

enable

Added in API level 5

Deprecated in API level 33

```
public boolean enable ()
```

! This method was deprecated in API level 33. Starting with `Build.VERSION_CODES.TIRAMISU`, applications are not allowed to enable/disable Bluetooth. **Compatibility Note:** For applications targeting `Build.VERSION_CODES.TIRAMISU` or above, this API will always fail and return `false`. If apps are targeting an older SDK (`Build.VERSION_CODES.S` or below), they can continue to use this API.

Deprecation Exemptions:

- Device Owner (DO), Profile Owner (PO) and system apps.

Turn on the local Bluetooth adapter—do not use without explicit user action to turn on Bluetooth.

This powers on the underlying Bluetooth hardware, and starts all Bluetooth system services.

! Bluetooth should never be enabled without direct user consent. If you want to turn on Bluetooth in order to create a wireless connection, you should use the `ACTION_REQUEST_ENABLE` Intent, which will raise a dialog that requests user permission to turn on Bluetooth. The `enable()` method is provided only for applications that include a user interface for changing system settings, such as a "power manager" app.

This is an asynchronous call: it will return immediately, and clients should listen for `ACTION_STATE_CHANGED` to be notified of subsequent adapter state changes. If this call returns true, then the adapter state will immediately transition from `STATE_OFF` to `STATE_TURNING_ON`, and some time later transition to either `STATE_OFF` or `STATE_ON`. If this call returns false then there was an immediate problem that will prevent the adapter from being turned on - such as Airplane mode, or the adapter is already turned on.

For apps targeting `Build.VERSION_CODES#R` or lower, this requires the `Manifest.permission#BLUETOOTH_ADMIN` permission which can be gained with a simple `<uses-permission>` manifest tag.

For apps targeting `Build.VERSION_CODES#S` or or higher, this requires the `Manifest.permission#BLUETOOTH_CONNECT` permission which can be gained with `Activity.requestPermissions(String[], int)`.

Requires `Manifest.permission.BLUETOOTH_CONNECT`

Returns

`boolean`

true to indicate adapter startup has begun, or false on immediate error