

Bibliography

- [1] P. Wadler, "Expression problem," [Online]. Available: http://en.wikipedia.org/wiki/Expression_problem.
- [2] Adobe, "Runtime Concepts - Proxy Dilemma," [Online]. Available: http://stlab.adobe.com/wiki/index.php/Runtime_Concepts#The_Proxy_Dilemma.
- [3] R. C. Martin, "The Dependency Inversion Principle," [Online]. Available: <http://www.objectmentor.com/resources/articles/dip.pdf>.
- [4] M. Marcus, J. Järvi and S. Parent, "Runtime Polymorphic Generic Programming - Mixing Objects and Concepts in ConceptC++".
- [5] S. Watanabe, "Boost.TypeErasure," [Online]. Available: http://www.boost.org/doc/libs/1_56_0/doc/html/boost_typeerasure.html.
- [6] A. Sutton, *Technical Specification: Concepts*, 2014.
- [7] A. Krzemiński, "Type erasure — Part I," [Online]. Available: <http://akrzemi1.wordpress.com/2013/11/18/type-erasure-part-i/>.
- [8] Adobe, "Adobe.Poly," [Online]. Available: http://stlab.adobe.com/group__poly__related.html.
- [9] P. Jahkola, "Poly. Solving The Expression Problem in C++11," [Online]. Available: <https://github.com/pyrtsa/poly>.
- [10] J. Turkanis, "Boost.Interfaces," [Online]. Available: <http://www.coderage.com/interfaces/>.
- [11] "Boost C++ Libraries," [Online]. Available: <http://www.boost.org/>.
- [12] G. Baumgartner and V. F. Russo, "Signatures: A Language Extension for Improving Type Abstraction and Subtype Polymorphism in C++," *Computer Science Technical Report*, 1995.
- [13] GNU, "Extensions to the C++ Language," [Online]. Available: https://gcc.gnu.org/onlinedocs/gcc-2.95.3/gcc_5.html#SEC112.
- [14] V. F. R. Gerald Baumgartner, "Implementing Signatures for C++," *ACM Transactions on Programming Languages and Systems*, vol. 19, no. 1, pp. 153-187, 1997.
- [15] Adobe, "Adobe Source Libraries," [Online]. Available: http://stlab.adobe.com/group__asl__overview.html.

- [16] S. Parent, "Concept-Based Runtime Polymorphism," 17 5 2007. [Online]. Available: http://stlab.adobe.com/wiki/images/c/c9/Boost_poly.pdf.
- [17] P. Pirkelbauer, S. Parent, M. Marcus and B. Stroustrup, "Runtime Concepts for the C++ Standard Template Library," in *23rd ACM symposium on applied*, Fortaleza, Ceara, Brazil, 2008.
- [18] S. Parent, "Inheritance Is The Base Class of Evil," 6 12 2013. [Online]. Available: http://www.google.com/url?q=http%3A%2F%2Fchannel9.msdn.com%2FEvents%2FGoingNative%2F2013%2FInheritance-Is-The-Base-Class-of-Evil&sa=D&sntz=1&usg=AFQjCNHVlpf_jVleF8l3kBy0FblJ9lq5gA.
- [19] S. Watanabe, "Syntax Limitations of Boost.TypeErasure," [Online]. Available: http://www.boost.org/doc/libs/1_56_0/doc/html/boost_typeerasure/any.html#boost_typeerasure.any.limit.
- [20] S. Watanabe, "Defining Custom Concepts with Boost.TypeErasure," [Online]. Available: http://www.boost.org/doc/libs/1_56_0/doc/html/boost_typeerasure/concept.html#boost_typeerasure.concept.custom.
- [21] S. Watanabe, "Overloading with Boost.TypeErasure," [Online]. Available: http://www.boost.org/doc/libs/1_56_0/doc/html/boost_typeerasure/concept.html#boost_typeerasure.concept.overload.
- [22] C. Diggins, "Object Oriented Template Library (OOTL) Version 0.1," [Online]. Available: <http://www.artima.com/weblogs/viewpost.jsp?thread=81724>.
- [23] C. Diggins, "Smart Interface Pointers in Boost.Interfaces," [Online]. Available: <http://www.coderage.com/interfaces/libs/interfaces/doc/index.html>.
- [24] Z. Laine, "Pragmatic Type Erasure: Solving OOP Problems w/ Elegant Design Pattern," [Online]. Available: <https://www.youtube.com/watch?v=0IOFD3N5cgM>.
- [25] B. Stroustrup, "Make Simple Tasks Simple!," 09 2014. [Online]. Available: <https://www.youtube.com/watch?v=nesCaocNjtQ>.
- [26] A. Krzemiński, "Value Semantics," 3 2 2012. [Online]. Available: <http://akrzemi1.wordpress.com/2012/02/03/value-semantics/>.
- [27] S. Parent, "C++ Seasoning," 2013. [Online]. Available: <http://channel9.msdn.com/Events/GoingNative/2013/Cpp-Seasoning>.
- [28] D. Gregor, J. Jarvi, J. Siek, B. Stroustrup, G. D. Reis and A. Lumsdaine, "Concepts: Linguistic Support for Generic Programming in C++," in *OOPSLA'06*, Portland, 2006.

- [29] K. Henney, "Boost.Any," 2001. [Online]. Available: http://www.boost.org/doc/libs/1_56_0/doc/html/any.html.
- [30] B. Stroustrup, "Simplifying the use of concepts," 21 06 2009. [Online]. Available: <http://www.open-std.org/Jtc1/sc22/wg21/docs/papers/2009/n2906.pdf>.
- [31] D. Gregor, B. Stroustrup, J. Widman and J. Siek, "N2617 - Proposed Wording for Concepts (Revision 5)," 19 05 2008. [Online]. Available: <http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2008/n2617.pdf>.
- [32] R. Johnson, J. Vlissides, R. Helm and E. Gamma, Design Patterns: Elements of Reusable Object-Oriented Software, Pearson Education, 1994.
- [33] M. Lipovaca, "Learn You A Haskell," [Online]. Available: <http://learnyouahaskell.com/types-and-typeclasses>.
- [34] R. Lämmel, "Advanced Functional Programming - The Expression Problem," 10 8 2010. [Online]. Available: <http://channel9.msdn.com/Shows/Going+Deep/C9-Lectures-Dr-Ralf-Laemmel-Advanced-Functional-Programming-The-Expression-Problem>.
- [35] P. Walton, "A Gentle Introduction to Traits in Rust," 8 8 2012. [Online]. Available: <http://pcwalton.github.io/blog/2012/08/08/a-gentle-introduction-to-traits-in-rust/>.
- [36] B. Milewski, "C++ Concepts: a Postmortem," [Online]. Available: <http://bartoszmilewski.com/2010/06/24/c-concepts-a-postmortem/>.
- [37] A. Sutton, 9 2014. [Online]. Available: <https://www.youtube.com/watch?v=NZeTAnW5LL0>.
- [38] A. Sutton, "The Origin Library," [Online]. Available: <https://github.com/asutton/origin>.