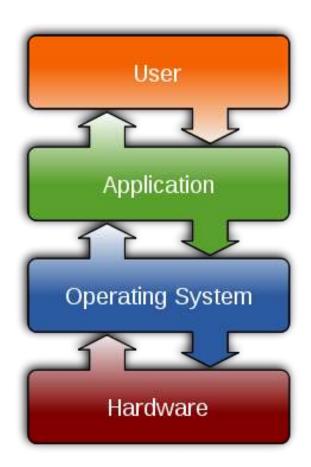
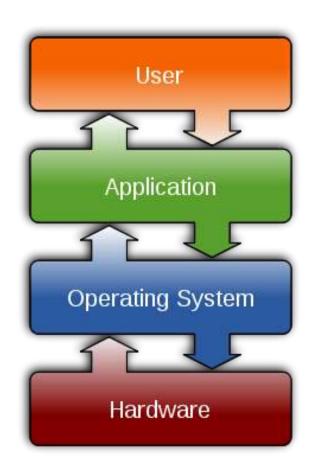
Introduction to CCSv5

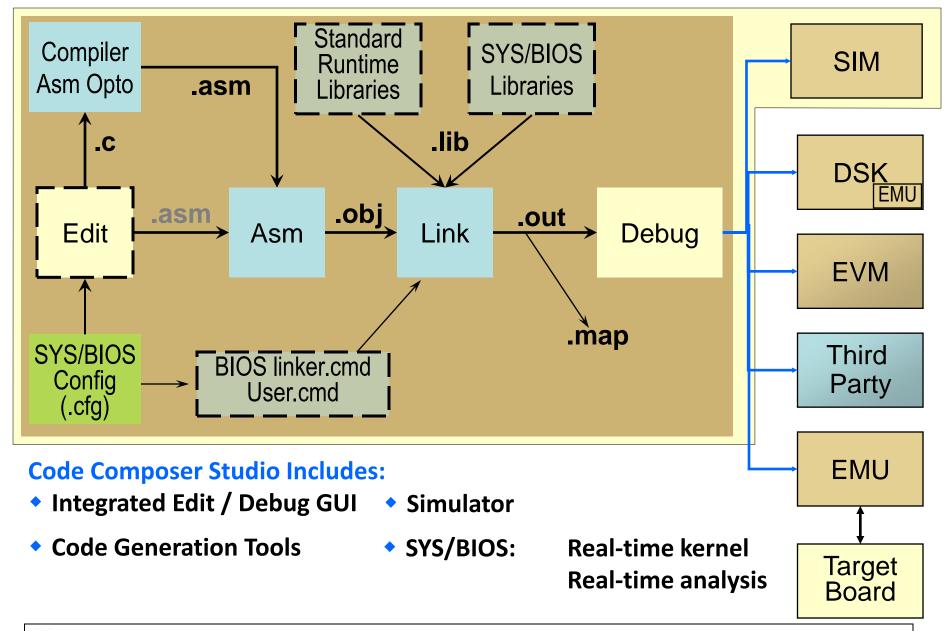
- Intro to CCSv5
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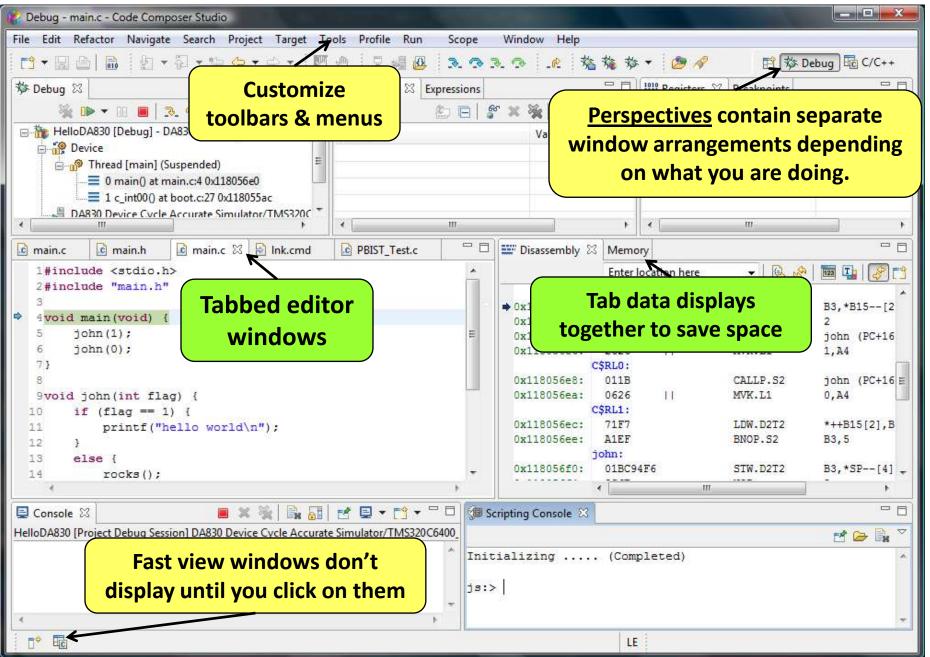
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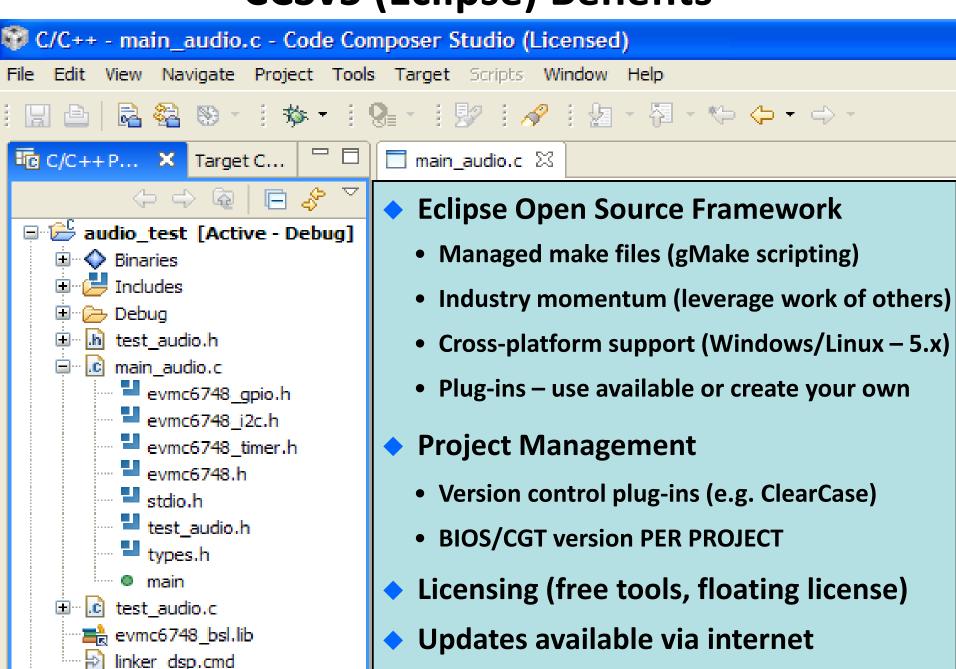
CCS Functional Overview



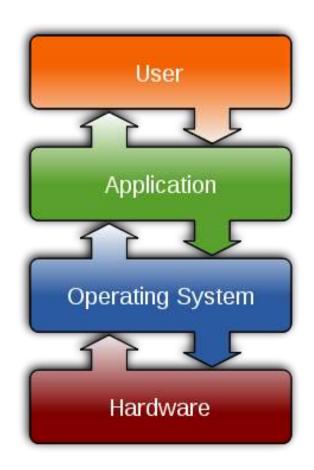
CCSv5 "GUI" Environment – Space Saving



CCSv5 (Eclipse) Benefits



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Perspectives

- <u>Perspectives</u> a set of windows, views and menus that correspond to a specific set of tasks
- Two <u>default perspectives</u> are provided with CCSv5:

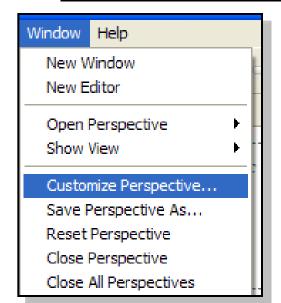
Debug

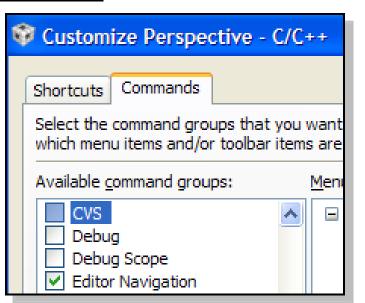
- Debug Views
- Watch/Memory
- Graphs, etc.



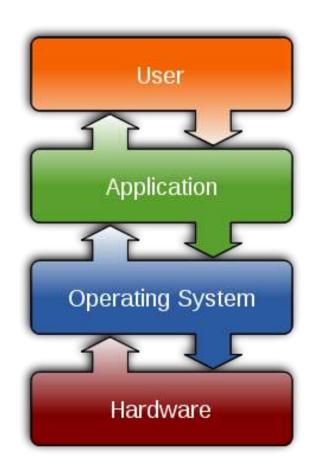
C/C++

- Code Dev't Views
- Project Contents
- Editor
- Users can <u>customize perspectives</u> and save them:

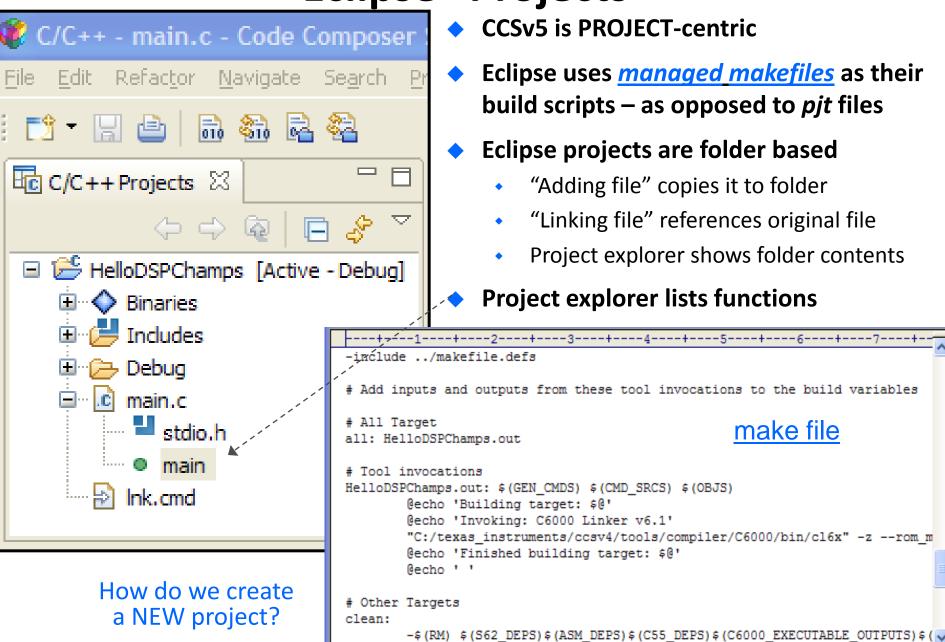




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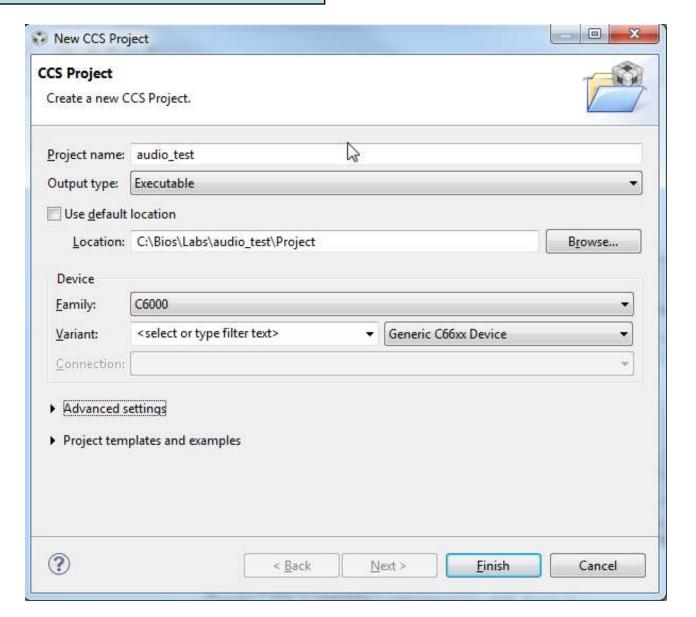


Eclipse "Projects"

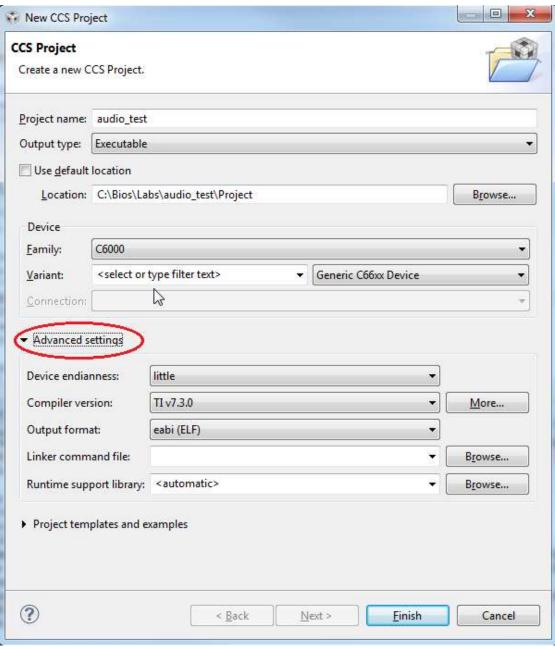


Creating a New Project (1)

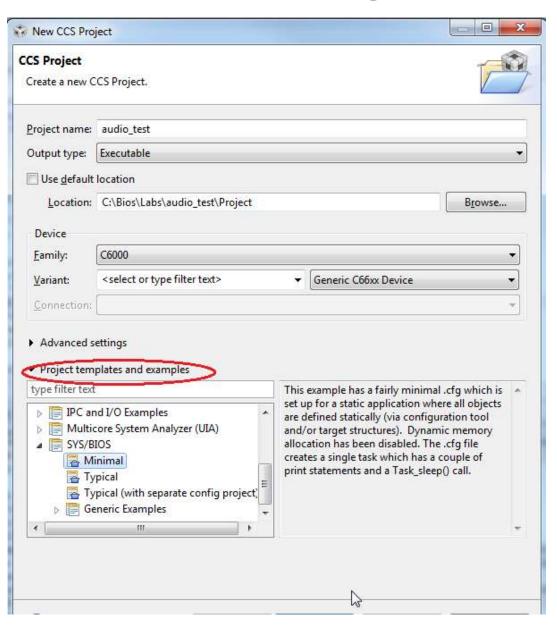
File → New → CCS Project (in C++ perspective)



Creating a New Project (2)



Creating a New Project (3)



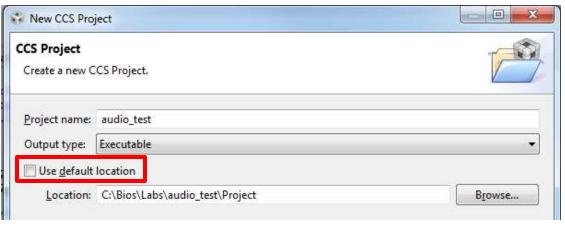
- Not using SYS/BIOS?
 - Choose "Empty Project"
- Using SYS/BIOS?
 - Choose "Minimal" under SYS/BIOS

Eclipse "Workspace"

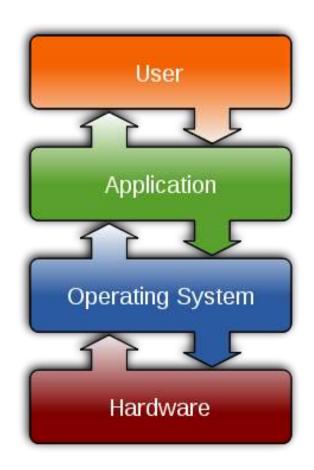
- Workspace A "container" for Eclipse metadata and the default location for all projects
- Default Location: \My Documents\workspace:



- Can change "default" workspace location if desired
- User can also locate projects in specific folders:

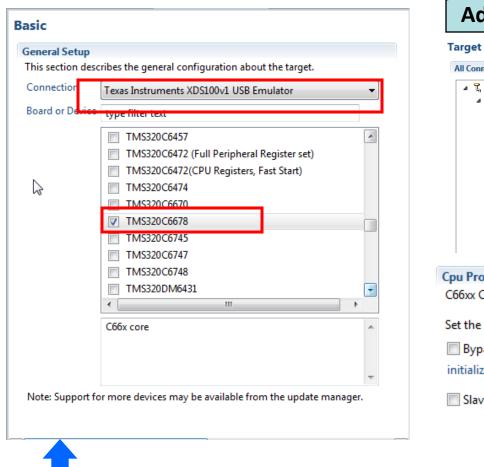


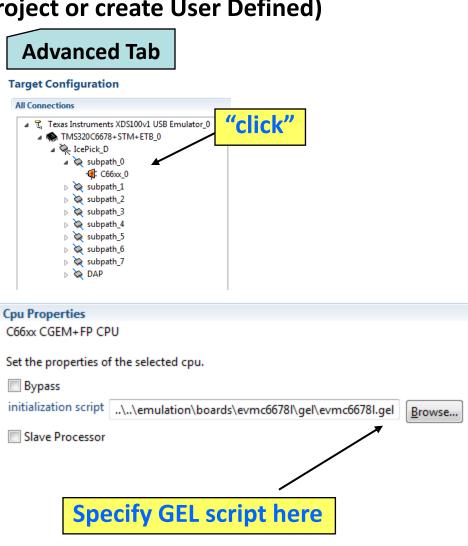
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- Intro to SYS/BIOS



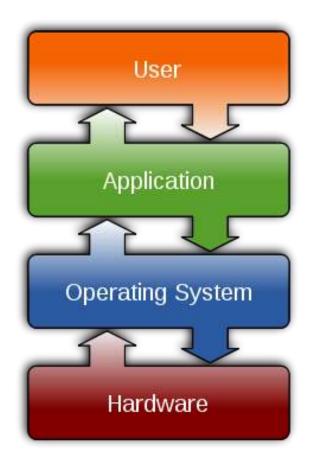
Creating a New Target Config File (.ccxml)

- <u>Target Configuration</u> defines your "target" i.e. emulator/device used,
 GEL scripts (replaces the old CCS Setup)
- Use on a per-project basis (add to project or create User Defined)





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Two Default Build Configurations

- <u>Build Configuration</u> a set of build options for the compiler and linker (e.g. optimization levels, include DIRs, debug symbols, etc.)
- CCSv5 comes std with two DEFAULT build configs: Debug &

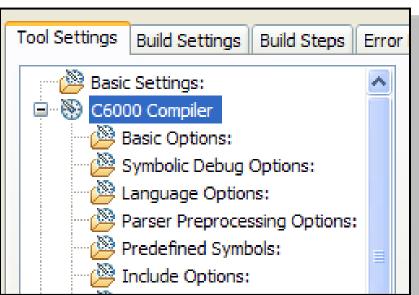
Release:



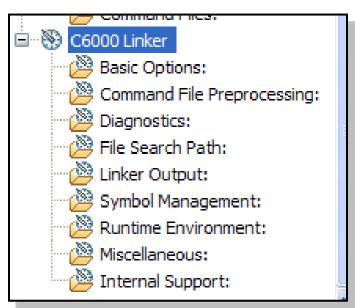
User can create their own config if desired

User can modify compiler/linker options via "Build Properties":

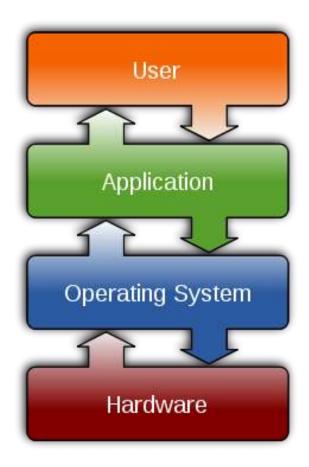
Compiler



Linker



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CCSv5 Licensing & Pricing

Licensing

- Wide variety of options (node locked, floating, time based...
- All versions (full, DSK, free tools) use same image
- Updates readily available via the internet

Pricing

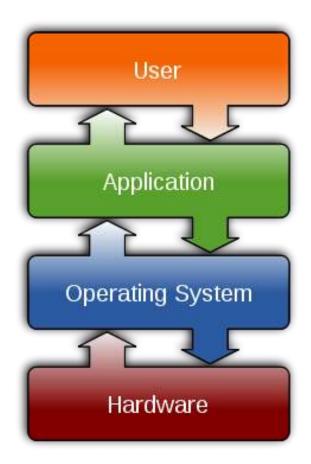
Reasonable pricing – includes FREE options noted below



Item	Description	Price
Platinum Eval Tools	Full tools with 30 day limit (all EMU)	FREE
Platinum Bundle	EVM, sim, XDS100 use	FREE ©
Platinum Node Locked	Full tools tied to a machine	\$495 (1)
Platinum Floating	Full tools shared across machines	\$795 (1)
Microcontroller Core	MSP/C2000 code size limited	FREE
Microcontroller Node Locked	MSP/C2000	\$445

: Recommended Option: purchase Dev Kit, use XDS100v1-2, & Free CCSv5

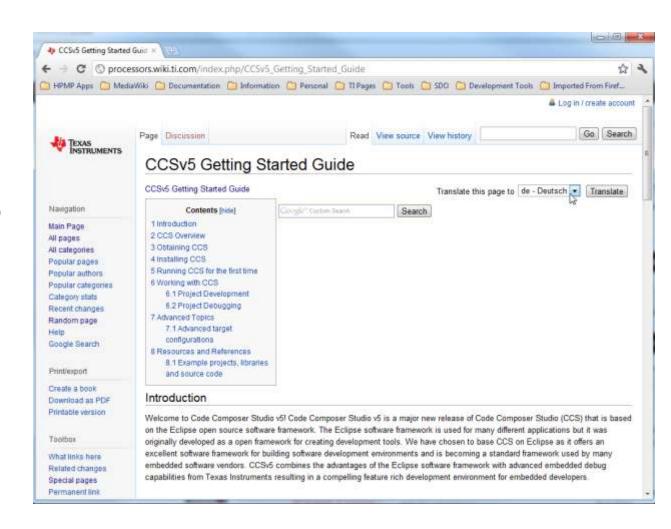
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CCSv5 – For More Information

Links for:

- Downloading CCSv5
- Installation Help
- Licensing
- Tutorials
- BIOS Projects
- ETC.



Questions?