

# YANG Data Model for IEEE 1588v2

draft-jlx-tictoc-1588v2-yang-04

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# Backgrounds

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- Multiple industries need a 1588 YANG module soon, a generic standard will help to avoid incompatibility and duplicate work
- There were some discussions happened jointly with IEEE 1588 WG, and the consensus is to progress YANG module of 1588-2008 in the TICTOC WG

# Summary of Changes in Ver.03

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- IETF YANG style strictly, all requirements from the IETF validation tool are verified and fulfilled
  - <CODE BEGINS> ... <CODE ENDS>
  - current-DS -> current-ds
  - The YANG module name and namespace
- For both **port-ds-list** and **transparent-clock-port-ds-list**, we use leafrefs to refer to “port-number” in port-identity
  - Thus, only one “port-number” is instantiated for each list

# Summary of Changes in Ver.04

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- YANG model of generic 1588 is quite stable
- Add more texts in the introduction section on the backgrounds, and the focus of IEEE 1588-2008 is reiterated
- Explain various applications for this generic model and how its revisions can be evolved in a compatible way

# ***Next Step***

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- Solicit adoption by the TICTOC WG, so that this work can be progressed in the IETF standards track

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*Thank You*