WG21 Papers (especially mine :))

Yehezkel Bernat

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Core C++ Meetup, July 2019

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WG21

My Papers

How to Write a Paper

Summary and References

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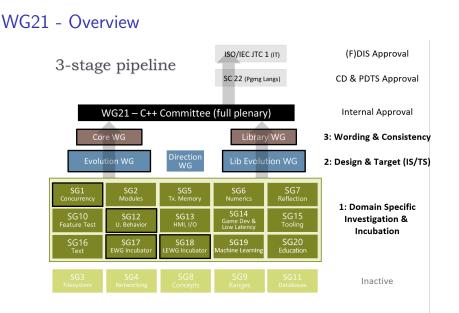
Outline

WG21

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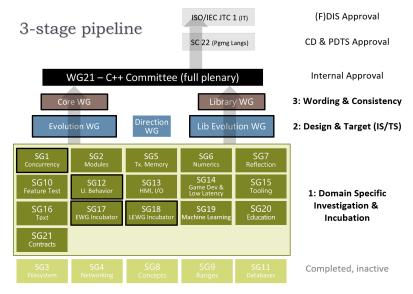
How to Write a Paper

Summary and References



https://isocpp.org/std/the-committee (pre-Cologne)

WG21 - Overview - Updated



https://isocpp.org/std/the-committee

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Many papers start with the relevant SG(s)





- SG1 Concurrency
- ► SG7 Reflection



SG1 - Concurrency

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- ► SG7 Reflection
- SG12 UB

- ► SG1 Concurrency
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- SG12 UB
- SG13 Human-Machine Interface

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- SG1 Concurrency
- SG7 Reflection
- SG12 UB
- SG13 Human-Machine Interface

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SG14 - Low Latency

- SG1 Concurrency
- SG7 Reflection
- SG12 UB
- SG13 Human-Machine Interface

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- SG14 Low Latency
- ► SG15 Tooling

- SG1 Concurrency
- SG7 Reflection
- SG12 UB
- SG13 Human-Machine Interface

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- SG14 Low Latency
- SG15 Tooling
- SG16 Text

- SG1 Concurrency
- SG7 Reflection
- SG12 UB
- SG13 Human-Machine Interface
- SG14 Low Latency
- SG15 Tooling
- SG16 Text
- SG17 EWGI / SG18 LEWGI

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- SG1 Concurrency
- SG7 Reflection
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SG19 - Machine Learning

- SG1 Concurrency
- SG7 Reflection
- SG12 UB
- SG13 Human-Machine Interface
- SG14 Low Latency
- SG15 Tooling
- SG16 Text
- SG17 EWGI / SG18 LEWGI

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- SG19 Machine Learning
- SG20 Education

- SG1 Concurrency
- SG7 Reflection
- SG12 UB
- SG13 Human-Machine Interface
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- SG19 Machine Learning
- SG20 Education
- SG21 Contracts

Outline

WG21

My Papers

How to Write a Paper

Summary and References

SG20 and me



SG20 and me

▶ P1389 - guidelines for teaching C++ to begginers

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- P1389 itself isn't relevant anymore... suppressed by P1725 -Modular Topic Design

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Paper started as an issue in GitHub

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- Paper started as an issue in GitHub
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- Results:



 tahonermann commented 3 days ago

 SG16 2019-07 review in Cologne

 Polls:

 P1747R0 - Paper as proposed.

 SF
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 A
 SA

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 2
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 That has consensus.
 Dropping the SG16 label.

P1749 - Access control for reflection

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The content of the paper

P1749 - Results

P1749 Access control for reflection #510

(Closed wg21bot opened this issue 27 days ago - 1 comment

wg21bot	comme	nted 27	days ago)					Collaborator	+	
P1749R0 Access control for reflection (Yehezkel Bernat)											
* 3 wg21bot added this to the 2019-07 milestone 27 days ago											
S (3 wg21bot added the SG7 label 27 days ago											
hanickadot commented 2 days ago									Collaborator	+	
We want to revisit the decision to reflect on parameter names?											
SF Ø		N 2		SA 30							
Do we want to revisit the decision around reflection bypassing access control?								ontrol?			
SF Ø	F Ø	N 1	A 11	5A 36							

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WG21

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Find something you really care about or interested with

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- Read the relevant papers (current and previous ones) and previous decisions done

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- ... and relevant sections in current standard, if it isn't a totally new feature
- Not everything must be a paper (PR or issue in GitHub for editorial fixes; DR for small bugs)
- Be prepared to come and present it, or find someone else to do it ("champion" it)

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MarkDown - e.g. see Michael Park's blog post



► LATEX

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HTML

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- HTML
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 - meta tag in the document (<meta http-equiv="refresh"
 content="1" >)

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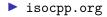
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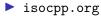
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Be ready for the feedback



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https://isocpp.org/std/submit-issue - how to submit a new DR

isocpp.org

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wg21.link - many useful shortcuts to various info

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isocpp.org

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https://tabatkins.github.io/bikeshed - Bikeshed documentation







wg21.link/p1747 - Don't use 'char8_t' and 'std::u8string' yet in P1389

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- wg21.link/p1749 Access control for reflection

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- wg21.link/p1748 Fill in [delay.cpp] TODO in P1389
- wg21.link/p1749 Access control for reflection
- https://github.com/YehezkelShB/cpp_proposals