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# Initialize

## UnoBlueTooth

Constructor.

Here you can initialize some variables, but it is better practice to do so in a custom begin/initialization method.

## begin

This function initializes the default aspects of the class.

This includes the ‘begin’ function being called for all the necessary serial ports, Serial and BTSerial (custom name for AltSoftSerial) which are hardcoded to ports 8 and 9.

Here we also call doATCommandSetup to change the settings only available before the BlueTooth is paired.

## connect

Perform AT command to connect to the Mega’s BlueTooth, using the MAC address stored within the library.

# Communication

## sendData

## sendArray

## receiveData

# Settings and Status

## changename

## changeRole

## getConnectionStatus

# Testing Functionality

## readFromSerialTobT

## readFromBlueTooth

## readArray

# Globals

## AltSoftSerial BTSerial

## connectionStatusPin

## MegaMAC

# Security

## encrypt

## decrypt

# Data Manipulation for Transmission/Receiving

## addMarker

## removeMarker

# Error Detection/Correction

## addCheckSum

## removeCheckSum

# Other

## doATCommands

## atResponse