

BUIP096: BCH November upgrade - Enforced lexicographic transaction ordering

Date: 14 August 2018

Proposer: solex

### ***Motivation***

Bitcoin Cash is advancing through decentralized development. Perhaps this was easier early-on, but now the dust has settled from the fork and a year has passed, there are many different voices pushing and pulling development priorities. The upcoming **15 November 2018 general upgrade** is a major event, hence it would help if Bitcoin Unlimited, as an organization, had an official position on the major elements of the upgrade. This position is determined by the membership.

### ***Objective***

The purpose of the BUIP is to determine whether the BU membership supports using an enforced transaction ordering method after the scheduled November upgrade (this is a forking change).

### ***Summary of Proposed Changes***

Enforced lexicographic transaction ordering in blocks

For further information see:

Pro:

<https://blog.vermorel.com/pdf/canonical-tx-ordering-2018-06-12.pdf>

[https://medium.com/@j\\_73307/canonical-block-order-or-dbe3ac48bcd3](https://medium.com/@j_73307/canonical-block-order-or-dbe3ac48bcd3)

Con:

<https://www.docdroid.net/pvFaNUq/critique-canonical-order.pdf>

<https://bitco.in/forum/threads/gold-collapsing-bitcoin-up.16/page-1218#post-78745>

### ***Budget***

N/A

### ***Impact***

This BUIP has the potential to fork BU off the BCH blockchain. This BUIP is not intended to facilitate a chain split. BU does not desire unintended forks in the BCH blockchain, so the BU client will remain compatible with the final specification of the November upgrade.