

NAO

SLQ Wiki Fabrication Lab 2024/04/27 08:41

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The NAO humanoid robot is a very powerful tool for programming and robotics development. Part of its power lies with the [Choregraphe software](#) used to program the NAO.

Recommended Ages	Year 6+ (ages 13+)
Product Cost	\$15,000+
Where to Purchase	NAOs can be purchased from The Brainary

Product Requirements

- A PC/Mac is required

Loanable Kits

State Library has kits of this item available for loan to libraries within the Regional Libraries Queensland and Indigenous Knowledge Centres network. Libraries can place a reservation through the Aurora catalogue (availability is subject to existing reservations, loans and associated return dates).

The kits are for use by patrons within the library only, as part of supervised library programming. They will not be listed in the public online catalogue for personal reservation.

Please contact [Access Services](#), or phone 07 3842 9014 with any queries.

Use In Libraries

Add any cases of the item being used in libraries and if any grants where used to obtain the item. Separate each library using ====Library Name====. Delete this section if there are no cases.

Activities

- [NAO Cadet](#) - A Choregraphe app paired with apps for Android or iPads that allow block-based coding of the NAO
- [Messagebot](#) - A project to engage Aboriginal and Torres Strait Islanders within your community to build their digital skills through programming cultural content

Resources

Note that Choregraphe 2.1.4 no longer works on MacOS Catalina.

Choregraphe License Key: 654e-4564-153c-6518-2f44-7562-206e-4c60-5f47-5f45

Guides

[NAO User Guide](#)

[NAO Technical Guide](#)

[Keyframe Programming](#)

Choregraphe Apps

- | | |
|---|-------------------|
| | gangnamstyle.zip |
| - NAO performs Gangnam Style dance | |
| | macarena.zip |
| - NAO dances the Macarena | |
| | tai_chi_chuan.zip |
| - NAO asks and shows participants some Tai Chi routines | |

Videos

Choregraphe Basic Tutorials: [Robo Phil Channel](#)