```c
// ADB protocol version.
// Version revision:
// 0x01000000: original
// 0x01000001: skip checksum (Dec 2017)
#define A_VERSION_MIN 0x01000000
#define A_VERSION_SKIP_CHECKSUM 0x01000001
#define A_VERSION 0x01000001
```

protocol

- used to exchange data between server and a device

- message oriented

- mux and forward streams betwe~~en~~ device (bidi)

- surprisingly simple and effective

- only one revision since creation

```
// ADB protocol version.
// Version revision:
// 0x01000000: original
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#define A_VERSION_MIN 0x01000000
#define A_VERSION_SKIP_CHECKSUM 0x01000001
#define A_VERSION 0x01000001 👈🏽
```

[platform_system_core]/adb/adb.h

32bitdesi (Ravi Subramanian)
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protocol message format

```
struct amessage {

    uint32_t command;      /* command identifier constant   */

    uint32_t arg0;         /* first argument                */

    uint32_t arg1;         /* second argument               */

    uint32_t data_length; /* length of payload (0 is allowed) */

    uint32_t data_check;  /* checksum of data payload        */

    uint32_t magic;        /* command ^ 0xffffffff           */

};
```