



Agilent Technologies

AMA Release Notes 2011.1.3

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Content

What's New

Improvements

Bug Fixes

Known issues

What's New

Improve CDF parameter table functionality in Rule Generator under PCell mode.

- Boolean parameters are presented as checkboxes.
- Radio or cyclic parameters are presented as dropdown lists.
- When change flag parameter, AMA re-evaluates this PCell to fetch updated CDF Parameters.

Update built-in context-sensitive Help Contents.

Support use-input StarRCXT .cmd file in StarRCXT+Calibre extraction approach.

Support Assura extraction approach for demo purpose.

What's New (Cont.)

Supports "Layout" mode, which is to load existing GDSII file.

- Rule Generator window now has a third option for "Layout" mode.
- GDSII file can be streamed-in. Therefore, specify the top cell.
- Corresponding .icf file should be created/setup for user-specific GDS, basically the device is considered as a black-box, such as a RO circuit.

Improvements

User manual is re-organized and written in ".htm" files, which can be accessed via menu "Help -> User Manual". The ".htm" file package can be found at \$AMA_HOME/help/UserManual/ folder, the entry file is "index.htm".

- Enrich GUI and menu explanation.
- Enrich AMA rule format and syntax explanation.
- Enrich AMA installation directory and project result directory explanation
- Enrich AMA built-in function explanation.

Improve built-in context-sensitive Help Contents.

- More details can be found in user manual.

Improvements (Cont.)

Improved SKILL code when parsing PCell info to avoid "nil" attribute or extra double quotes.

Improved compatibility when parsing some PCell which contains "<" symbol in its "prompt" attribute, which causes XML parsing to fail.

Issues Fixed

Fix a bug when run Spectre simulation, which would cause AMA hang-up.

Known issues

Load existing rule file in Rule Generator window is not enabled.

Switch between SKILL and PCell mode has some problem, a workaround is to close-and-open Rule Generator window again.