Evolving and maintaining computer systems is expensive. This cost can be anywhere from 50% of total programming effort to 75% of total available effort. In addition, the proportion of effort devoted to maintenance has been increasing: from 35-40% in the 1970s, through 40-60% in the 1980s up to 70-80% in the 1990s.

Huw Evans

Department of Computing Science, The University of Glasgow, Glasgow, Scotland, UK, G12 8RZ