# Software Evolution

"All programming activity that is intended to generate a new software version from an earlier operational version“  
Manny Lehman and Juan Ramil (2000)

<table>
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<tr>
<th>Topic</th>
<th>Paper</th>
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</table>
• Michael W. Godfrey, Qiang Tu: Evolution in Open Source Software: A Case Study. ICSM 2000: 131-142 |
• Audris Mockus, Lawrence G. Votta: Identifying Reasons for Software Changes using Historic Databases. International Conference on Software Maintenance (ICSM'00), 11-14 October 2000, San Jose, California, USA, Proceedings. 120-130 |
• Present the history of Apache and Mozilla |
<table>
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<th>Section</th>
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</table>
- Sudheendra Hangal, Monica S. Lam: Tracking down software bugs using automatic anomaly detection. *ICSE* 2002: 291-301 |
- Eclipse-Demo |
  T. Elrad, R.E. Filman, and A. Bader. Introduction to AOP.  
  T. Elrad (moderator). Discussing aspects of AOP.  
  H. Ossher and P. Tarr. Using multidimensional separation of concerns to (re)shape evolving software.  
  G. Kiczales et al. Getting started with AspectJ.  
Plus at least one paper out of these two (your choice):  