

FIRST robot controller console **Blocks** **OnBotJava** **Manage**

Save Op Mode Download Op Mode

Op Mode Name: 1. Small Blue Autonomous Group:

LinearOpMode
Gamepad
Actuators
Sensors
Other Devices
Android
Utilities
Logic
Loops
Math
Text
Lists
Variables
Functions
Miscellaneous

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to (runOpMode)
  Initialize Vuforia (use default settings).
  call Vuforia . initialize
    cameraDirection CameraDirection BACK
    useExtendedTracking true
    enableCameraMonitoring true
    cameraMonitorFeedback CameraMonitorFeedback AXES
    phoneLocationOnRobot translation dx 0
    phoneLocationOnRobot translation dy 0
    phoneLocationOnRobot translation dz 0
    phoneLocationOnRobot rotation x 0
    phoneLocationOnRobot rotation y 0
    phoneLocationOnRobot rotation z 0
    useCompetitionFieldTargetLocations true
  Prompt user to push start button.
  call AndroidTextToSpeech . initialize
  call Telemetry . update
  call AndroidTextToSpeech . setLanguage
    languageCode en
    countryCode US
  call Telemetry . update
  Wait until user pushes start button.
  call 1. Small Blue . waitForStart
  Activate Vuforia software.
  call Vuforia . activate

call Telemetry . update
call AndroidTextToSpeech . setLanguage
  languageCode en
  countryCode US
call Telemetry . update
Wait until user pushes start button.
call 1. Small Blue . waitForStart
Activate Vuforia software.
call Vuforia . activate
Get the tracking results.
call 1. Small Blue . sleep
  milliseconds 1000
set vuMarkResult to call Vuforia . track
  trackableName Relic
call 1. Small Blue . sleep
  milliseconds 1000
Is a VuMark visible?
if VuforiaTrackingResults . isVisible
  do
    Yes, we see one.
    What type of Relic VuMark is it?
    call Telemetry . addData
      key VuMark
      text A VuMark is visible.
    call Telemetry . update
    if VuforiaTrackingResults . RelicRecoveryVuMark = RelicRecoveryVuMark . LEFT
  
```

























