IBIS Quality Designations

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IBIS Quality Subcommittee
http://www.vhdl.org/pub/ibis/quality_wip/

Original IBIS Quality Levels

0   **Ibischk plus a few manual checks**

1   **All manual checks**

2a   **All manual checks plus simulation correlation**

2b   **All manual checks plus measurement correlation**

3   **All manual checks plus all correlation**

Proposed IBIS Quality Levels

- Correctness checks:

    0 Unchecked, quality unknown

    1 Passes ibischk

    2 Ibischk plus basic manual checks

    3 Ibischk plus all manual checks

- Correlation and notes:

    M Measurement correlated

    S Simulation correlated

    X eXemptions

Example: 2SX

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Should we change it?

- **Pro:**

  - **Level 0 should be reserved for files not checked or not passing ibischk**

  - **Measurement and simulation are decoupled from checking**

  - **Reserves room for higher levels of checking**

- **Con:**

  - **Old system is in use (not extensively though)**

  - **Old system is compatible with IBIS Accuracy Specification**

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