (rendszergazdaként)

Frissítés Minden frissítés kijelölése Alkalmaz Tulajdonságok Quick search Keresés

Mind	Á	Csomag	Telepített verzió	Legfrissebb verzió	Leírás
lib boost	<input type="checkbox"/>	libboost-dbg		1.42.0.1	Boost C++
	<input type="checkbox"/>	libboost-dev	1.42.0.1	1.42.0.1	Boost C++
	<input type="checkbox"/>	libboost-doc		1.42.0.1	Boost C++

Nincs csomag kiválasztva.

Csoportok
Állapot
Eredet
Custom Filters
Search Results

79 csomag listázva, 1385 telepítve, 0 törölt. 0 telepítendő/frissítendő 0 el lesz távolítva

Boost könyvtár installáció

Qt Creator

File Edit Build Debug Tools Window Help

Qt Welcome


Edit

Debug

Projects

Help

Output



Qt Creator

Getting Started Develop Community

Tutorials

- > Qt Creator - A quick tour
- > Creating an address book
- > Understanding widgets
- > Building with qmake
- > Writing test cases

Explore Qt Examples

Choose an example...

Did You Know?

You can switch between Qt Creator's modes using Ctrl+number:

- 1 - Welcome
- 2 - Edit
- 3 - Debug
- 4 - Projects
- 5 - Help
- 6 - Output

Integrált fejlesztőkörnyezet
installáció

Help us make Qt Creator even better

Type to locate

1 Build Issues 2 Search Results 3 Application Output 4 Compile Output

_ □ ×

_ □ ×

Számítógép

kurdics m

Kuka

VBOXADDIT
2.0_80

Termin

SciTE Text

Synaptic csomagkezelő (rendszergazdaként)

Fájl Szerkesztés Csomag Beállítások Súgó

Frissítés Minden frissítés kijelölése Alkalmaz Tulajdonságok Quick search Keresés

Mind	Á	Csomag	Telepített verzió	Legfrissebb verzió	Leírás
cmake	■	cmake	2.8.2+dfsg.1-0+sq1	2.8.2+dfsg.1-0+sq1	a cross-p
lib boost	■	cmake-curses-gui		2.8.2+dfsg.1-0+sq1	curses b
	■	cmake-data	2.8.2+dfsg.1-0+sq1	2.8.2+dfsg.1-0+sq1	CMake d

Nincs csomag kiválasztva.

Csoportok

Állapot

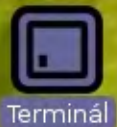
Eredet

Custom Filters

Search Results

17 csomag listázva, 1385 telepítve, 0 törölt. 0 telepítendő/frissítendő 0 el lesz távolítva

Cmake installáció



```
kurdics@debian: ~/aldebaran/qibuild-1.12.5
Fájl Szerkesztés Nézet Terminál Súgó
kurdics@debian:~$ cd aldebaran/qibuild-1.12.5/
kurdics@debian:~/aldebaran/qibuild-1.12.5$ ./install-qibuild.sh
```

Qibuild keretrendszer installáció



```
kurdics@debian: ~/aldebaran/qibuild-1.12.5
Fájl Szerkesztés Nézet Terminál Súgó
kurdics@debian:~$ cd aldebaran/qibuild-1.12.5/
kurdics@debian:~/aldebaran/qibuild-1.12.5$ ./install-qibuild.sh
touch: "/usr/local/bin/.tmp_test" elérése sikertelen: Engedély megtagadva
WARNING: /usr/local/bin is not writable
=====
installing into /home/kurdics/bin
You should add /home/kurdics/bin to your PATH
=====
installed: /home/kurdics/bin/qibuild
installed: /home/kurdics/bin/qitoolchain
installed: /home/kurdics/bin/qisrc
installed: /home/kurdics/bin/qidoc
installed: /home/kurdics/bin/qc
installed: /home/kurdics/bin/qm
installed: /home/kurdics/bin/qp
installed: /home/kurdics/bin/qo
kurdics@debian:~/aldebaran/qibuild-1.12.5$
```

Installáció sikeres



```
kurdics@debian: ~/aldebaran
Ejöl Szerkesztés Nézet Terminál Súgó
kurdics@debian:~$ qtcreeator
kurdics@debian:~$ cd aldebaran/
kurdics@debian:~/aldebaran$ qibuild config --wizard
Found CMake: /usr/bin/cmake
:: Please choose a generator
 1 Unix Makefiles
 2 CodeBlocks - Unix Makefiles
 3 Eclipse CDT4 - Unix Makefiles
 4 KDevelop3
 5 KDevelop3 - Unix Makefiles
> 1
:: Please choose an IDE
 1 QtCreator
 2 Eclipse CDT
> 
```

Qibuild konfiguráció



```
kurdics@debian: ~/aldebaran/worktree
Ejöl Szerkesztés Nézet Terminál Sűgő
kurdics@debian:~$ cd aldebaran/worktree/
kurdics@debian:~/aldebaran/worktree$ qibuild init
```

Qibuild inicializáció

```
onloudnoise.rst      stopspeechbasedreaction.py
kurdics@debian:~/aldebaran/worktree$ qitoolchain create cross-atom ../nao-atom-c
ross-toolchain-1.12.5.3_2012-06-03/toolchain.xml
cross-atom already exists, removing previous toolchain and creating a new one
Now try using:
  qibuild configure -c cross-atom
  qibuild make      -c cross-atom

kurdics@debian:~/aldebaran/worktree$ qibuild configure -c cross-atom
Active configuration: cross-atom
Configuring soundbasedreaction
-- QI_SDK_DIR: /home/kurdics/aldebaran/worktree/build-cross-atom/sdk
-- Configuring done
-- Generating done
-- Build files have been written to: /home/kurdics/aldebaran/worktree/build-cros
s-atom
kurdics@debian:~/aldebaran/worktree$ qibuild make -c cross-atom
Active configuration: cross-atom (debug)
Building soundbasedreaction in cross-atom (debug)
Scanning dependencies of target soundbasedreaction
[100%] Built target soundbasedreaction
kurdics@debian:~/aldebaran/worktree$
```

SoundBR könyvtárfájl fordítása

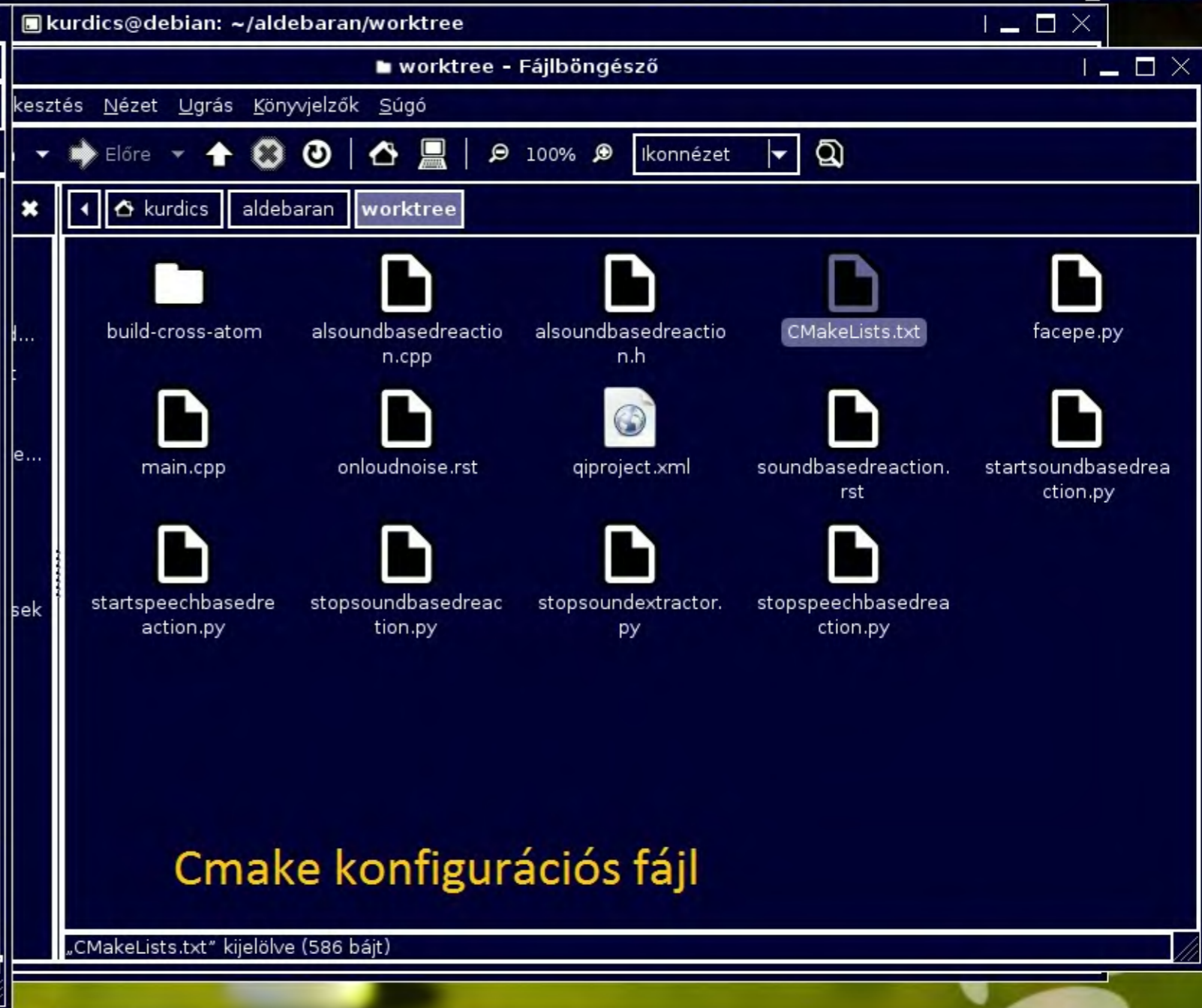
```
CMakeLists.txt - SciTE
File Edit Search View Tools Options Language Buffers Help
CMakeLists.txt
# Copyright (C) 2010 Aldebaran Robotics

cmake_minimum_required(VERSION 2.6.4 FATAL_ERROR)
project(soundbasedreaction)
find_package(qibuild)

option(SOUNDBASEDREACTION_IS_REMOTE
"module is compiled as a remote module (ON or OFF)"
ON)

set(_srcs
main.cpp
alsoundbasedreaction.h
alsoundbasedreaction.cpp
)

if(SOUNDBASEDREACTION_IS_REMOTE)
add_definitions("-DSOUNDBASEDREACTION_IS_REMOTE")
qi_create_bin(soundbasedreaction ${_srcs})
else()
qi_create_lib(soundbasedreaction SHARED ${_srcs} SU
endif()
```



Cmake konfigurációs fájl

```
alsoundbasedreaction.cpp - SciTE
File Edit Search View Tools Options Language Buffers Help
CMakeLists.txt alsoundbasedreaction.cpp
setModuleDescription("This module launch a textt
"sudden and significant noise is he
}
void ALSoundBasedReaction::init()
- {
// Setting up the appropriate language
fProxyToTextToSpeech.setLanguage("English");
audioDevice->callVoid("setClientPreferences",
getName(), //Name of this r
16000, //16000 Hz reques
(int)FRONTCHANNEL, //Front C
0 //Deinterleaving is no
);
startDetection();
}
void ALSoundBasedReaction::stop()
- {
// cleanup
```

worktree - Fájlböngésző

Fájl Szerkesztés Nézet Ugrás Könyvjelzők Súgó

Vissza Előre 100% lkonnézet

Helyek x

- kurdics
- aldebaran
- worktree

Asztal

Fájlrend...

Hálózat

Kuka

Dokume...

Zenék

Képek

Videók

Letöltések

build-cross-atom	alsoundbasedreactio n.cpp	alsoundbasedreactio n.h	CMakeLists.txt	facepe.py
main.cpp	onloudnoise.rst	qiproject.xml	soundbasedreaction. rst	startsoundbasedrea ction.py
startspeechbasedre action.py	stopsoundbasedreac tion.py	stopsoundextractor. py	stopspeechbasedrea ction.py	

„alsoundbasedreaction.cpp” kijelölve (2,2 KB)

SoundBR eljárások forrásfájl

Fájl Szerkesztés Nézet Terminál Súgó

Now try using:**qibuild configure -c cross-atom****qibuild make -c cross-atom**

kurdics@debian:~/aldebaran/worktree\$ qibuild configure -c cross-atom

Active configuration: cross-atom**Configuring soundbasedreaction**

-- QI_SDK_DIR: /home/kurdics/aldebaran/worktree/build-cross-atom/sdk

-- Configuring done

-- Generating done

-- Build files have been written to: /home/kurdics/aldebaran/worktree/build-cross-atom

kurdics@debian:~/aldebaran/worktree\$ qibuild make -c cross-atom

Active configuration: cross-atom (debug)**Building soundbasedreaction in cross-atom (debug)**

Scanning dependencies of target soundbasedreaction

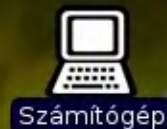
[50%] Building CXX object CMakeFiles/soundbasedreaction.dir/main.cpp.o

[100%] Building CXX object CMakeFiles/soundbasedreaction.dir/alsoundbasedreaction.cpp.o

Linking CXX executable sdk/bin/soundbasedreaction

[100%] Built target soundbasedreaction

kurdics@debian:~/aldebaran/worktree\$

SoundBR futtatható fájl fordítás

Számítógép



kurdics mappája



Kuka



Terminál



ScITE Text Editor

mc [kurdics@debian]:/#ftp:nao@172.16.16.16/naoqi/preferences

Fájl Szerkesztés Nézet Terminál Súgó

Bal Fájl Parancs Beállítások Jobb

```
<~> .[^]> <...6.16.16/naoqi/preferences .[^]>
```

'n	Név	Méret	Módosítva	'n	Név	Méret	Módosítva
/..		SZ-KVTR	okt 18 13:36	/..		SZ-KVTR	nov 3 18:32
/.cache		4096	okt 29 11:11	autoload.ini		384	nov 3 18:32
/.config		4096	okt 29 10:57				
/.dbus		4096	okt 18 13:37				
/.gconf		4096	nov 5 10:33				
/.gconfd		4096	nov 5 10:40				
/.gnome2		4096	okt 28 20:09				
/.gnupg		4096	okt 18 13:37				
/.gstrea~r-0.10		4096	okt 18 13:38				
/.gvfs		4096	okt 18 13:37				
/.icons		4096	okt 25 10:14				
/.local		4096	okt 18 16:24				
/.mc		4096	nov 5 10:41				

SZ-KVTR

47G/52G (91%)

autoload.ini

Tipp: A fájlok listázási módja beállítható; részletek a "man mc" paranccsal.

kurdics@debian:/etc/init.d\$ **Autoload.ini fájl a robotagyban**

1Súgó 2Menü 3Megnéz 4Szerk. 5Másol 6Mozgat 7Új kvf 8Töröl 9Főmenü 10Kilép