

BIP 0014 - Protocol Version and User Agent

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Table 1: Data sheet for Protocol Version and User Agent

Title	Protocol Version and User Agent
Layer	Peer Services
Author	Amir Taaki, Patrick Strateman
Comments-Summary	No comments yet.
Comments-URI	https://github.com/bitcoin/bips/wiki/Comments:BIP-0014
Staus	Final
Type	Standards Track
Created	2011-11-10
Post History	2011-11-02
Description	https://github.com/bitcoin/bips/blob/master/bip-0014.mediawiki

: **Note:** The following is an excerpt from the official Bitcoin site. It is provided here as a connivence and is not authoritative. Refer to the original document(s) as the authoritative reference.

*** * * NOTE * * ***

n this document, bitcoin will be used to refer to the protocol while Satoshi will refer to the current client in order to prevent confusion.

Proposal

*The version field in version and getblocks packets will become the protocol version number.
The version number in the "blocks" reflects the protocol version from when that block was created.*

The currently unused sub_version_num field in version packets will become the new user-agent string.

Bitcoin user agents are a modified browser user agent with more structure to aid parsers and provide some coherence. In bitcoin, the software usually works like a stack starting from the core code-base up to the end graphical interface. Therefore the user agent strings codify this relationship.

Basic format:

/Name:Version/Name:Version/.../

Example:

```
/Satoshi:5.64/bitcoin-qt:0.4/  
/Satoshi:5.12/Spesmilo:0.8/
```

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Last update: **2019/05/28 16:14**

