

How to use NAO and NAO Activities



TUTORIAL

Licence activation

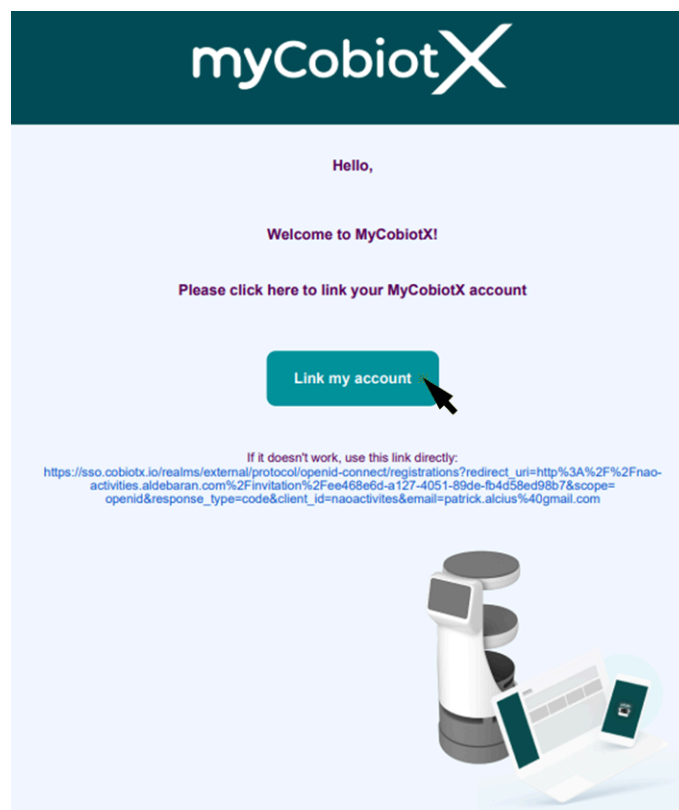
Step 1/3

A - Open invitation email *"Welcome to MyCobiotX!"* from: **no-reply@cobiotx.com**

Note: check Spam mail

B - Click on the "Link my account" button

Note: if this does not work, use the link under the text.



Licence activation

Step 2/3

C - Next, you'll be directed to the **MyCobiotX website**.

- Enter your first **name**, last **name**, and **password**
- Then, click on “**Continue**” button.

**Welcome
to MyCobiotX !**

Enregistrer votre compte

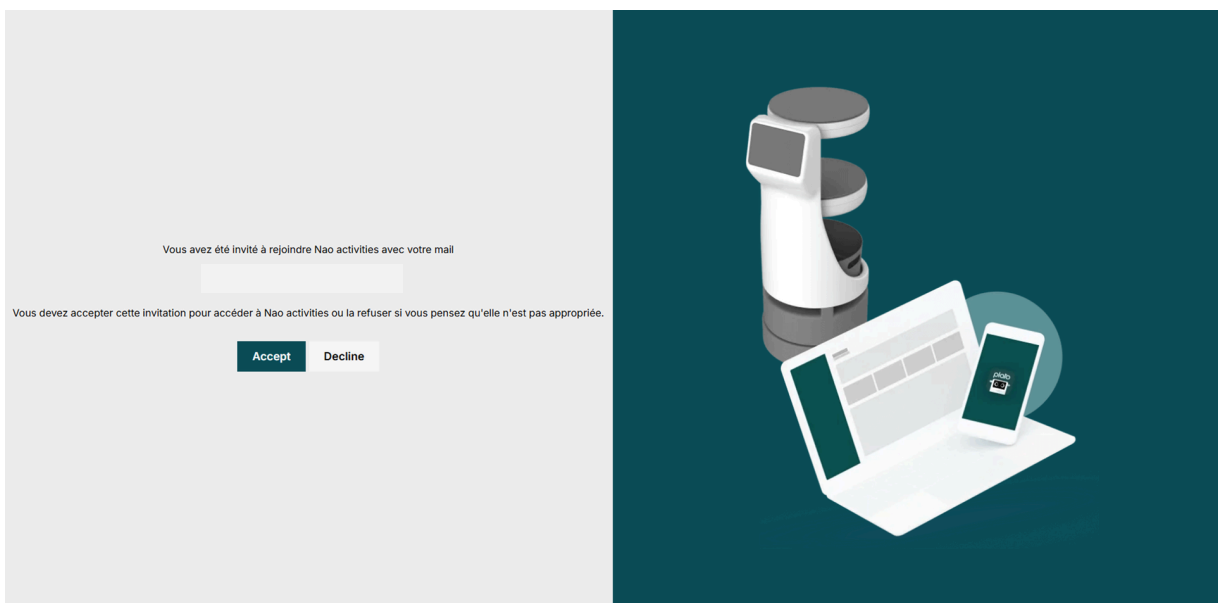
Prénom  Prénom	Nom  Nom
Adresse e-mail Name.lastname@YourOrganisation.com	
Mot de passe  Mot de passe Show	
Confirmation du mot de passe  Confirmation du mot de passe Show	
Continuez  	

Licence activation

Step 3/3

D - Next, you'll be directed to the NAO Activities website (⚠ note: it's not HTTPS-secured).

- Click "Access to Website" first,
- then "**Accept**" to confirm the invitation.



To log in next time, use this link:
<http://nao-activities.aldebaran.com>

1 First installation

A - Take NAO out of its box

Place NAO seated, elbows on knees

B - Turn on NAO

Press the chest button for 3 seconds



C - Connect NAO to the Internet

Plug an Ethernet cable into the back of NAO's head, then plug the cable into an Ethernet socket in your classroom or into a computer connected to Wi-Fi (depends on the computer model)

2 First installation

D - Access its settings

Once connected, press the chest button once, NAO will say its internet address.

Open a web page and type in the address that NAO gives you.

Example: <http://190.120.10.196>

Username: nao

Password: nao

Note: your computer must be connected to the same Internet network as NAO

3 First installation

E - Change its settings

Like the volume or choose your WIFI network to do without the Ethernet cable.

Please note, **if you change the Internet network, NAO will change the Internet address**, you will have to repeat step D.

(A restart might be necessary.)

Note: This is where you can change the language of NAO to use the foreign language learning activities

4 First installation

Check that:

- NAO is sitting with stability
- NAO is on (its LEDs are on)
- NAO is connected to the Internet (it has an internet address)
- NAO has suitable parameters (he speaks your language and at an appropriate volume)



5 NAO Update

A - Download RobotSettings software for your operating system. 🖱️

<https://aldebaran.com/en/support/kb/nao6/downloads/nao6-software-downloads/>

B - Open RobotSettings

C - Be sure NAO and your computer are connected to the same network

D - On connection page, **look for your robot or enter its IP address**

Connectez-vous à NAO en le sélectionnant dans la **liste des robots** ci-dessous :

Liste des robots		+ AJOUTER MANUELLEMENT UN NAO
NOM		DERNIÈRE CONNEXION ↓
 spiderman IP 10.0.206.43 / nom d'hôte spiderman.local:9559		12/02/2025
 kiwi IP 10.0.206.213 / nom d'hôte kiwi.local:9559		12/02/2025
 nao IP 10.0.164.10 / nom d'hôte nao.local:9559		11/02/2025

5 NAO Update

E - On the top part of RobotSettings a a pop-up appears saying that an update is available. **Click on the Update button.**

UPDATES

A NAOqi update is available (2.8.8.1)

HIDE

UPDATE

The update is carried out directly on the robot and may ***take up to one hour***.

F - Then, **follow the instructions on RobotSettings** to complete the update.



**The update is installed.
Enjoy NAO Activites!**

5 NAO Update

⚠ If you dismissed the “**UPDATES**” window, the pop-up will reappear at each connection.

⚠ After the update, the robot may incorrectly announce an older version (*below 2.8.8*). Check the installed version on the RobotSettings page via the “**SETTINGS**” or “**UPDATES**” tab.

SETTINGS

ROBOT INFORMATION		
Robot information	Robot name:	nao
	NAOqi version:	2.8.8.0

UPDATES

Applications ready to be installed or updated are listed below.
You can add other applications to your account by going to the [SoftBank Robotics Store](#).

No updates REFRESH

NAOqi version: 2.8.8.0

2 modes are available

By default, Applications mode is enabled when turned on. The foot LEDs are off



Green foot LEDs

= NAO Activities (AI) mode activated

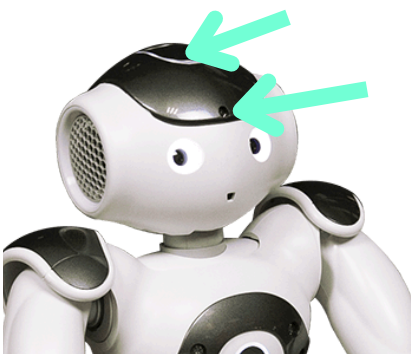
Foot LEDs off

= programmed applications mode

2 modes are available

To start NAO Activities mode, press both feet once at the same time. The LEDs on the feet turn green.

To exit NAO Activities mode (green feet), place your hand on NAO's forehead, hiding its camera, and press the 1st button for 3 seconds (you should hear 2 bleeps).



Bloop!
Bloop!

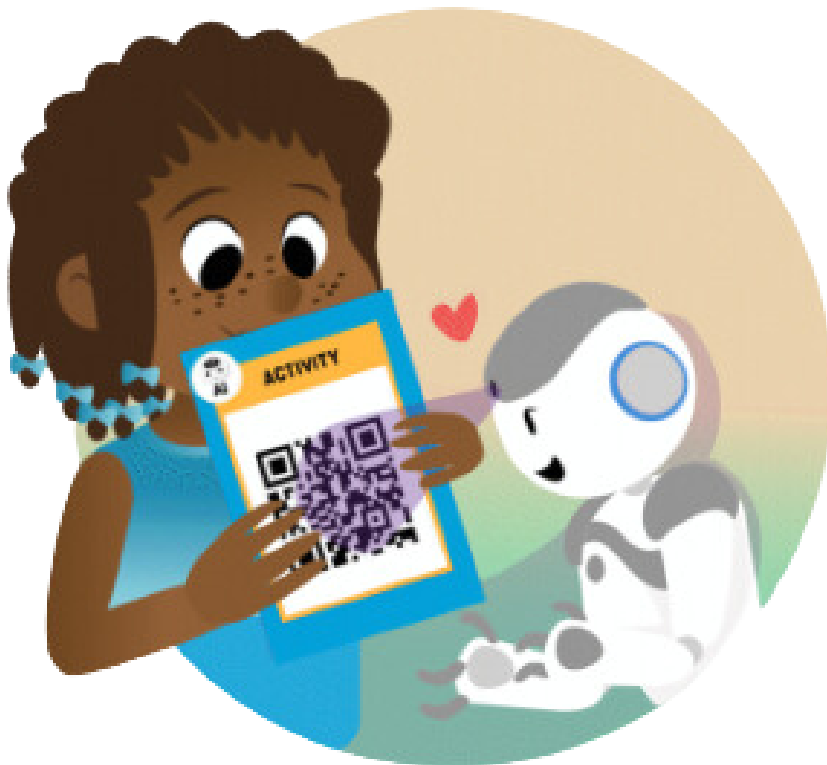
The LEDs on the feet turn off

NAO Activities mode (green feet)

Press the bumpers of both feet to launch NAO Activities

Take the activity card of your choice and show the QR code to NAO.

Wait a few moments for NAO to start the conversation.



Note: NAO must be connected to the Internet via WIFI or Ethernet and its feet must be green

NAO Activities mode (green feet)

Tips:

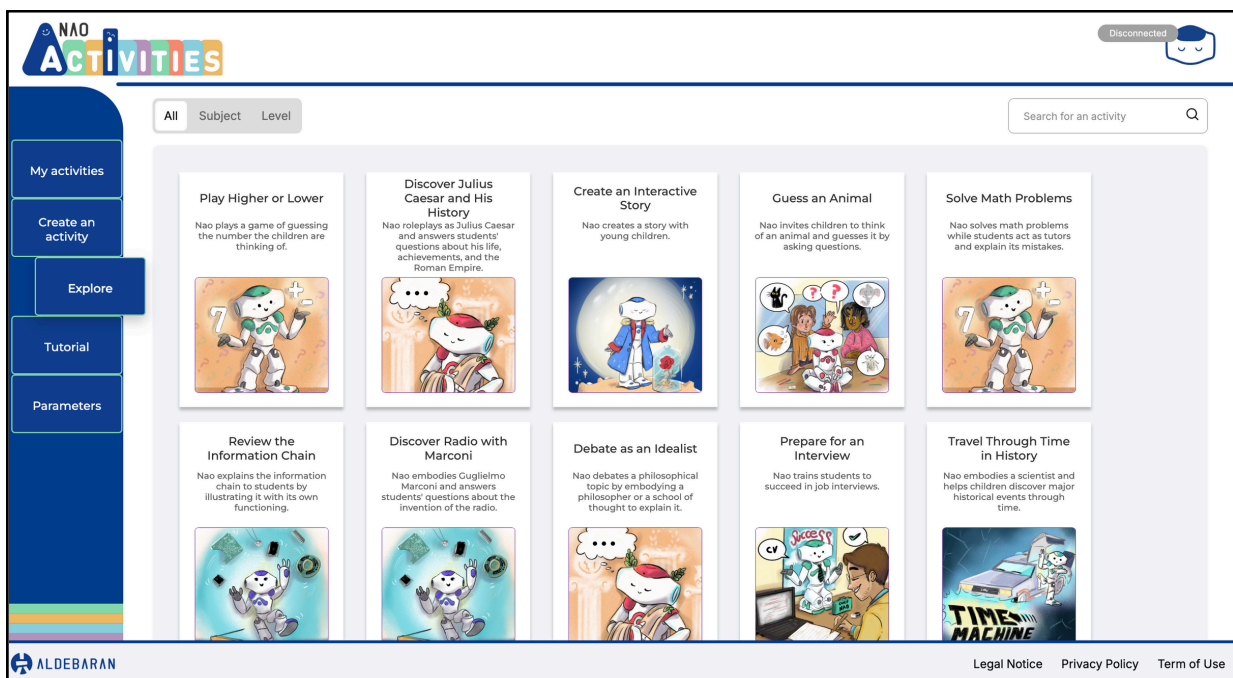
- Talk to NAO when its eyes turn blue, it means he is **listening**. Stay in front of him.
- When NAO nods it means he **heard** what you said.
- When NAO has green eyes, he **understood** what you said and will answer you.
- During activity, when NAO speaks, you can **interrupt** him by touching its head

NAO Activities mode (green feet)

Test the activities library

Connect on:

<http://nao-activities.aldebaran.com/>



Connect to your NAO from the "Disconnected" button in the top right corner. You can launch the activity on NAO from the interface, print the card or show it from your phone.

Note: your computer must be connected to the same Internet network as NAO

NAO Activities mode (green feet)

Chrome or Edge user?

You need to disable a blocking setting to access NAO Activities website:

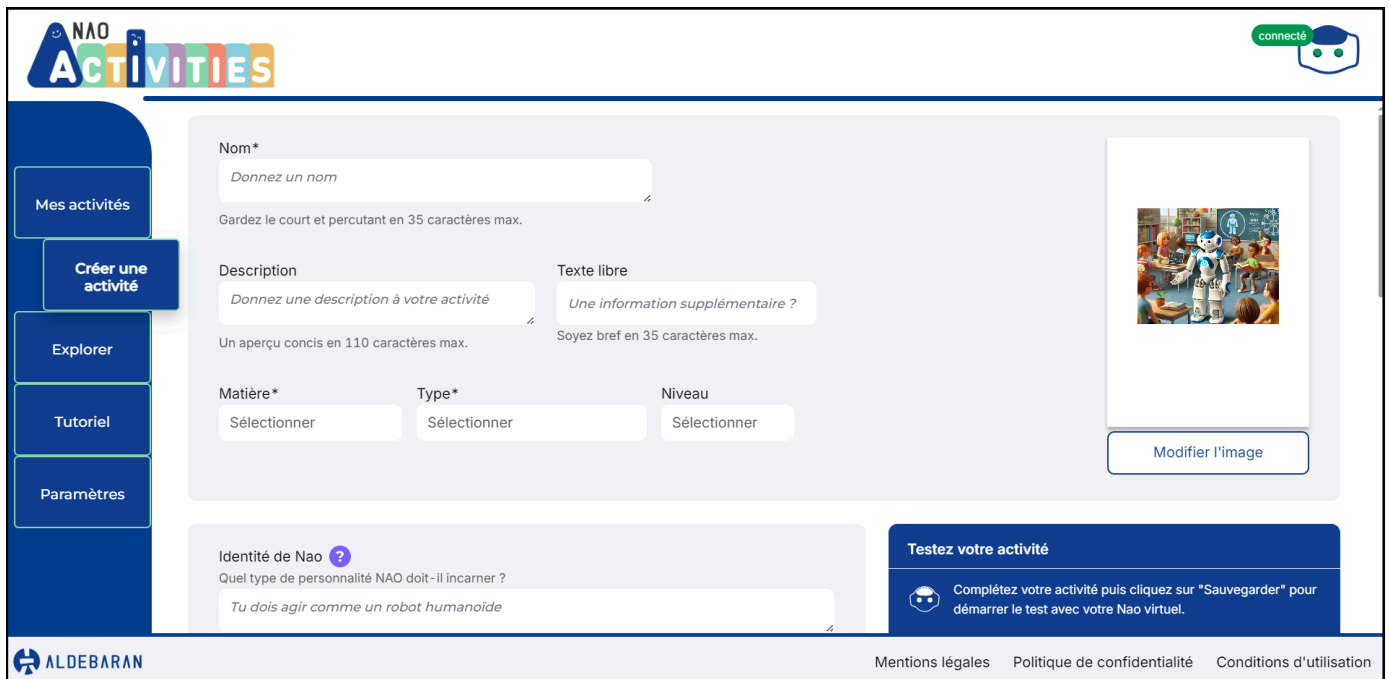
1. Open your Chrome or Edge browser.
2. Type the following address into the address bar: **about://flags**
3. Search for the flag: **#block-insecure-private-network-requests**.
4. Click on the dropdown menu next to this flag and select "**Disabled**".
5. Restart your browser to apply the changes.

NAO Activities mode (green feet)

Create your own activity

Connect on:

<http://nao-activities.aldebaran.com/>



The screenshot shows the 'NAO ACTIVITIES' website interface. On the left is a blue sidebar with buttons: 'Mes activités', 'Créer une activité' (highlighted), 'Explorer', 'Tutoriel', and 'Paramètres'. The main content area is a light blue form titled 'Créer une activité'. It contains several input fields: 'Nom*' with a placeholder 'Donnez un nom' and a 35-character limit; 'Description' with a placeholder 'Donnez une description à votre activité' and a 110-character limit; 'Texte libre' with a placeholder 'Une information supplémentaire ?' and a 35-character limit; 'Matière*' with a 'Sélectionner' dropdown; 'Type*' with a 'Sélectionner' dropdown; and 'Niveau' with a 'Sélectionner' dropdown. There is also an 'Identité de Nao' section with a question 'Quel type de personnalité NAO doit-il incarner ?' and a placeholder 'Tu dois agir comme un robot humanoïde'. On the right, there is a preview image of a NAO robot in a classroom setting with a 'Modifier l'image' button below it. At the bottom right, a blue button 'Testez votre activité' is visible, with a note: 'Complétez votre activité puis cliquez sur "Sauvegarder" pour démarrer le test avec votre Nao virtuel.' The footer includes the 'ALDEBARAN' logo and links for 'Mentions légales', 'Politique de confidentialité', and 'Conditions d'utilisation'.

Go to “**Create an activity**” to write the instructions. Then save and test it. Iterate until you are happy with NAO’s behavior.

Note: your computer must be connected to the same Internet network as NAO

Applications mode (feet off)

Discover the applications (made in C++, Python or Blocs) that are installed and do not require Internet

Wait until NAO is listening (its eyes turn blue) then say one of the following expressions:

"Hello" / "How are you?"

"Whats your name?"

"Speak loudly / softly"

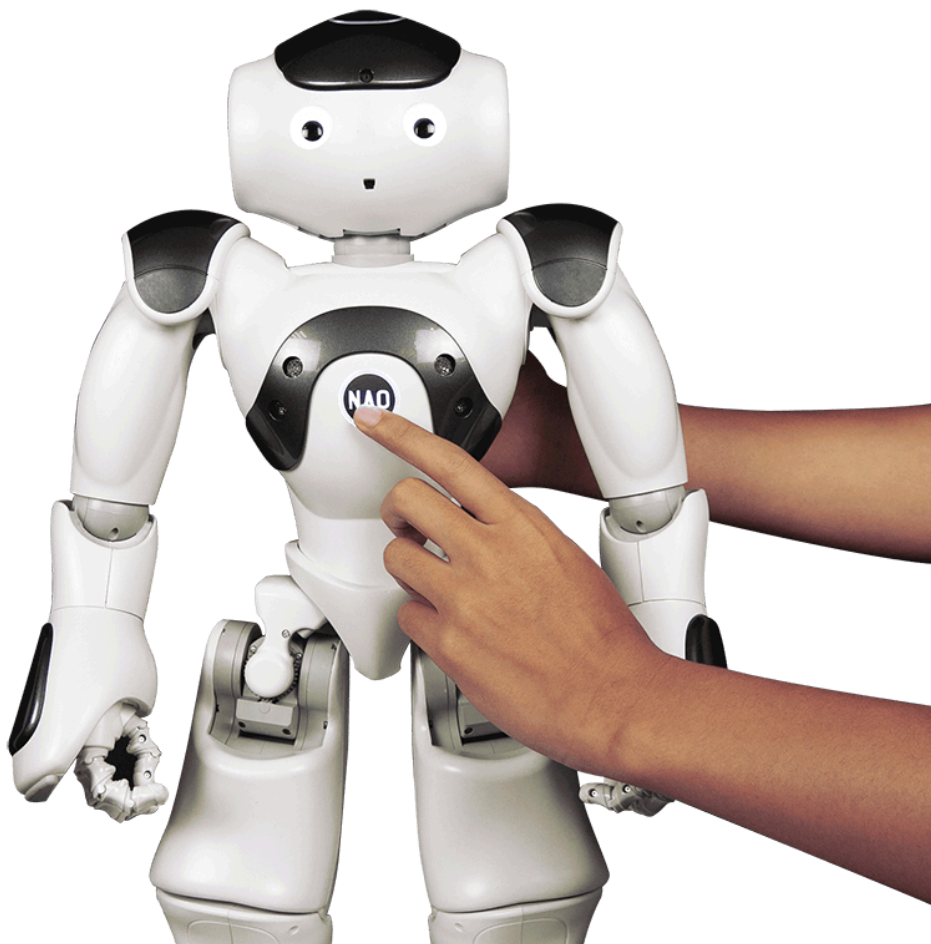
"Speak French"

"Stand up" / "Sit down"

Turning NAO On and Off

To **turn on** NAO, press the Chest Button once.

To **turn off** NAO, press the Chest Button until NAO says "Gnuk Gnuk" (~3 seconds).



Charging NAO

Plug in NAO when the battery is empty. It can still be used while charging.



A full battery can power NAO for **45 to 90** minutes, depending on what the robot is doing.

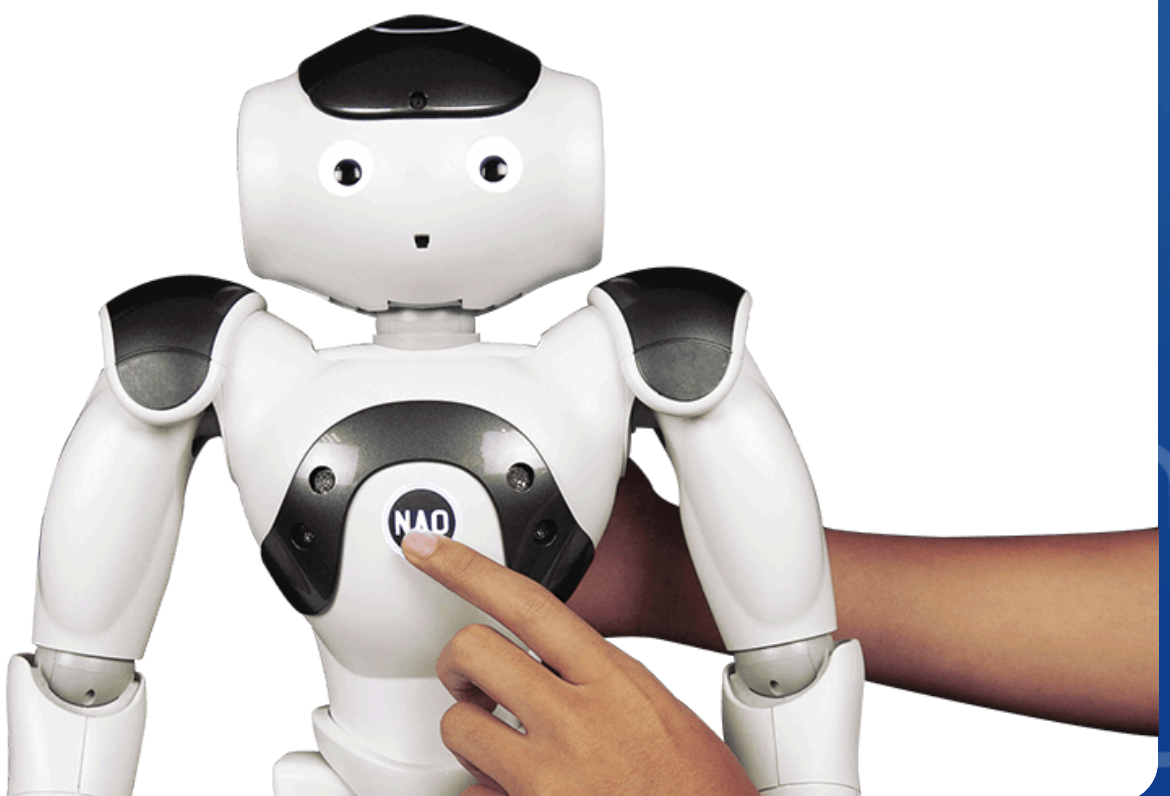
Put NAO in Rest mode

Press the Chest Button twice to **turn off NAO's motors.**

When the engines are off, you can transport it or change its position.

Press the Chest Button twice to **turn its motors back on.**

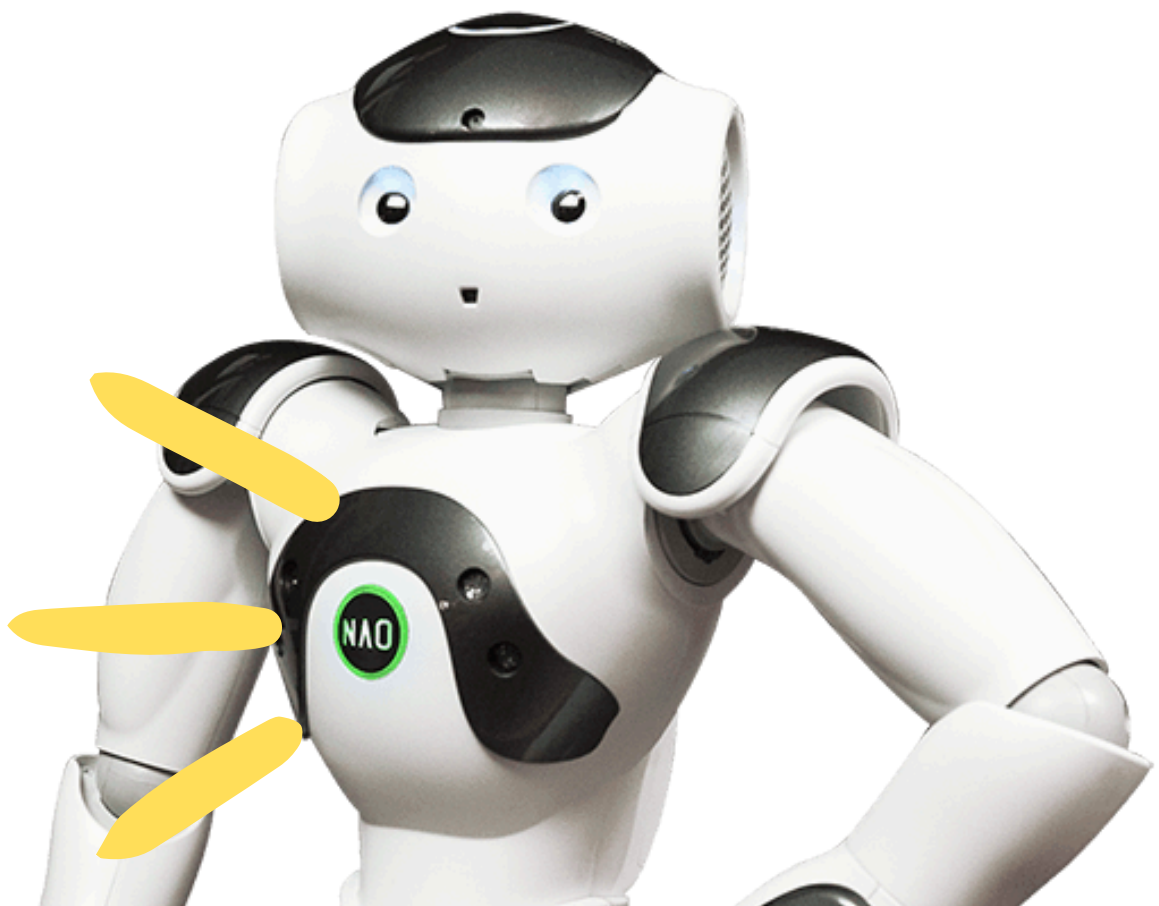
2x



Read a notification

The **Chest Button flashes** when there is a pending Notification.

Press the Chest Button once, NAO will tell you what the Notification is!



Manipulate NAO

Hold NAO by the waist to carry it without being pinched. Carry NAO in **rest mode**



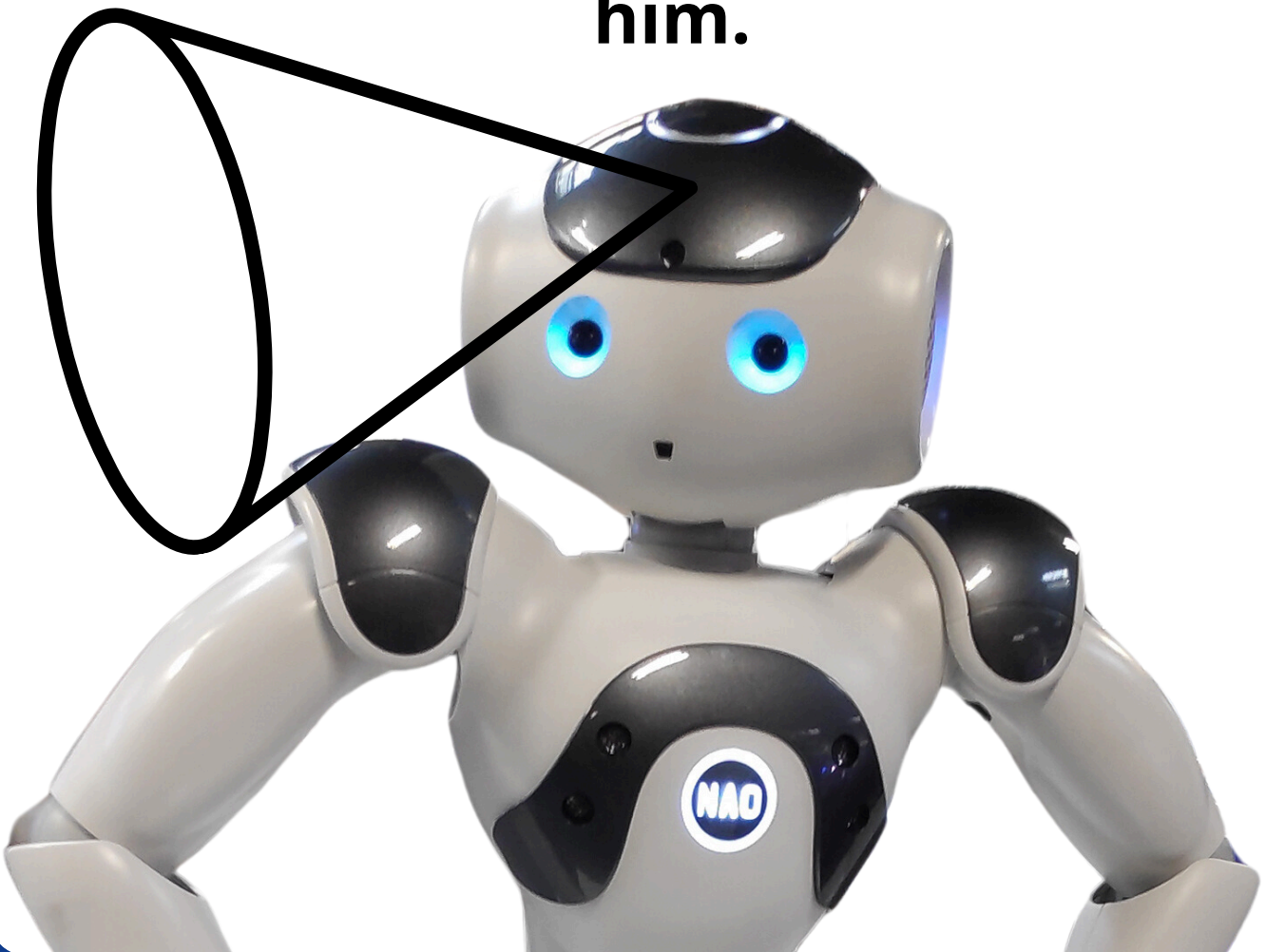
Have NAO seated, with its elbows resting on its knees

Talk to NAO

When NAO's eyes are blue, he is listening to you.

It's your turn to speak!

Stay in its field of vision when you speak, try to **speak loudly and face him.**



Change robot settings

Press the chest button once, NAO will say its internet address.

Open a web page and type in the address that NAO gives you.

Example: <http://190.120.10.196>

Username: nao

Password: nao

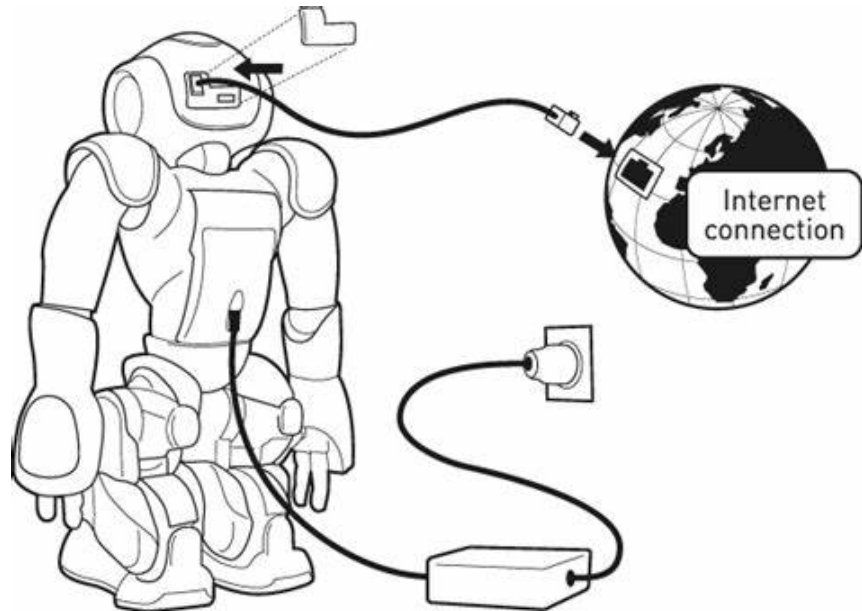
You arrive on the **NAO web page** where you can change its settings (volume, WIFI, language, etc.)

Note: your computer must be connected to the same Internet network as NAO

Connect NAO to the Internet

Via Ethernet cable:

Plug one cable into the back of NAO's head, then plug the other part of the cable into a network socket.

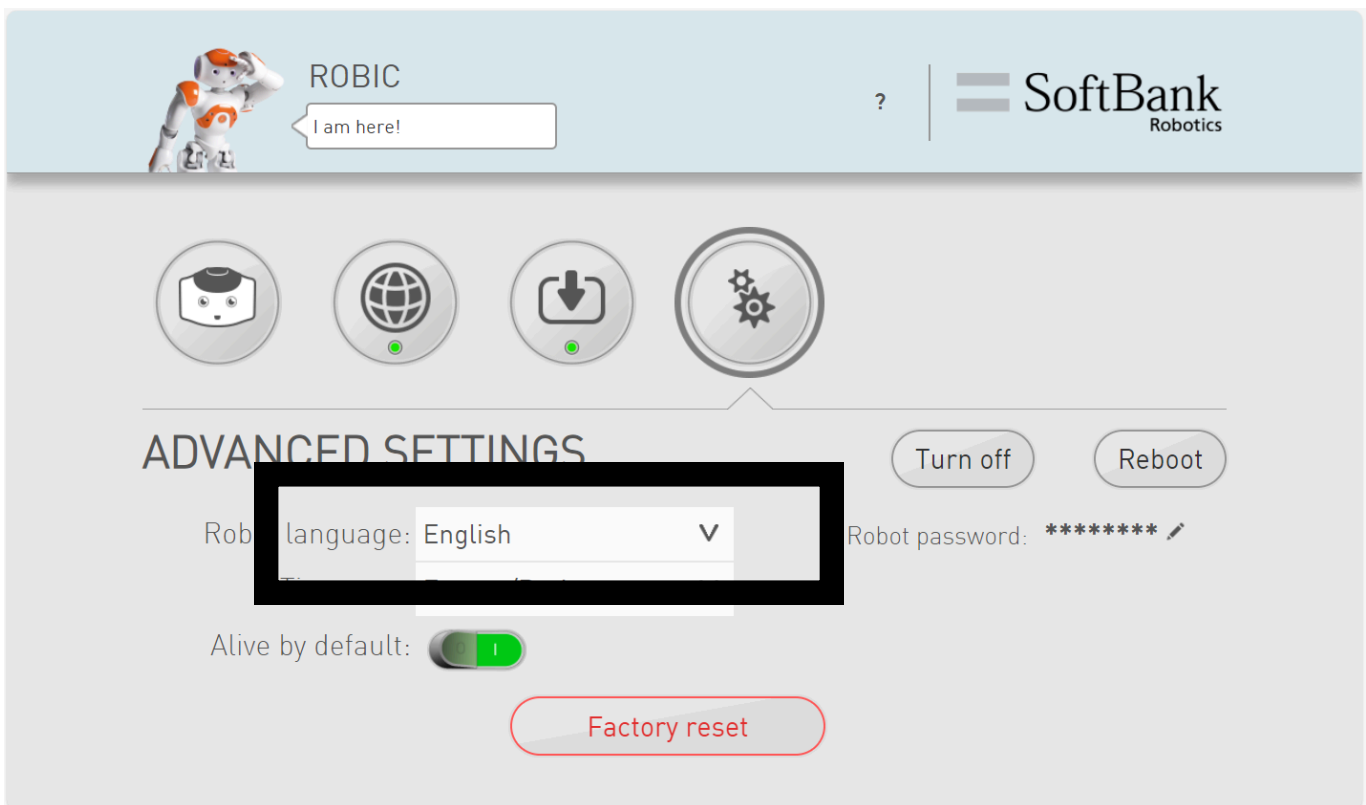


Via WIFI:

Once connected to Ethernet, **configure your WIFI in the NAO web page.** Be careful if you change the Internet network, NAO will change the Internet address, you will have to reconnect to its web page under another IP address. A reboot may be necessary

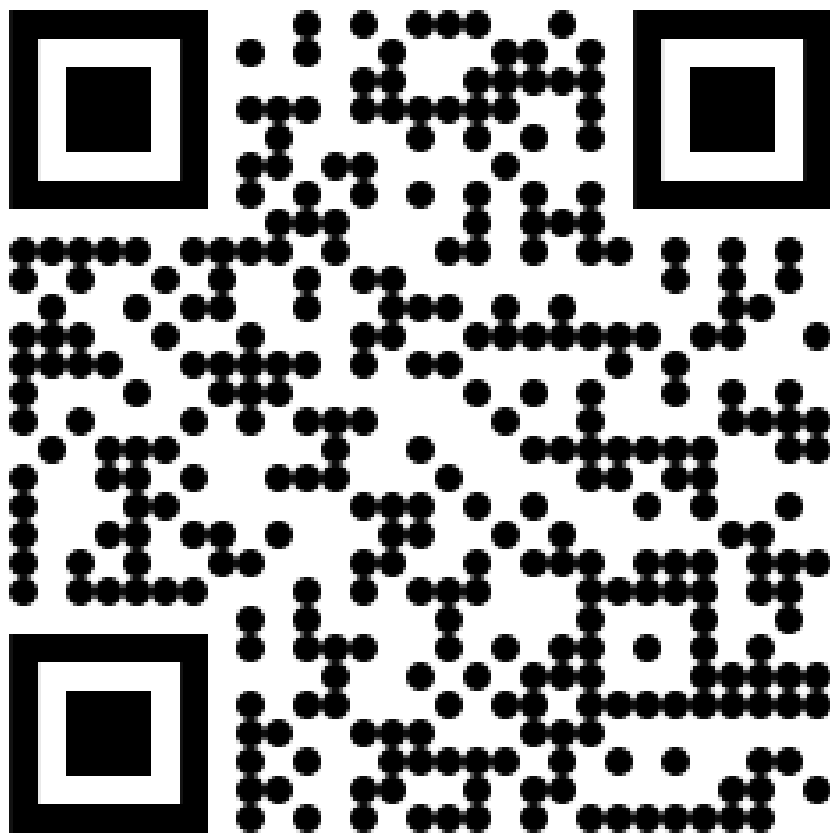
Change the language of NAO

Change language from the NAO webpage:



To use NAO and NAO Activities (*Once foot LEDs turn green*) in a foreign language:

- NAO must speak the right language
- The prompt must be written in the same language



Let's start creating exciting
activities together!

