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LnetFieldApp 


Accessibility replacement for the Mobile Loggernet App. This project intends to address several of the issues faced by field techs while...



[fixes image](#)

Dan Edens authored 10 seconds ago

Name	Last commit	Last update
 ServerAgent @ 508e7e71	Adds description to Readme, adds more Ser...	1 hour ago
 mqttplugin @ 8ab42a2f	add example of mqtt plugin in java	6 hours ago
 .gitmodules	adds Readme. Initially only including early ch...	2 days ago
 Lnet.prj.xml	0.10.3 - TCAPts retrieval	5 hours ago
 README.md	fixes image	10 seconds ago
 Scene-DistanceConverstions-092...	adds screenshots of scenes as record of pro...	2 days ago
 Scene-LearnMode-0929.jpg	adds screenshots of scenes as record of pro...	2 days ago
 Scene-TcptsEditor-0929.jpg	adds screenshots of scenes as record of pro...	2 days ago
 Scene LearnMode.jpg	Adds description to Readme, adds more Ser...	1 hour ago
 screencapture-geodev-geo-instr...	fixes image	10 seconds ago

 [README.md](#)

Project Discription

This project is intended to provide custom fit solutions to problems faced by Geo Field techs while controlling an AMTS via Loggernet

Current Issues:

1. Frequent Disconnects, Slow updates

Proposed Solution: By creating a middle-man between mobile device and Logger, information can be packaged and sent as a single command

2. Aiming by Coordinate system not field practical

Proposed Solution: Create tools for incremental "walking" of the AIM laser for situtations when gun access is complicated or dangerous

3. Aiming at a known location not field practical

Proposed Solution: Retrieve data from Logger and present user with drop down menu selection for aiming at already learned points.

Once these are possible, new options will be available to assist with tricky installs

Improvement:

1. Editing TCAPts line by line via mobile

2. Constant Point names via preconfigured conventions and incremental toolkit

3. Walk gun by known distance based on a known point's distance to gun

4. Marking intervals between 2 locations via laser for constistent installs

5. Ease of access to data such as lithium battery status, Automated discriptions of error codes

Change Log and Roadmap for [Lnet Field App](#)

Changelog

0.1.0 - Inital Build and Interface setup

[0.1.1 - c1ba8811](#) - Tasker Scene creation - [\(More on Tasker scenes\)](#)

1. Adds HZ and V Angle spinners
2. Adds Points name editor
3. Adds PostionToFlag button
4. Adds ReadToFlag Button
5. Adds Pointname Send button
6. Adds 3 prefix buttons
7. Adds Exit Button
8. Adds On/Off Button

[0.1.2 - 3b508339](#) - Adds Search window spinners and labels

0.2.0 - Corascript scripting - Loggernet CLI Study and testing

[0.2.1 - 322e4770](#) - Adds Bin scripts

0.2.2 - Learns Syntax and does various testing

[0.2.1 - fd0b413a](#) - Explores and plans future functions

0.3.0 - Server Agent

[0.3.1 - e26a0a3b](#) - Adds Command Listener and Process mangment
[0.3.2 - 8e8661ee](#)

0.4.0 - Multi-Device - Corascript retrival of Device list

[0.4.1 - bf5a2ba8](#) - Adds Device Spinner
[0.4.2 - 3ace439c](#) - Adds Laser Toggle
[0.4.3 - c589f8d9](#) - Adds more bin scripts

0.5.0 - Adds UI elements to LearnMode Scene. Begins MQTT rework

[0.5.1 - 58e75bba](#) - Begins to connect UI with sever via mqtt
[0.5.2 - 2dc58ad5](#)

1. Adds Clone of Bin - 'mqtt' folder
2. Begins conversion of server oriented scripts

0.6.0 - Mqtt Overhaul

[0.6.1 - 8d9c004b](#)

1. Milestone 1. Least viable Product achieved.
2. Adds direct command python-to-script control for select functions
3. Adds Mqtt scripts for post, rost, eget
4. adds FileList retrival for TCAPts path syntax

[0.6.2 - f05fe9a1](#) - Adds ChangeFace command, and works on postion, TCA_On, TCA_off
[0.6.3 - 233c693e](#) - Works on mqtt Scripts and various tests

0.7.0 - CI/CD Pipeline

[0.7.1 - 1f778556](#) - Adds Azure Devops pipeline and example TCAPts for syntax

0.8.0 - Adds Addtional functions

[0.8.1 - 7789a5d8](#) - Works on various functions
[0.8.2 - 126053e7](#) - Works on cycle start/stop and Filelist
[0.8.3 - 6067afd5](#) - Adds ablitiy to pull TCAPTs

0.9.0 - Does Refactoring

[0.9.1 - f7573c03](#) - Refactors scripts 1
[0.9.2 - 6b467594](#) - Refactors scripts 2
[0.9.3 - 6654d190](#) - Refactors scripts 3
[0.9.4 - de8a9f16](#) - Renames redundant top level bin scripts
[0.9.5 - 722ecf09](#) - Renames "mqtt" directory to "cora"
[0.9.6 - 67963251](#) - Updates Bin Scripts and pipeline tests

0.10.0 - TCAPTs Editor

[0.10.1 - 69c0a54c](#) - Adds TCAPts push and pull scripts
[0.10.2 - bc35976e](#)

1. Adds LnetFieldApp as Parent Repo
2. Updates Readme with Changelog.
3. Works on Point name editor.
4. Adds second spinner for decimal place angle control.
5. Adds Tcpts Scene for point selection.
6. Adds Distance Converstion basic interface.

[0.10.3 - 57241924](#) -

1. Finishes TCAPts scene control for PostionToFlag
2. Adds status refresh button
3. Various bug fixes
4. Updates Readme
5. Works on TCAPts pull, publish, and parsing

CURRENT VERSION *as of 10/01/2021*

[0.10.4 - IN PROGRESS](#)

Devolpment Roadmap:

0.10.4+ Open Issues:

1. logger status updates posted to mobile app
 2. long press edit value for decimal angle, default that includes decimal zeros, split/merge between edits
 3. Finish linkage of TCAPts retrival
 4. Target selected point from TCAPts
 5. Update TCAPts file and push new copy, including reload TCAPts command
 6. Trig Distance conversions
 7. Define Defaults by guns current values
 8. add TCAPTS-defined and current search window to status updates.
 9. Add reload points file script

0.11.0 - Tradeshow release - Beta Test.

1. Finish building Feedback email option for beta tester version
 - 2.

0.12.0 - Final release prep and Feature pack

1. Update Pipeline from Azure Devops to Geodev/gitlab

1.0.0 - Verson 1 Release

1. Signed APK package that can be manually installed via enabled android settings

1.1.0 - Version 1 optimizations

1. Server manager overhaul
 2. reContainerazation/scalablity update

1.2.0 - Dependancy removal - MQTT plugin rewrite

1.#.0 - Automated Bump test request

1. Pushd to data archive for VM servers, grep out most recent data files
 2. make wave-forms viewable via coordinate screenshot
 3. Mobile notification/SMS notification

1.#.0 - Retrieve CurrentAdj .dat/.err files for "most recent cycle" check

1. Locate company by project name (complete)
 2. pushd to project folder from remote machine (complete)
 3. Retrieve .dat or .err without file blocking (In-progress)

2.0.0 - App Rewrite and optimizations

1. Remove Tasker as framework, Transfer to native app
 2. Add Keller/microsoft account sign-in
 3. Improve handling of simutanious users
 4. Playstore Publish

