

Setup Pepper application development environment

Pepper is fully programmable robot platform. Please follow the instruction below for setting up the development environment.

1. Create Aldebaran account

This makes you to join the developer community.

- Visit Aldebaran web site <http://www.aldebaran.com/> and click [Sign in] button on top right or visit following registration page directly for the registration.

<https://store.aldebaran.com/default/customer/account/create/>

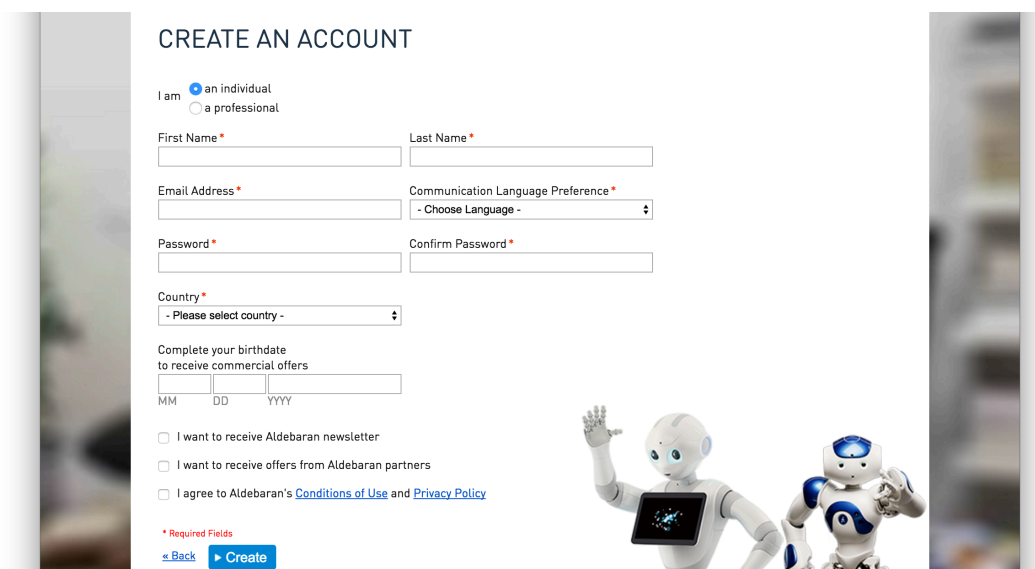
2. Register Aldebaran Developer program

After joining developer community, you can then register to the developer program. Developer program gives you the access for all the developer resources for Pepper.

- Visit <http://www.aldebaran.com/> and click [Sign in] button on top right.
- Login with your Aldebaran account.
- Visit following URL and press [Join] button.

<https://community.aldebaran.com/en/developerprogram>

You will see registration page as like follow:



CREATE AN ACCOUNT

I am ☒ an individual
☐ a professional

First Name * Last Name *

Email Address * Communication Language Preference *
- Choose Language -

Password * Confirm Password *

Country *
- Please select country -

Complete your birthdate to receive commercial offers
MM DD YYYY

☐ I want to receive Aldebaran newsletter
☐ I want to receive offers from Aldebaran partners
☐ I agree to Aldebaran's [Conditions of Use](#) and [Privacy Policy](#)

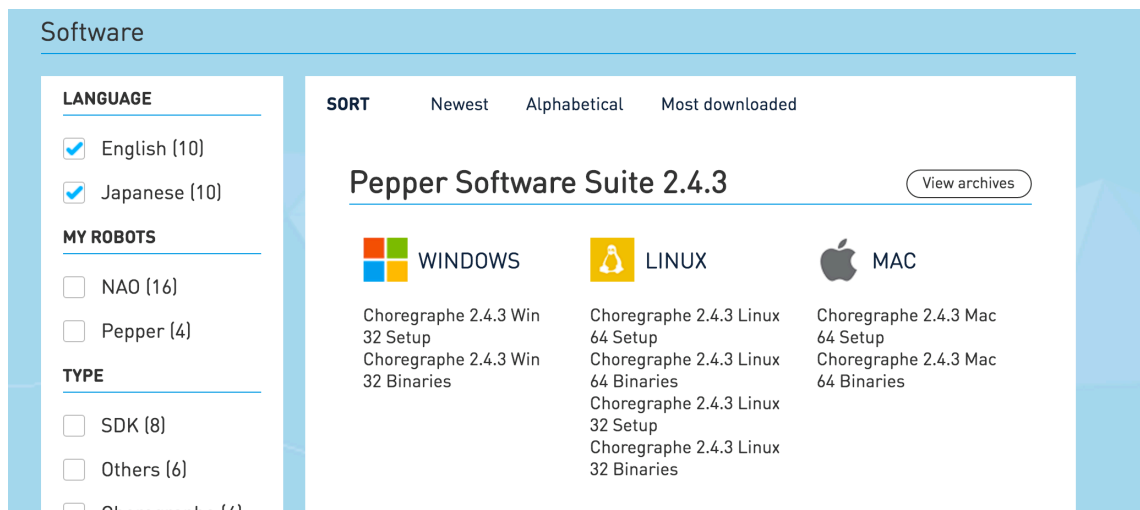
* Required Fields
[Back](#) [Create](#)

Fill the form and press [Create] button. Now you have all resources ready!

3. Download Choregraphe

Choregraphe is a powerful application development tool for robots. This is a must have tool for developing applications for Pepper.

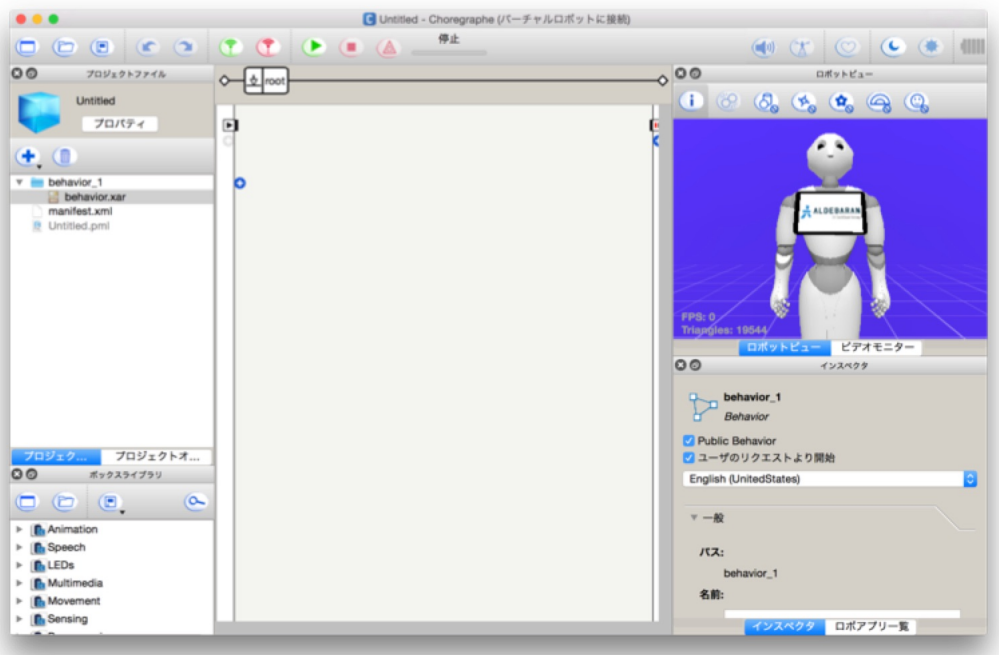
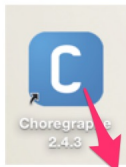
- Visit following URL:
<https://community.aldebaran.com/resources/software>
or from Aldebaran top page, go to [Community] -> [Resources] -> [Software]
- Find Choregraphe 2.4.3 for your PC platform and download it.
- (You generally don't need "xyz Binaries" for your installation. Chose "xyz Setup" and you will be all right.)



4. Launch the installer and complete the installation.

- Execute the downloaded file and proceeds the installation.
- Notes:
 - For license key, please check your email box, you should receive a license key for Choregraphe. The license key is given to you by registering the developer program.
 - If you use Mac, double click the file may not open the file. Instead, try right mouse click to open the context menu and select "Open", you will be then able to open the file.

5. Find [C] icon on your desktop and make sure it brings up Choregraphe.



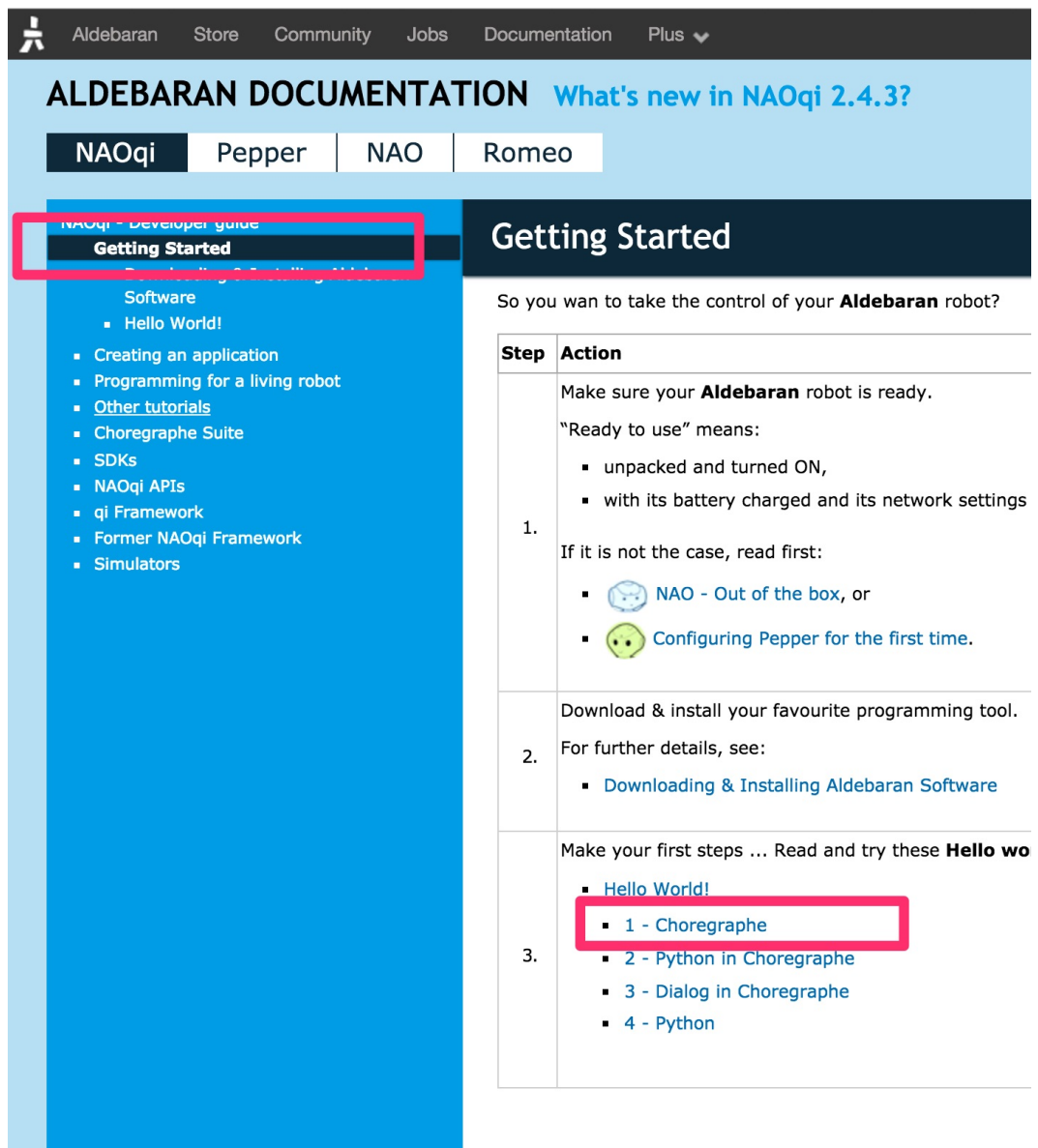
You are now ready for developing Pepper apps!

Learning resources:

Online help:

1. Open Choregraphe's Help menu and navigate:

Choregraphe -> Getting Started -> Choregraphe.



The screenshot shows the Aldebaran Documentation website. The top navigation bar includes links for Aldebaran, Store, Community, Jobs, Documentation, and a Plus menu. Below this, the main header reads 'ALDEBARAN DOCUMENTATION' with a link for 'What's new in NAOqi 2.4.3?'. A secondary navigation bar allows switching between NAOqi, Pepper, NAO, and Romeo. On the left, a sidebar menu for NAOqi - Developer guide is visible, with 'Getting Started' highlighted. The main content area is titled 'Getting Started' and asks if the user wants to take control of their Aldebaran robot. It provides a step-by-step guide:

Step	Action
1.	Make sure your Aldebaran robot is ready. "Ready to use" means: <ul style="list-style-type: none">▪ unpacked and turned ON,▪ with its battery charged and its network settings If it is not the case, read first: <ul style="list-style-type: none">▪ NAO - Out of the box, or▪ Configuring Pepper for the first time.
2.	Download & install your favourite programming tool. For further details, see: <ul style="list-style-type: none">▪ Downloading & Installing Aldebaran Software
3.	Make your first steps ... Read and try these Hello wo <ul style="list-style-type: none">▪ Hello World!<ul style="list-style-type: none">▪ 1 - Choregraphe▪ 2 - Python in Choregraphe▪ 3 - Dialog in Choregraphe▪ 4 - Python

2. Start from the “Let’s do it” section. If you don’t have robot you can connect to at that moment, skip the “Connect to” part, then you can test them on the virtual robot.

ALDEBARAN DOCUMENTATION What's new in NAOqi 2.4.3?

NAOqi | Pepper | NAO | Romeo

NAOqi - Developer guide

- Getting Started
 - Downloading & Installing Aldebaran Software
 - Hello World!
- 1 - Choregraphe**
 - 2 - Python in Choregraphe
 - 3 - Dialog in Choregraphe
 - 4 - Python
- Creating an application
- Programming for a living robot
- Other tutorials
- Choregraphe Suite
- SDKs
- NAOqi APIs
- qi Framework
- Former NAOqi Framework
- Simulators

Hello World 1 - using Choregraphe

On this page

Audience

Level	All beginners	Time	5 min
OS	Linux - Windows - Mac	Preparation	15 min

Preparation time is given for the case you have to install tools prior the tutorial.

Before starting

- Make sure you have a robot ready to use. Otherwise, read [NAO - Out of the box](#) or [Configuring Pepper for the first time](#).
- Make sure **Choregraphe** is installed on your computer. If it is not the case, see [Installing Choregraphe suite](#).

Let's do it

Step	Action
1.	Start Choregraphe . Click the Connect to button and connect Choregraphe to your robot.
2.	

Other resources:

- Aldebaran web document page:
 - <https://community.aldebaran.com/en/resources/documents/>
- Aldebaran community forum:
 - <https://community.aldebaran.com/en/forum>