

# Mark 5 Status

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# Objective

- State of Mark5's OS
- Mark5A/B Application Software
  - SDK9
  - Version Info
- Maintenance

# State of Mark5's OS

- Debian Squeeze (under test)
  - Latest OS distribution supported
  - Linux kernel 2.6.32
  - Requires Conduant SDK9
- Debian Lenny (presently supported)
  - Last patch issued March 2012
  - Linux kernel 2.6.26
  - Requires Conduant SDK9

# Mark5 Application Software

- Mark5A
  - Converted to work with SDK9.2
  - Testing on Mark5A / 5B / 5B+
  - Critical bug
    - 'scan\_check?' is broken
    - Workaround
      - Use 'scan\_set=1;scan\_set=;' before 'scan\_check?'
  - Resolved by Conduant for 5B+'s ONLY
    - 5A/5B in later firmware releases
    - In SDK9.2 only

# Mark5 Application Software

- What it is:
  - Debian packages
    - Mark5A/5B application
      - mark5a\_2.0.0-i386.deb
      - mark5b\_2.0.0-i386.deb
      - Same code, the post install script creates proper command to start application
    - streamstor\_9.2.1-i386.deb
    - Mark5B IO driver
      - mk5bio\_2.0.1-i386.deb
  - Source packages available upon request
  - Installed / maintained through a standard package manager
    - synaptic (apt-get) / aptitude
    - dpkg

# SDK Information

SDK Version	Shared Library version number	cc5A/cc5B linked library	Debian Package version
9.2	libwdapi1031	-lwdapi1031	streamstor_9.2.1-i386 (u.t)
9.1	libwdapi1021	-lwdapi1021	streamstor_9.1.0-i386
9.0	libwdapi1011	-lwdapi1011	streamstor_9.0.0-i386 (5c)
8.3beta	libwdapi1001	-lwdapi1001	streamstor_1.2.2-i386 (1)
8.3	libwdapi1001	-lwdapi1001	streamstor_1.2.1-i386.deb
8.2	libwdapi921	-lwdapi921	streamstor_1.1.4-i386.deb
8.1	libwdapi910	-lwdapi910	NA
7.6	libwdapi801	-lwdapi801	NA
6.X	libwdapi521	-lwdapi623	NA

u.t. -> Under Test (5A/5B/5C)

1 -> Contains a firmware fix potential e-transfer problem (disk2net)

5c -> for Mark5C only

# Maintenance

- Recommend signing up for
  - **debian-security-announce mailing list**
    - <http://lists.debian.org/debian-security-announce/>
  - Informs the users about security problems by posting security advisories about “all” Debian packages on this list.
- Alternative
  - Update the package list weekly
  - Upgrade the required packages if any