

Abstract: Evolution of SASyLF 2008-2021

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Abstract SASyLF was released in 2008 and used as a proof assistant in courses at several universities. It proved itself useful and has continued to be used, and each iteration of use has encouraged further development: fixing bugs and adding enhancements. This paper describes how SASyLF was developed while keeping true to its purpose. Most notable are making substitutions explicit, support of and/or, support for mutual and lexicographic induction and IDE support.