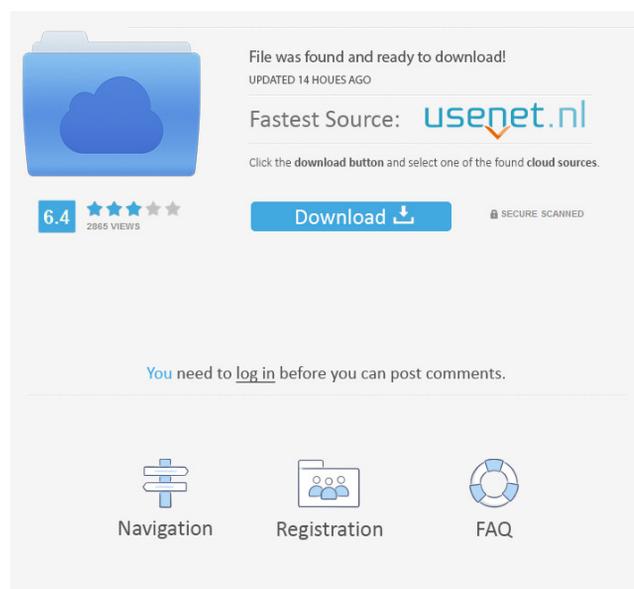


Cited by 1 See also Action research Language-teacher research Language teaching research References External links Official Internet site for the British Association for Language Learning and Teaching Official website for the European Council of Teachers of English Official website for the European Union of EFL teachers and trainers Category:Applied linguistics Category:Language education Category:Research methods Category:Action research

As you may know, Apple has been accused of using closed-source software and in some instances tracking users. At WWDC 2017, Craig Federighi stated that Apple is “committed to open source” and that he plans to write his own open source applications for the macOS. Today, Apple announced on their open source blog that they are

extending the same philosophy with the first open source Mac operating system, ‘Cocktail’, the first open source Mac. “Cocktail is the first open source version of macOS, meaning the core operating system, the kernel, and the command line tools will be open source, as will the entire Cocoa application framework. Cocktail also includes a customized version of Xcode, the main developer and testing tool for macOS. Our commitment is to build an open source operating system that gives developers access to the highest-quality developer tools and services, and allows the community to use these tools to create even more sophisticated software” “We’re building a new operating system that developers will really appreciate, and we’re committed to sharing the code with developers at the same time. We’ll keep making incremental improvements over time. If we do it right, the end result will be a macOS that’s more powerful and more capable than anything that has come before, and that’s really the goal.” The team is still hard at work,

with the goal being to launch Cocktail by the end of the year. You can sign up to get an early-access version at this link. Mucosal production of IL-1 and IL-2 by draining lymph nodes after systemic sensitization in rabbits. Lymph nodes are the first sites where the immune response against environmental antigens takes place and can be considered as 'first order' in the development of mucosal immune responses. Using monoclonal antibodies, we have investigated whether IL-1 and IL-2 are produced by both draining and peripheral lymph nodes after subling



Action Research for Language Teachers
by Michael J. Wallace. (Cambridge
Teacher Training and Development).
Practical Action Research Teaching
Culture in the Primary Classroom
(Learning English Studies). Action
Research Teachers' Self-Assessment in
English Language Teaching. Action
Research The Second Life of Action
Research in Teaching English as a Lingua
Franca by Xue-Ming Zhang. Rau,
Hongyan, & Li, Yonghong. (2017). Action
Research Introduction. By country Sweden
Cited by 13 Wallace, M. J. (1995).
Swedish action research in teacher
education. In T. Lindman & M. Lissner
(Eds.), Teaching as learning: Student

assessment in teacher education (pp. 69–80). Gothenburg: University of Gothenburg.. Tisch, R. B. (1988). The action research method in teacher education. *Journal of Teacher Education*, 39(2), 229–239.. The Swedish Teacher Education Act. (2003). Retrieved from: Austria Cited by 8 Bygget, C. H. (2008). Action Research in Austrian Teacher Education: Insights from Practice. In A.Havermans, D. Verbruggen & M.L. Johnson (Eds.), *Action research in education: Reflections and perspectives*. (pp. 105–121). London & New York: Routledge. Cited by 1 Cited by 1 Gschwandtner, H. and Petersen, H. (2002) ‘Action Research in the Austrian School of Teacher Education’. *The International Review of Research in Teaching* 24,

693-708. Portugal Cited by 5 Almeida, J., & Costa, M. (2017). Difícil fazemos coisas simples? O uso do caso de estudo da ação-reflexividade na construção de um conteúdo didático. (Fórum Educacional - Revista do Incisivo), 2d92ce491b