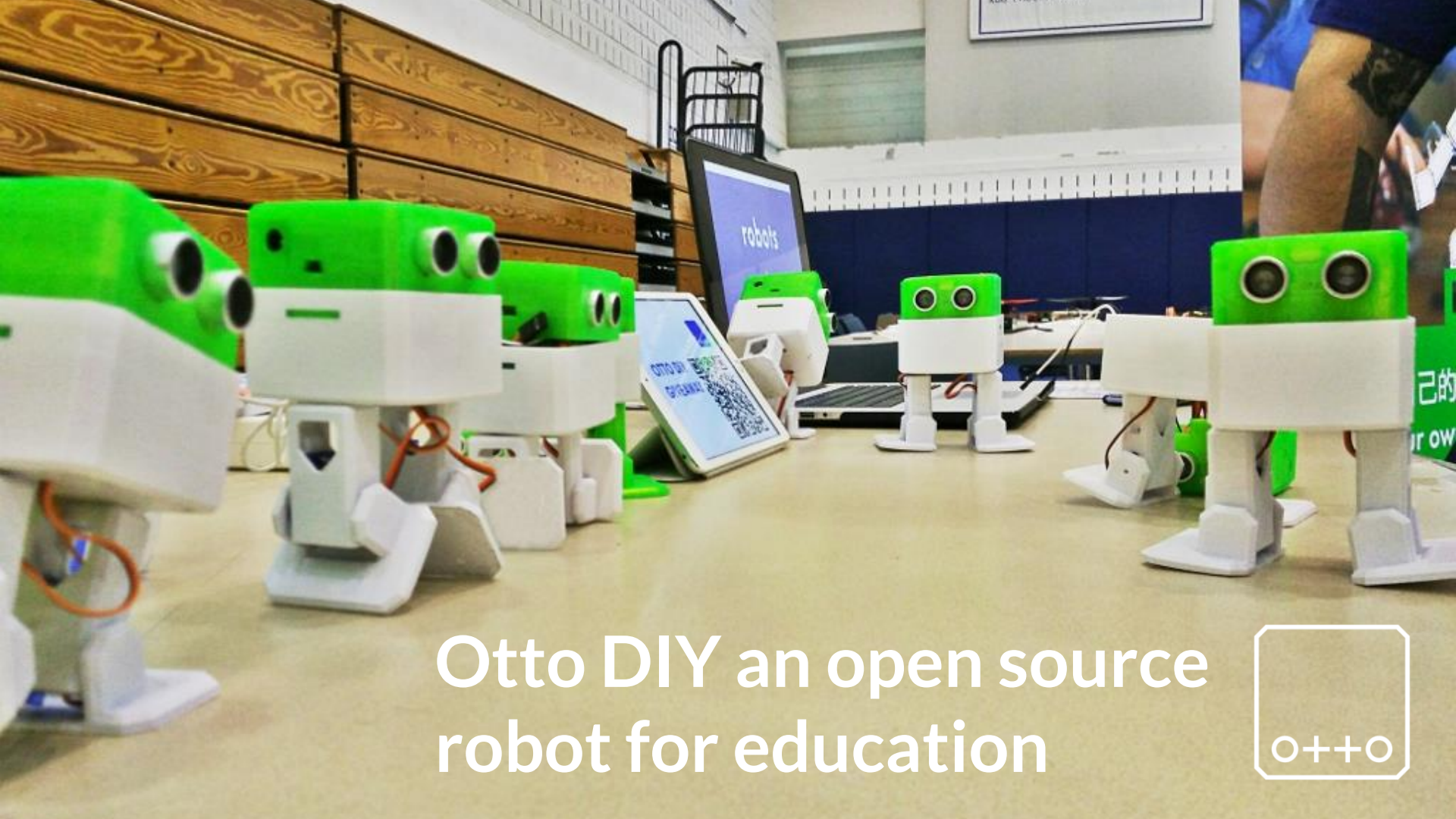


Otto DIY an open source robot for education

Team

Design Engineer & Founder

Camilo Parra Palacio

Creator of Otto robot and toy designer for over 8 years

Finance Officer, Educator & Co-founder

Tereza Švarcová

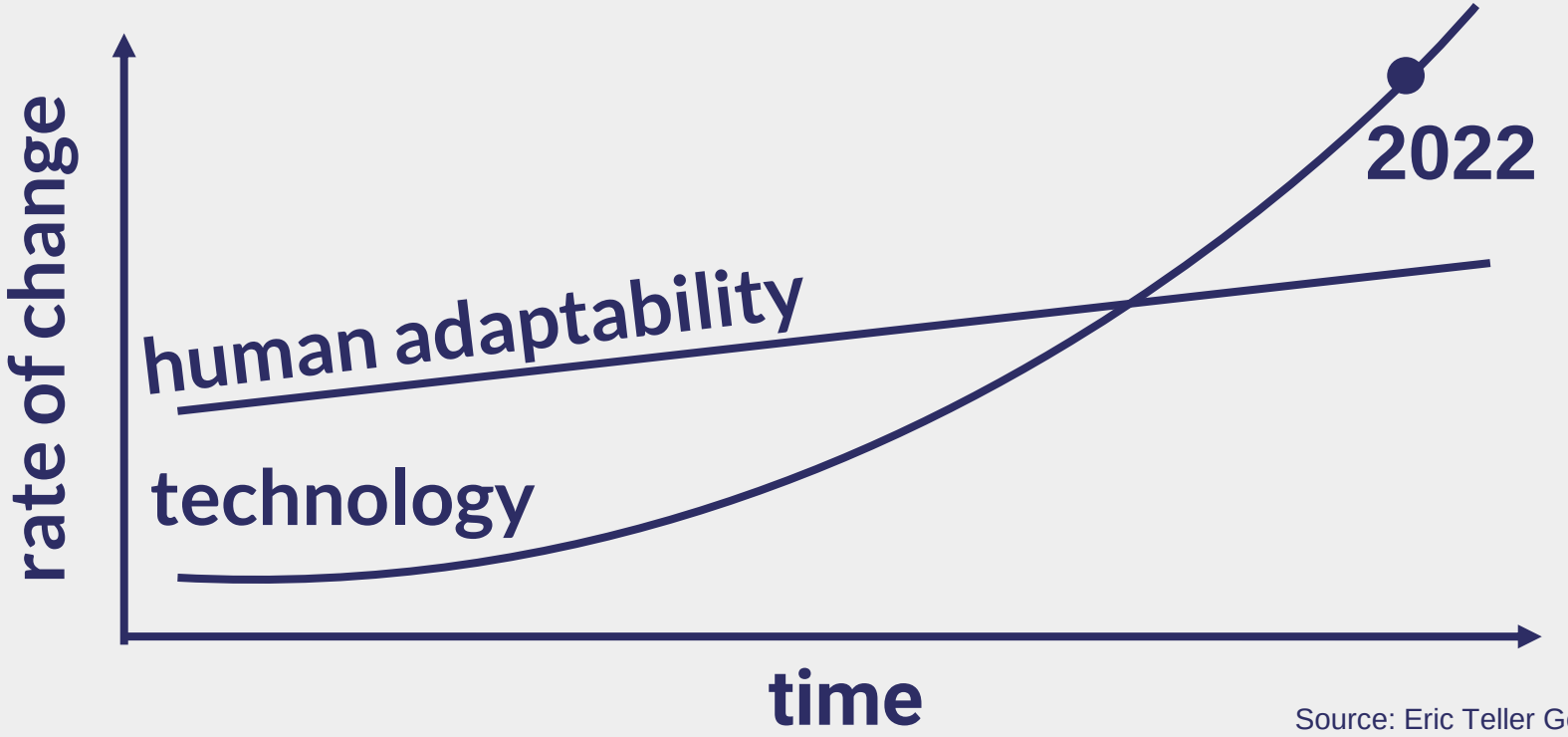
Fluent in at least 5 languages and dedicated to education

Business Director

Ethan Clime

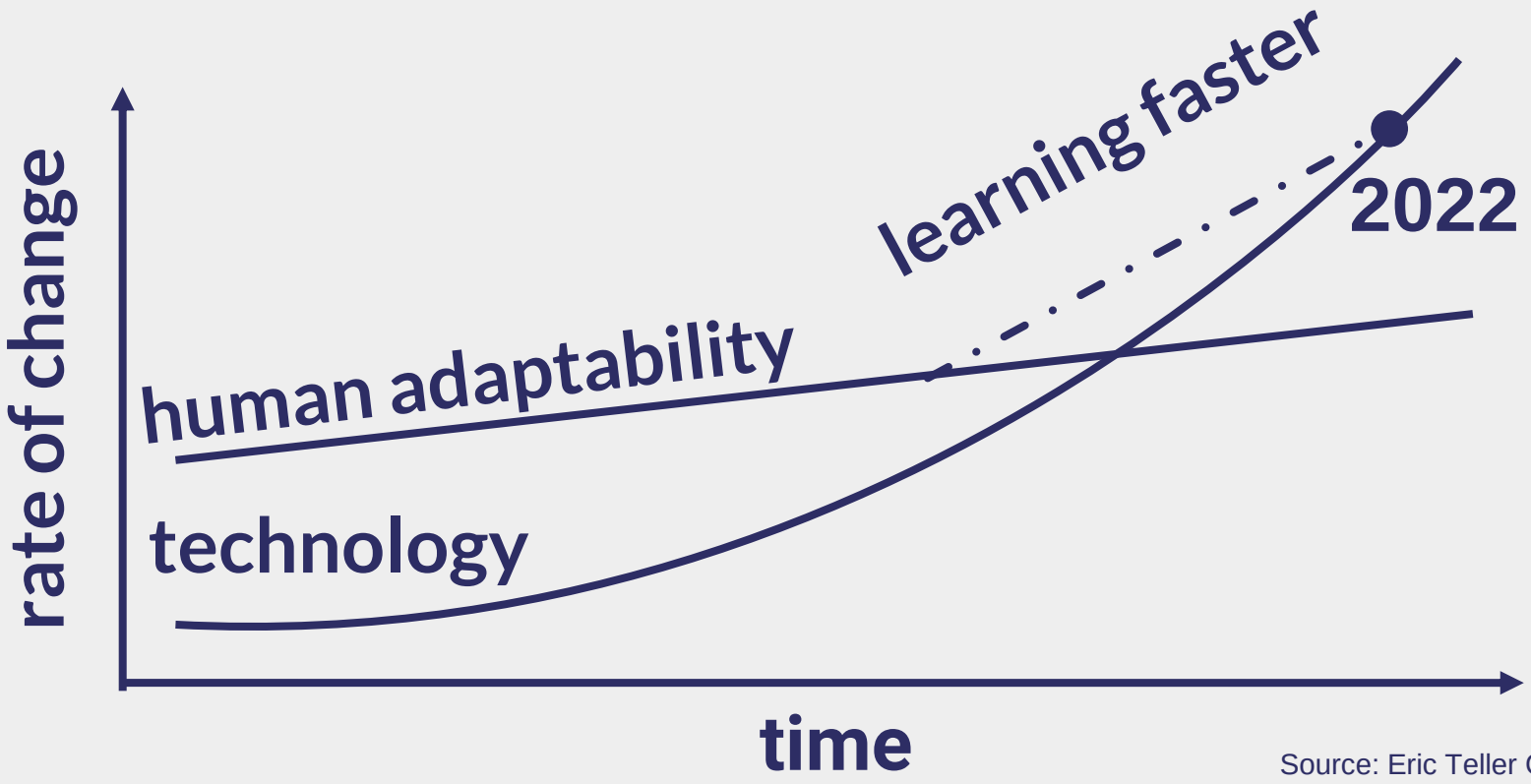
Sales & marketing expert with 10 years of experience

Current Problem



Source: Eric Teller GoogleXLab

Solution



Source: Eric Teller GoogleXLab

The path to become creator

Maker Kit

3D printing at home or school

Electronic kit

3D print your own robot

Builder Kit

+7 ages

Full **robot kit**

Fun and **easy assembling**

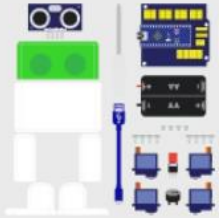
Otto Academy

Learn **robotics, coding, AI, engineering and design**

What can Otto do?

open source
limitless freedom

3D printable
in less than 5 hours



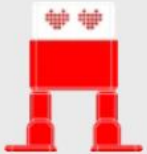
DIY
build in 1 hour

programmable
easy graphical coding

walk
& avoid obstacles

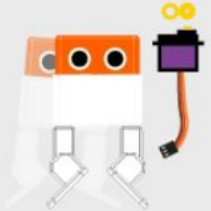
dance
multiple styles

beeps
& 8 bit melodies

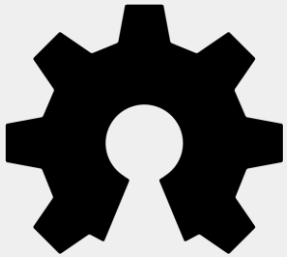


emotions
expressive LED eyes

+ bluetooth
FREE APP for all OS



+ stronger
metal gears servos



certification as open source hardware by OSHWA

hardware

Otto Builder

wikifactory

forum

Contribute with a new remix project or EDU content by just uploading files.

Otto Leader

3D + basic code, how to guides

Otto Inventor

Otto Educator

software

Otto Developer

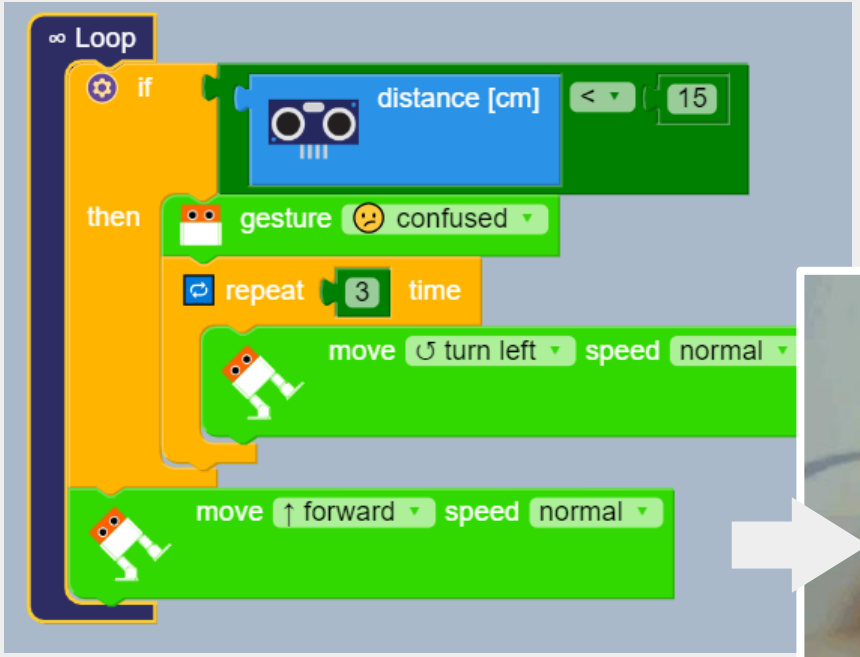
github

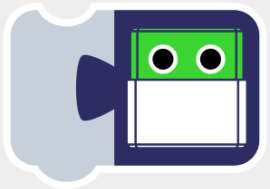
improve

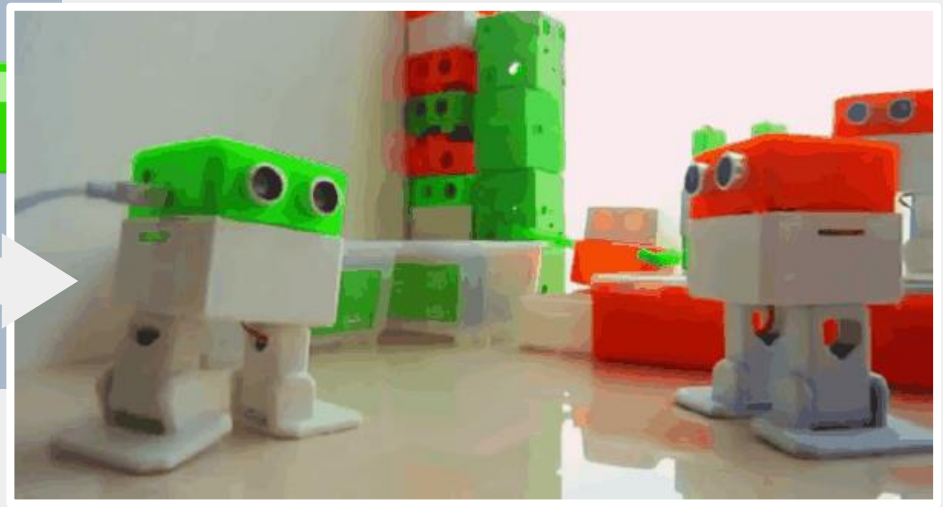
Contribute with new code via pull request.

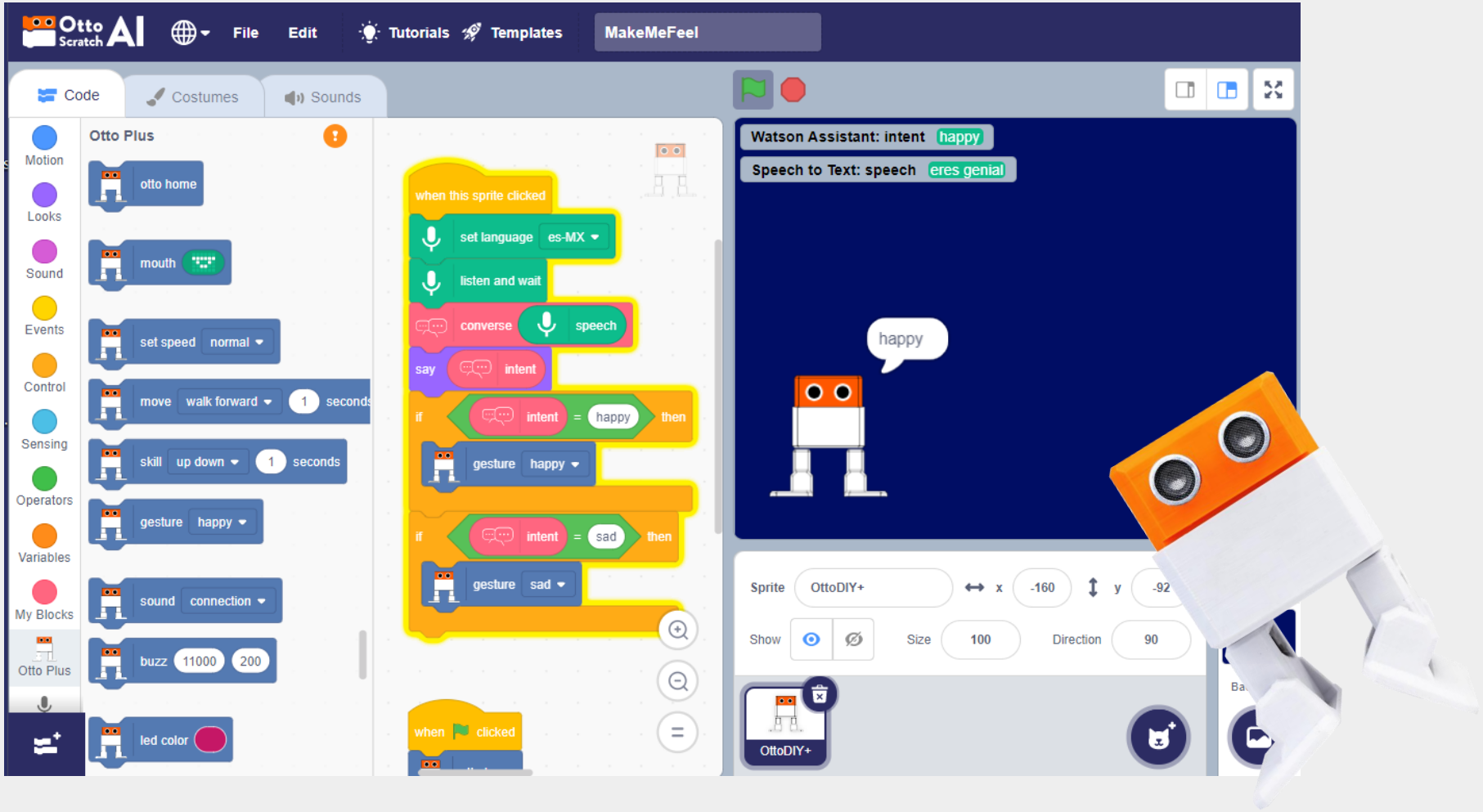
Libraries + code, Blockly & App

Graphical programming software








Otto Scratch AI
File
Edit
Tutorials
Templates
MakeMeFeel
Code
Costumes
Sounds
Motion
Looks
Sound
Events
Control
Sensing
Operators
Variables
My Blocks
Otto Plus
Otto Plus
otto home
mouth
set speed normal
move walk forward 1 seconds
skill up down 1 seconds
gesture happy
sound connection
buzz 11000 200
led color
when this sprite clicked
set language es-MX
listen and wait
converse speech
say intent
if intent = happy then
gesture happy
if intent = sad then
gesture sad
when clicked
Watson Assistant: intent happy
Speech to Text: speech eres genial
happy
Sprite OttoDIY+
x -160
y -92
Show
Size 100
Direction 90
OttoDIY+

Otto Builder community >15000 members in at least 70 countries, with presence in schools

over 100 remixes & replicated over 20K times

Encouraging the future generations to become creators

Otto At Home Interdisciplinar home education

Robot kits **in the hands of everyone!**

Otto Academy platform:

A complete **Learning Management System** with online **courses**, games, quizzes, **workshops**, forum, progress tracking, **certificates** and badges.

In our pillars for education, Design, Engineering and Coding + AI

Recycled plastic in local factories

Custom design and out the shelf electronics

Open education in constant innovation with the community

$ Purchase kits from online Store

$ Courses, Lessons & Membership

Otto At Home

Shipped worldwide

Families & Students

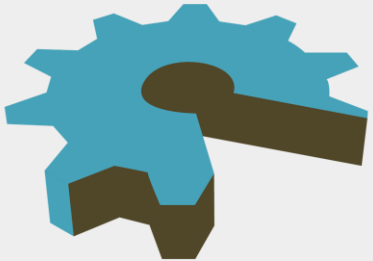
Maker & DIY Educators

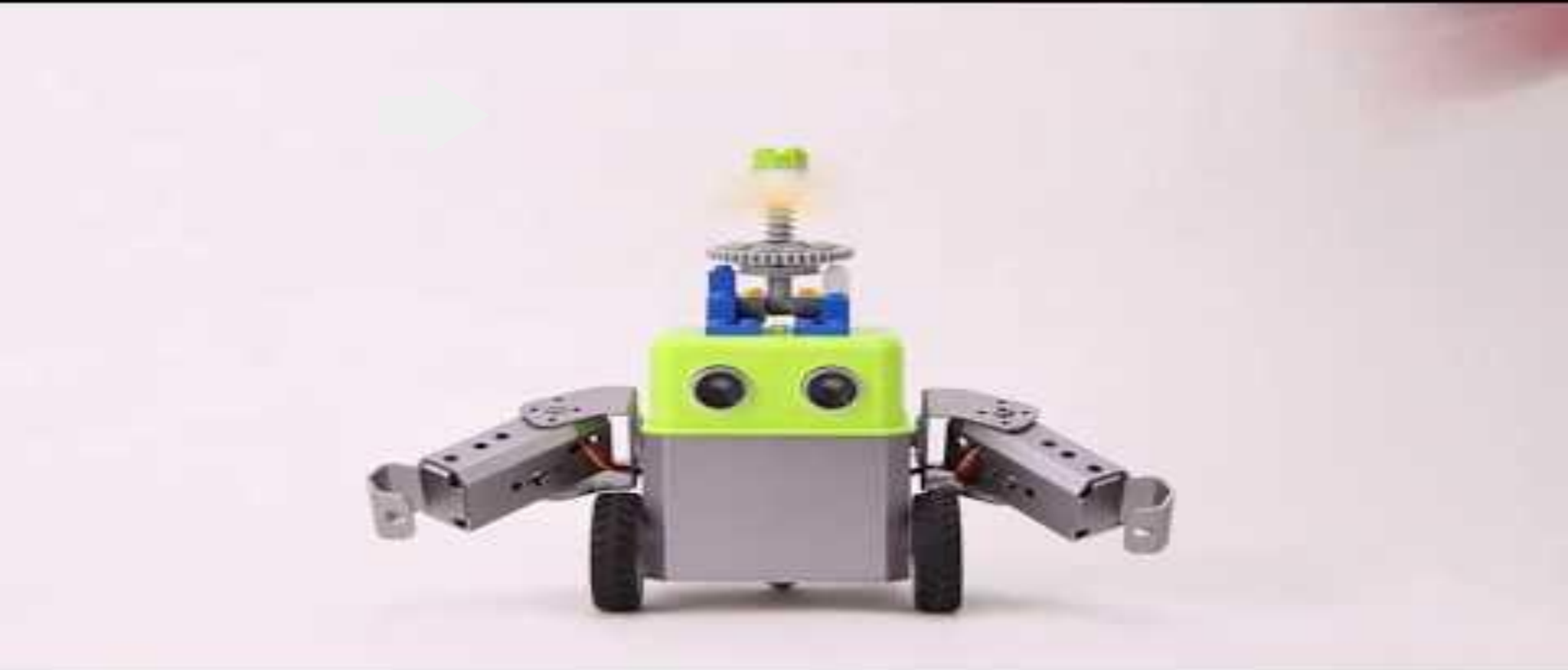
Verifiable skills & achievements

Collaborations

Wikifactory
Open Collaboration

Delft Open Hardware



Thanks!
ottodiy.com

Product video (3min)