

MD -

Sugar grant

Why this profession?

1. The impact of software developers' work is of very great significance + penetrating increasingly. They are not only heterogeneous group but 2 ~~for~~ disciplines CS + EE educate them + concern themselves with professional standards.

CS people look to engineering methodology or at least to how engs view others' methodology for refining testing methodology for ex {MDL observed this at a thesis? defense what can elaborate?}

So the competition or div of labor between these two areas gives this professionalization effort added interest!

Is it like the division of turf betw architects + civil engineers?

At the same time, it is at least 20 yrs since discussion began about making software development an engineering prof.

So we seek a better understanding of what has held back this development.

What precipitates professionalization

1. Public demands?
2. Practitioners who seek the privileges ~~because~~ <sup>when</sup> they have come through a demanding education & see the burdens and understand their self-interest better?

What are the components of the self-interest that drives ~~professional~~ practitioners to become "professionals" contrast the market-place orientation of those <sup>\*</sup> fund-raising ~~exec~~ executives & soft-ware developers

\* December 7  
of some years  
back

Another interesting feature of this case  
Development of ethical standards in  
tandem with technical standards

A third

The models for disciplining soft-  
ware development incorporate  
business organization factors <sup>in a way</sup> ~~different~~  
~~that contrasts with~~ <sup>from</sup> engineers' standards

eg. The capability maturity model  
integrates ~~the~~ managers and customers  
or clients in decision making and  
assessing