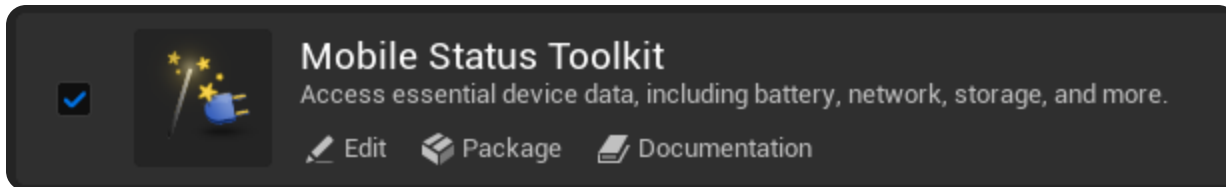




# Mobile Status Toolkit

## How to use the Mobile Status Toolkit plugin

Install the plugin from the Fab Marketplace and make sure it's enabled in your project.

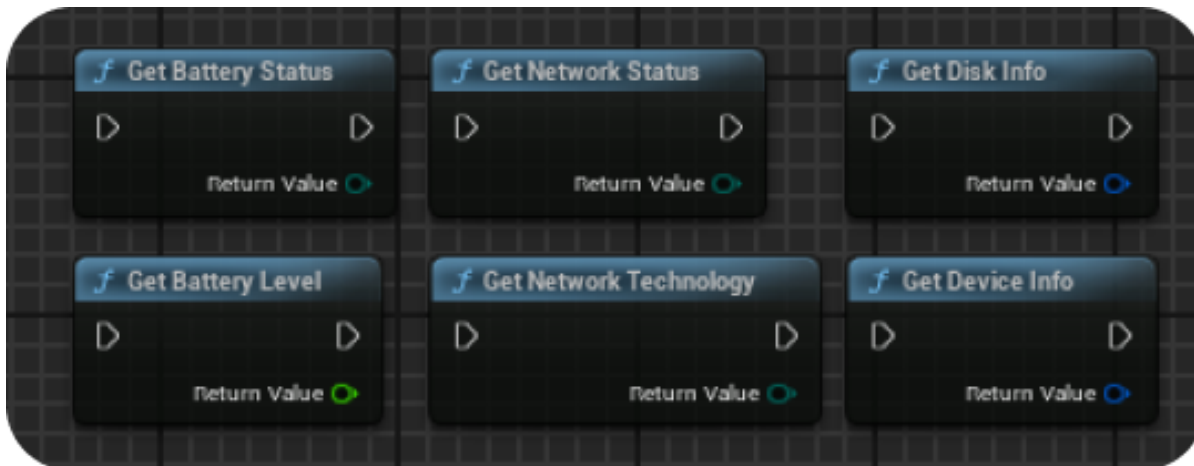


This can be found by navigating to *Edit -> Plugins -> Mobile Status Toolkit*

## Plugin Configuration

No configuration is required. Android devices will be automatically configured with the necessary permissions during the build process.

## Using Mobile Status Toolkit



The plugin provides methods accessible in both C++ and Blueprint. These methods automatically call the appropriate platform-specific version (Android or iOS) based on the target platform, with no need for differentiation.

# Toolkit Methods

## Battery Monitoring

- **IsDeviceCharging** (bool) iOS Android

Checks if the device is currently charging.

- **GetBatteryStatus** (enum) iOS Android

Gets the current battery status (e.g., charging, discharging, etc.).

- **GetBatteryLevel** (float) iOS Android

Gets the current battery percentage. Useful for performance optimization or user notifications when power is low.

## Network Status

- **GetNetworkStatus** (enum) iOS Android

Determines the active network type (e.g., Cellular, Wi-Fi, Ethernet).

- **GetNetworkTechnology** (enum) iOS Android

Identifies the type of network technology in use (e.g., 3G, 4G, 5G, LTE).

## Storage Information

- **GetDiskInfo** (struct) iOS Android

Accesses key storage details, including total space and free space, to help users manage their devices more effectively.

## Device Info

- **GetDeviceInfo** (struct) iOS Android

Gets detailed information about the device, including the system name and version, model, manufacturer, low power mode status, physical memory, processor core count, and more.

*\*Thermal State is not currently supported on Android devices.*

## Plugin Demo Widget

This plugin package includes a demo map and an overlay widget that showcase its functionality.

## Support

If you have any questions or encounter issues with the usage, please contact [support@herocode.us](mailto:support@herocode.us), and we will assist you in getting this integrated into your project.