P2057R0: SG14 SG19 Past, Present and Future Status

Date: 2020-01-13 (Prague)
Project: ISO JTC1/SC22/WG21: Programming Language C++
Audience: SG14, SG19, WG21
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Revision History

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<tr>
<td>P2057R0</td>
<td>Initial version based</td>
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Introduction

Given that SG14 Low latency, Games, Finance, Embedded, Simulations SG has been in existence since 2015, and the recently created SG19 Machine Learning was recently created in 2018, it seems it is good to see what features we have developed for C++, what features we are working on now, as well as what features we are interested in.

In general, it is good to show periodic status of these SGs so people outside to this group can have visibility from outside, and so that we can see what has been done, and what we are aiming for and such that people can comment and join the group’s effort to increase collaboration.

We continue to hold monthly zoom telecons
  ● SG14: 2nd Wednesday 2-4 ET
This table was built by SG14 and SG19 group based on our group recollection. It includes not just features, but defects and issues of interest to the group.

As a summary:

- 2 SG14 features have been adopted into C++
- 7 SG14 features are now in progress
- 3 SG19 features are now in progress
- 2 SG14 features are stalled, but are being restarted
- A number of proposals are starting

This table includes features/issues that are started outside of SG14/19, but are of interest to the domains of these groups.

https://docs.google.com/spreadsheets/d/1JnUJBO72QVURttkKr7gn0_WjP--P0vAne8JBfzbRiy0/edit#gid=0

The table is embedded as as follows:
<table>
<thead>
<tr>
<th>Feature/issue/defect</th>
<th>Author/proposer</th>
<th>Paper</th>
<th>Reason</th>
<th>Status</th>
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