MCCI Cricket UI Release Notes

Engineering Report 950001557
Rev K
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Document Release History

Rev A	2020-07-10	Initial Release (V1.0.0)
Rev B	2020-09-09	Mac Menu Update (V1.0.2)
Rev C	2020-09-23	Host Controller issue and Delay override (V1.2.0)
Rev D	2021-01-05	Interface for USB Switch 2101 added, Radio buttons for Port switching replaced by image added buttons, Duty parameter added in auto mode, Until stopped and Port selection option added to the Loop mode and separate panel for Auto mode added, adding USB speed info, increase port switching speed.(V2.0.0)
Rev E	2021-02-23	Python implemented to Pep8 coding standard. Package release for Raspberry Pi OS ubuntu18.04(V2.2.0)

Rev F	2021-05-03	Add support for Model 2301 USB Connection Exerciser (V2.3.0)
Rev G	2021-07-14	Add new feature support for Three computer Systems and Two Computer Systems.
Rev H	2021-11-01	Feature added – Plotting of VBUS VI, USB Tree view removed and merged with Log window.
Rev I	2022-04-21	Improved device search, App window resize.
Rev J	2022-05-06	Fix in Windows Installer Script for tokenization issue.
Rev K	2022-12-07	Supporting of Thunderbolt device tree view in Mac. DUT (Device Under Test) feature added. Batch mode feature was added. USB4 support for windows. Multi-USB switch support

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1   Introduction

This report summarizes the MCCI Cricket UI V3.0.0 release. Table 1 lists the deliverables and tag for this release.

Table 1. Summary

Version/Tag	V3.0.0
Deliverable Items	MCCI-Cricket-UI -Windows-V3_0_0.zip
	MCCI-Cricket-UI-Linux-V3_0_0.tgz
	MCCI-Cricket-UI-Mac-V3_0_0.zip
	MCCI-Cricket-UI-RaspiOS_aarch64_V3_0_0.tar.gz

2   Relevant Documents

- 950001552i_(MCCI-Cricket-UI-User-Guide).pdf

3   Test Setup
Describes test environment.

- Windows 10 32-Bit (Version 1903; OS Build 18362.900)
- Windows 10 64-Bit (Version 1909; OS Build 18363.900)
- Linux 64-Bit (Ubuntu Version 16.04, 18.04 and 20.04)
- Mac 64-Bit (Mac OS Catalina Version 10.15.6, Mac OS Monterey Version 12.1)
- Raspberry Pi OS arch 64-Bit (Raspberry Pi OS; Ubuntu 18.04, Ubuntu20.04)

4   Release History

4.1   V3.0.0

- Supporting of Thunderbolt device tree view in Mac.
- DUT (Device Under Test) feature added.
- Batch mode feature added.
- USB4 support for windows.
- Multi USB switch support

4.2   V2.7.0

- Cricket UI fails to launch on ubuntu 20.04 and 22.04

4.3   V2.6.1
- Fix in Windows Installer Script for tokenization issue.

4.4   V2.6.0

- Filtering of devices when initiate device search
- Adding of Application window resize
- Disable/Enable VBUS VI chart based on switch selected

4.5   V2.5.0

- Feature added – Plotting of VBUS Volt and Current
- USB Tree view removed and merged with Log window.
- Perform device Search in advance
- Auto mode improved (Port selection provided)
- Linux machine IP scanning issue fixed.
- The word Model replace by MCCI USB Switch
- UI not responding issued fixed
- Change Request – Do not disable Connect Switch
- Enhancement – Highlight the name of the Switch not Port

4.6   V2.4.0

- Add new feature support for Cricket UI Three Computer and Two Computer System.
- Manage Model moved under Menu Bar

4.7   V2.3.0

- Add support for Model 2301 USB Connection Exerciser.

4.8   V2.2.0

- Python implemented to Pep8 coding standard.
- Package release for Raspberry Pi OS ubuntu18.04.

4.9   V2.0.0

- Interface for USB Switch 2101 added,
- Radio buttons for Port switching replaced by image added buttons,
- Duty parameter added in auto mode,
- Until stopped and Port selection option added to the Loop mode and separate panel for Auto mode added, adding USB speed info, and increase port switching speed.

4.10 V1.2.0

- Removal of File Menu in Mac
- Interval and Period overriding by USB Device Tree Changes delay
- Fixing of Host Controller detection issue in Mac (Catalina)
- Extended Linux support for 16.04 and 18.04

4.11 V1.0.2

- App menu and Window menu for Mac OS added
- New Window item removed from File menu

4.12 V1.0.0

- UI Panel for Model 3141 and Model 3201
- Manage models Panel
- 3141/3201 - Manual, Auto and Loop mode support
- USB Device Tree View changes and Log Window with Time stamp.