

Reference [Language \(//www.arduino.cc/en/Reference/HomePage\)](#) | [Libraries \(//www.arduino.cc/en/Reference/Libraries\)](#) | [Comparison \(//www.arduino.cc/en/Reference/Comparison\)](#) | [Changes \(//www.arduino.cc/en/Reference/Changes\)](#)

Wire.endTransmission()

Description

Ends a transmission to a slave device that was begun by [beginTransmission\(\)](#) ([//www.arduino.cc/en/Reference/WireBeginTransmission](#)) and transmits the bytes that were queued by [write\(\)](#) ([//www.arduino.cc/en/Reference/WireWrite](#)).

As of Arduino 1.0.1, [endTransmission\(\)](#) accepts a boolean argument changing its behavior for compatibility with certain I2C devices.

If true, [endTransmission\(\)](#) sends a stop message after transmission, releasing the I2C bus.

If false, [endTransmission\(\)](#) sends a restart message after transmission. The bus will not be released, which prevents another master device from transmitting between messages. This allows one master device to send multiple transmissions while in control.

The default value is true.

Syntax

```
Wire.endTransmission()  
Wire.endTransmission(stop)
```

Parameters

stop : boolean. true will send a stop message, releasing the bus after transmission. false will send a restart, keeping the connection active.

Returns

byte, which indicates the status of the transmission:

- 0:success
- 1:data too long to fit in transmit buffer
- 2:received NACK on transmit of address
- 3:received NACK on transmit of data
- 4:other error

See Also

- `Wire.beginTransaction()` (<http://www.arduino.cc/en/Reference/WireBeginTransmission>)
- `Wire.write()` (<http://www.arduino.cc/en/Reference/WireWrite>)

Reference Home (<http://www.arduino.cc/en/Reference/HomePage>)

Corrections, suggestions, and new documentation should be posted to the Forum (<http://arduino.cc/forum/index.php/board,23.0.html>).

The text of the Arduino reference is licensed under a Creative Commons Attribution-ShareAlike 3.0 License (<http://creativecommons.org/licenses/by-sa/3.0/>). Code samples in the reference are released into the public domain.

Share



NEWSLETTER

ENTER YOUR EMAIL TO SIGN UP

SUBSCRIBE

Terms Of Service (<http://www.arduino.cc/en/Main/AboutTermsOfService>)

Privacy Policy (<http://www.arduino.cc/en/Main/PrivacyPolicy>)

Contact Us (<http://www.arduino.cc/en/Main/ContactUs>)

About Us (<http://www.arduino.cc/en/Main/AboutUs>)

Careers (<http://www.arduino.cc/Careers>)

(<https://www.arduino.cc/en/Team>)