

## RTSC Ease of Use Update

### Color Key

- Good progress
- Needs fine tuning
- Lots more work required

## Platform Wizard

- Mostly complete
- Integrated into CCS 4
- GUI based tool for creating a platform
- Generates complete RTSC package
- “Cache aware” – will need to interact with BIOS

## Improved Error Handling

- Unique “package not found” errors
  - Package not found on path
  - Package not built
- Traceback improvements
  - Traceback now stops by default at the user/RTSC boundary
  - Users will no longer fruitlessly dig through RTSC implementation

## Trace Capability

- “Power user” feature
- Get insight into what XDC is doing
- Similar concept of CE\_DEBUG, i.e. if something goes wrong turn on the trace, dump to a file, and give to an expert to decipher

## CCS Integration

- New Project Wizard: select various BIOS projects as “starter ware”
- Path wizard: check boxes to add common software components to package path
- Separate config project
  - Less performance penalty as the config step can be better controlled/understood
- XGCONF, ROV, RTA still need work
- No legacy lib wizard

## XGCONF

- Works for everything, not just BIOS
- “On the fly” input validation in progress, requires some extra effort from package provider
- No way to specify a layout for the various parameters

## Path Tool

- Looks for common mistakes
  - “package” instead of “packages”
  - Directory with no packages in it
- TO DO: Need this tool automatically invoked when XDC encounters a path error

## Closure Tool

- Have a rough version today
- Allows a system integrator to create and deliver a configuration project as a single entity (lib and header files)
- Lots more work needed on interface