

cue™

Your robot. Your rules.



Starter Guide

Meet Cue...

Welcome

Thanks in advance for helping us demonstrate our new **Cue** CleverBot. We hope you enjoy the experience.

About Cue

Cue is a clever robot that takes robot interaction to the next level. Tired of boring beeps and buzzes? Communicating with Cue is as easy as chatting with a friend. Send and receive text messages as you share jokes, games, memes, and more.

Four unique hero avatars allow you to choose the robot personality that is right for you. Receive one avatar for free and collect all four as additional in-app purchases.

Give Cue more advanced capabilities by building powerful programs at the skill level that's right for you. Easily convert between block-based programming or text-based code. Create dynamic graphical programs to make Cue react to sensor input with lifelike behaviors. With Control mode, you can directly pilot Cue or engage any of three Emotive AI modes as you seek, avoid, and explore.

Your robot. Your rules.



Meet Cue...

Cue is a clever and powerful robot that is full of personality. Four unique hero avatars allow you to choose the robot personality that is right for you.

Give Cue more advanced capabilities by building powerful programs at the skill level that's right for you. Easily convert between block-based programming or text-based code. Create dynamic graphical programs to make Cue react to sensor input with lifelike behaviors.

USER PROGRAMMABLE LEDS & BUTTONS

Customize your experience.

REAL TIME BLUETOOTH

Fast, easy connection to Apple iOS and Android smartphones and tablets.

IR RECEIVERS & TRANSMITTERS

Enables Cue to find & interact with other robots and IR beacons.

3 MICROPHONES & SPEAKER

Real time voice triangulation & personalized recording & playback.

DUAL MOTORS & POTENTIOMETERS

Supports head pan & tilt with accurate positioning.

3 PROCESSORS & SENSOR FUSION

Manages complex interactions among actuators & sensors – accelerometer, gyroscope, and wheel encoders.

3 PROXIMITY SENSORS

Detects objects left, right, and back at multiple distances.

2 POWERED WHEELS & ENCODERS

Quick navigation & precise distance tracking on nearly any surface.



Device Compatibility

Cue App Compatibility

A Bluetooth Smart/4/LE-enabled device is required to play with Cue. The Cue app supports a variety of these devices for iOS and Android.

iOS	Model	OS Version
Phones * (11)	<ul style="list-style-type: none">• iPhone 5, 5c, 5s, 6, 6+, 6s, 6s+, SE, 7, 7+• iPod Touch 6G	9.0+
Tablets (11)	<ul style="list-style-type: none">• iPad 9.7• iPad 3, 4• iPad Air 1, 2• iPad Mini 2, 3, 4• iPad Pro 9.7, 10.5, 12.9	9.0+
Android	Model	OS Version
Tablets (8)	<ul style="list-style-type: none">• Nexus 7 (2013)• Galaxy Tab S 10.5• Galaxy Tab 4 8.0, 10.1• Galaxy Tab E 9.6• Galaxy Tab A 8.0, 9.7, 10.1	5.0+
Phones (14)	<ul style="list-style-type: none">• Galaxy S4, S5, S6, S6 Edge, S6 Edge Plus, S7, S7 Edge• Nexus 5, 5X, 6, 6P• LG G4, G5• Google Pixel	5.0+
Kindle	Model	OS Version
Tablets (7)	<ul style="list-style-type: none">• Fire Kids Edition• Fire HD 6 (2014)• Fire HD 7 (2014)• Fire 7 (2015)• Fire HD 8 (2015)• Fire HDX 8.9 (2014)• Fire HD 10 (2015) <div>Available in November</div>	5.1.2+
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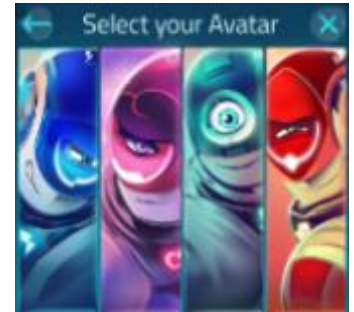
* **Note:** Until we complete performance optimizations with our Cue app in the final release, we don't recommend using iPhone 5, 5c, 5s or iPad mini 1 for testing.



Meet the Avatars

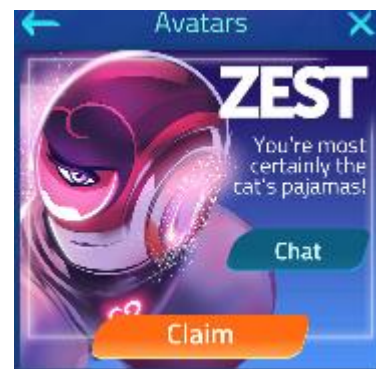
Customize Cue with an Avatar of your choice.

Choose your favorite avatar and explore an amazing depth of personality, expressions, and actions. Go beyond basic robotics with custom interactions that you'll create with Cue. Try chatting with each Avatar before selecting your favorite. Your first Avatar is free!



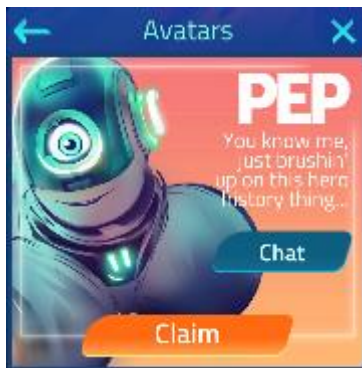
Smirk - Roguish Risk Taker

Smirk is a charming and boastful personality who loves to game the system. Smirk will gladly play competitively against or collaboratively for the user.



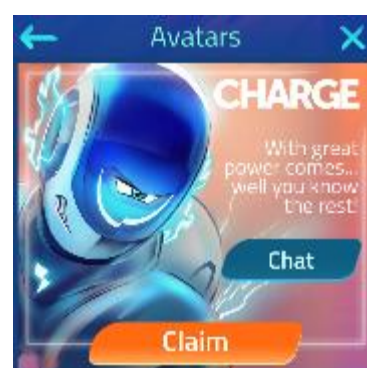
Zest - Flair Extraordinaire

Zest likes to show off and does everything with a bit more flair. Zest encourages the user to always add the extra effort to make their creations not only functional, but breathtaking.



Pep - Eager Achiever

Pep is super eager to give things a try, but is sometimes unsure of the outcome. Even when a mistake is made, Pep does a great job learning from the experience and sees the user as a fellow student looking to do the same.



Charge - Compassionate Commander

Charge was built to lead and sees leadership as a way to help others solve issues. Trouble is, Charge can sometimes become overwhelmed by the issues at hand and may need a little help from the user.

Enter the Lobby

Lobby Launchpad

Whatever your mission, you can launch it from the Lobby. Use the Lobby as the central hub for all of your adventures with Cue. You can program your robot with Create or Code!

Account Profile

Customize your profile and manage your account.

Robot Connection/ Avatar Selection

Switch Avatars and adjust your robot's settings

Create

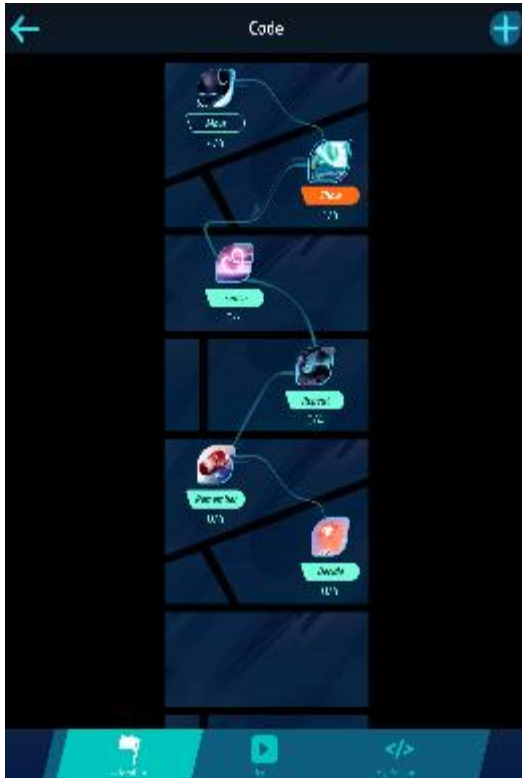
Build freestyle state machines with dynamic sensor input.

Code

Build programs using block commands or text.



Code: Try It Out!




Adventures

- Tape Code in the Lobby and select the Adventure section.
- Launch the Move challenge and follow the steps.
- Keep trying different adventures!
- Each adventure has 4 easy steps that will introduce you to different features of Code.



Demos

- You unlock your first demo once you complete the first adventure.
-  Tap on the instructions icon and follow the directions to play with your demos.
- You can revisit and try out your unlocked demos by selecting the Demos section.



Code: Level Up your Coding Skills



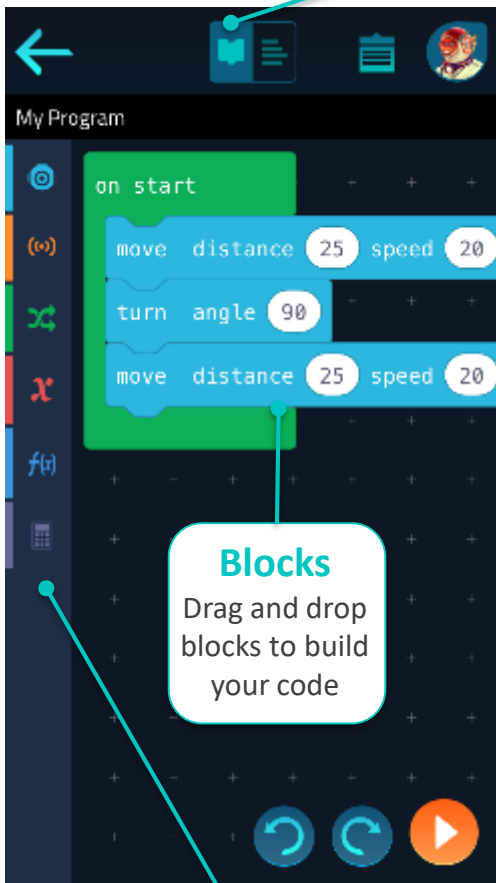
Select the My Programs section and create programs using Blocks and/or Javascript! You can toggle back and forth as you code as you level up your skills.

Block / Text

Quickly toggle back and forth between block commands and text code

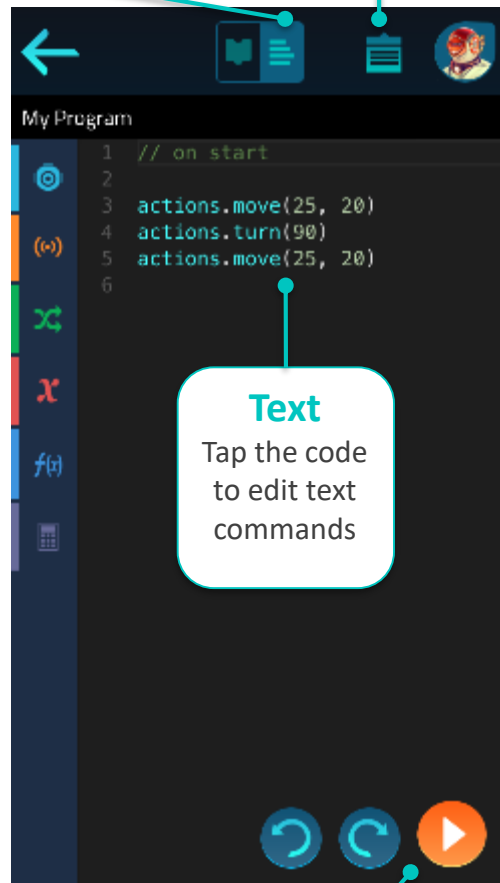
Coding Content

Improve your coding skills with 24 challenges and 6 demo programs



Blocks

Drag and drop blocks to build your code



Text

Tap the code to edit text commands

Code Toolbar

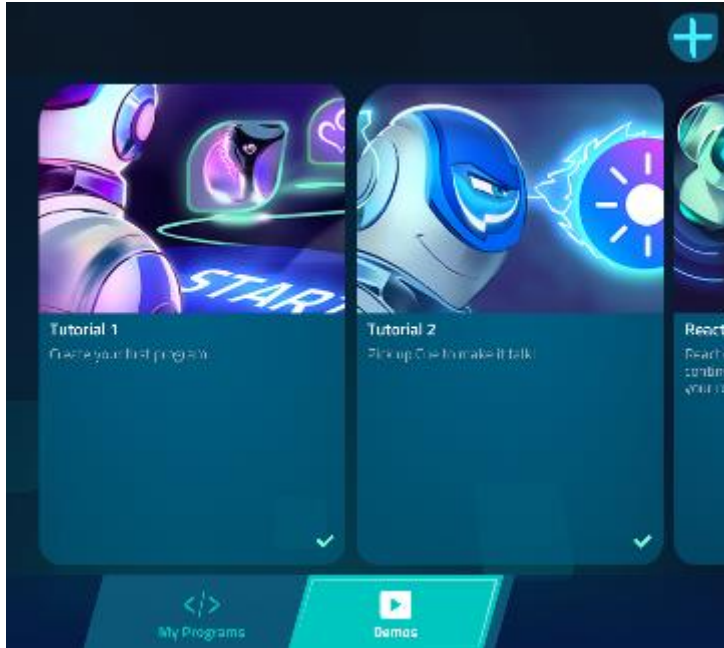
Build your code with a blend of Actions, Events, Control Structures, Variables, Math Operations, and Functions

Controls

Tap PLAY to run your program. Quickly edit your program with Undo/Redo buttons.

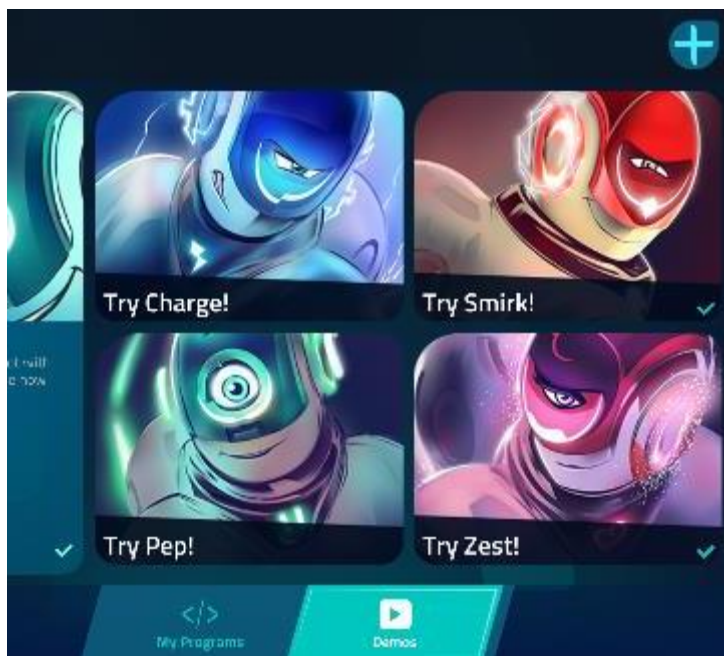


Create: Try It Out!



Tutorials

- Tap Create in the Lobby and select the Demos section.
- Go through the Tutorial 1 and Tutorial 2
- After you complete Tutorial 2, you'll unlock the Reactions demo.
- Try out the Reactions demo to see what you can do with Reactions!



Avatar Demos

- Scroll to the right and try out one of the avatar demos like “Try Smirk!” or “Try Zest!”
- Once the demo loads, run the program and follow the robot’s instructions.
- Customize the demo by changing the preset groups.



Create: Freestyle Fun



Select the My Programs section and explore the different ways you can program your robot with Create! Choose from 6 different Action categories and 80 built-in sounds plus 10 custom sound slots to bring your creative ideas to life.

Conditional Links

Use links to direct the flow of your program. Tap the link icon to change the triggering condition.

Groups

Use Groups to combine multiple Actions and run them at the same time.



Action Categories

Choose from a variety of Actions to make Cue move the body and head, activate lights, react to sensor input, and play sounds.

Easy Editing

Use intuitive touch controls to customize each Action.

Reactions

Use continuous sensor input in your programs to create lifelike behaviors

