

Proposal for 1543

SV-AC

November 15, 2006

1. SECTION 17.15 REPLACE:

To facilitate verification separate from design, it is possible to specify properties and bind them to specific modules or instances. The following are some goals of providing this feature:

- It allows verification engineers to verify with minimum changes to the design code and files.
- It allows a convenient mechanism to attach verification Internet Protocol (IP) to a module or an instance.
- No semantic changes to the assertions are introduced due to this feature. It is equivalent to writing properties external to a module, using hierarchical path names.

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2. SECTION H.1 REPLACE:

Although this annex defines guidelines for a common inclusion methodology, it requires multiple implementations (usually two) of the corresponding facilities. This takes into account that multiple users can have different

viewpoints and different requirements on the inclusion of foreign language code.

- A vendor that wants to provide its Internet Protocol (IP) in the form of foreign language code often requires a self-contained method for the integration, which still permits an integration by a third party. This use case is often covered by a bootstrap file approach.
- A project team that specifies a common, standard set of foreign language code might change the code depending on technology, selected cells, back-annotation data, and other items. This use case is often covered by a set of tool switches, although it might also use the bootstrap file approach.
- An user might want to switch between selections or provide additional code. This use case is covered by providing a set of tool switches to define the corresponding information, although it might also use the bootstrap file approach.

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