

# **Project Nocturne Android App Usage Guide 0.1**

## **UserGuide**

Using the Project Nocturne Android app



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# **Project Nocturne Android App Usage Guide 0.1 UserGuide**

## **Using the Project Nocturne Android app**

### **Edition 0**

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This guide will show you how to use the Project Nocturne Android application.

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# Introduction

## 1.1. Purpose

This document describes how to use the CDR Graphing Demo Application.

## 1.2. Scope

This document is intended for the software development contractors and their team, in order to comply with general admitted rules from both parties, concerning the use of correct, well formed, up to date, relevant and clear install documents.

## 1.3. General Principles

This document make the following assumptions:

- The MIPN CDR Graph Demo App has been installed by following the **MIPN CDR Graph Demo App Install Guide**.



# Introduction

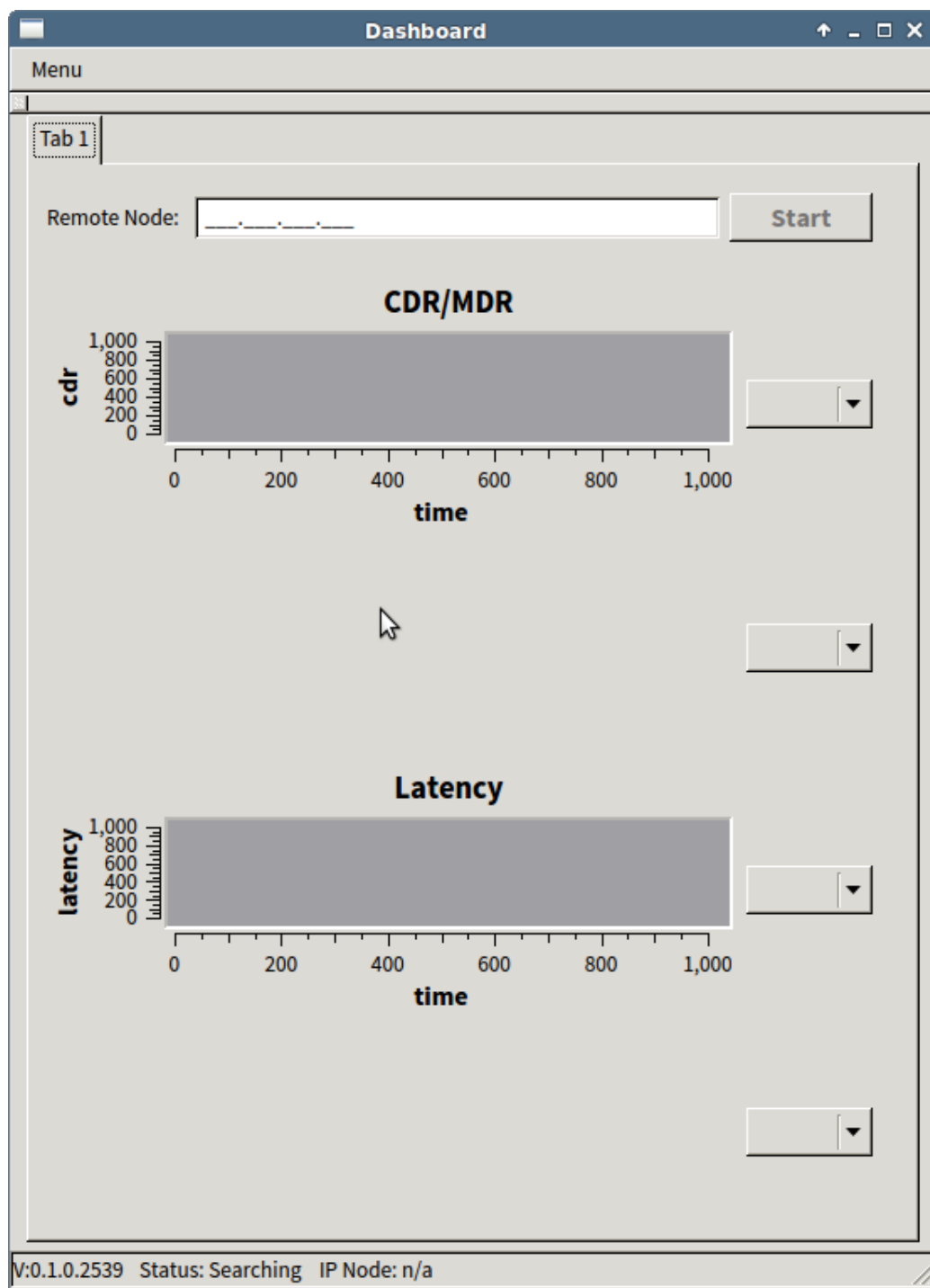
## 2.1. Start-Up

To start the application you must first move into the directory containing the MIPN CDR Graph Demo Application (as per the install guide).

Then execute the run.sh shell script by typing the following command:

```
./run.sh
```

The application will then display the following window:



If this is not the first time that the application has been executed it will try to connect to the IPNode that it had discovered the last time it was executed. If this connection fails, then it will fall into multicast discovery mode.

If this is the first time that the application has been executed (or it has not found a node on previous executions) the application will enter multicast discovery mode.

## 2.2. Multicast Discovery Mode

In this mode the application joins a multicast group (specified in the settings dialog window) and listens for an *IPNode discovery* message. It will also periodically send out a *I am looking for IPNodes* message.



## 2.3. Connecting to an IP Node

Once the application has received an *IPNode discovery* message it will parse the message to retrieve the ip address and port that will be used for subscription connections.

FIXME

## 2.4. Changing the Discovery Multicast Group

FIXME



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# Appendix A. Revision History

Revision 0.1-0 Tue Dec 10 2013

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Initial Release



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