Intel Documentation – Descriptions and Links

At Intel, I was an Information Developer assigned to the the Technical Computing, Analyzer and Runtimes team, documenting the command line and APIs for the products in the Intel Parallel Studio XE Suite (also the Cluster and Embedded versions). The leads on each product were responsible for the main GUI documentation, and my chapters integrated into their books. I created both Windows and Linux versions as single-sourced help, generally testing the command line functionality myself. Here are short descriptions of my deliverables, plus links to the help.

General Contributions

As a member of the Style Guide Task Force, showed how to apply web best practices and SEO to documentation. After polling marketing and engineering on documentation needs, also created cookbook-style documentation examples and helped define standards. TF members enthusiastically embraced these ideas and our InfoDev editor integrated these principles across the Style Guide.

For the Tools & Technology Task Force, applied knowledge of collaborative web sites to the team's SharePoint site to move the team away from dependence on locally stored email and resources. Again, these concepts were quickly adopted by TF leaders and teammates.

Later, on the Web Coordinators team, provided input on the Software Documentation Library landing page, and assisted with migration to the Drupal platform, authored the initial page of documentation links, handled monthly documentation uploads and testing.

Was privileged to study many subjects, taking advantage of brown bag webcasts on high performance computing, clusters, parallel computing, and embedded systems. Also took a UX class, monitored UX test sessions, Linda classes on HTML5 and CSS2, and attended the Intel Software Professionals Conference and Woman at Intel Conference.

Intel® VTune™ Amplifier XE

This is the flagship product, designed for analyzing software behavior and identifying hotspots and other issues that might affect performance. Because it was the most mature product, it had extensive documentation of its amazing GUI and other vast capabilities, but the command line help benefitted from clarification and expansion. I worked closely with a remote documentation lead and engineering teams to create help for the command line and API, and was a co-owner of the product message catalog.

Here is the top node of the Command Line Interface Support chapter. Note that topics are heavily linked to facilitate navigation, including links to the command line actions and GUI tools.

https://software.intel.com/en-us/node/530002

I created the following topic on Managing Analysis Duration in response to several threads on the Discussion Forum, and the architect was so pleased that he acted as SME. It also served as an example of ″cookbook-style" help:

https://software.intel.com/en-us/node/530016

API Support/ JIT Profiling API

The JIT Profiling API is used by both Intel VTune Amplifier and Intel Inspector, and because of the highly technical content, is generally authored by engineers. For Intel VTune Amplifier, I restructured tables and edited some of the descriptions for clarity, and pulled some of the topic content from rough comments.

https://software.intel.com/en-us/node/529979

Intel® Inspector XE

For Intel Inspector XE, a less mature product, the command line help needed to be updated and expanded, especially when capabilities for managing suppressions were dramatically expanded. Here is a link to the Command Line Interface Support chapter:

https://software.intel.com/en-us/node/527925

Worked closely with the product manager to update and expand the section on suppression tools:

https://software.intel.com/en-us/node/527934

Links to the four versions of the single-sourced Static Analysis Getting Started Tutorials:

https://software.intel.com/sites/products/documentation/doclib/stdxe/2013SP1/inspectorxe/lin/lin_tutorial_static_fortran/index.htm

https://software.intel.com/sites/products/documentation/doclib/stdxe/2013SP1/inspectorxe/lin/lin_tutorial_static_cpp/index.htm

https://software.intel.com/sites/products/documentation/doclib/stdxe/2013SP1/inspectorxe/win/win_tutorial_static_cpp/index.htm

https://software.intel.com/sites/products/documentation/doclib/stdxe/2013SP1/inspectorxe/win/win_tutorial_static_fortran/index.htm

Intel® Advisor XE

For Intel Advisor XE, a new product, I worked with the documentation lead, command line engineer and UX Designer to develop standards for the command line documentation. These standards were later applied to the other products in the suite.

https://software.intel.com/en-us/node/527281

The command line is not used as often for Intel Advisor XE, but it can be, especially in cluster systems.

https://software.intel.com/en-us/node/527289