

ABSTRACT

Project based IT industries are differ in the way of developing project management maturity level. In traditional theory it is believed the level of project management maturity give a positive impact on the industry performance. But at the other side contingency theory says that higher level of project management maturity doesn't make higher level of industry performance. The research has an objective to test the traditional theory at the effect of the project management maturity level to the IT industry performance.

The research is empirically proved by using instrument for survey. The survey involve 30 respondent comes from different IT industries with different scale of industry. The instrument been developed from several literature studies. Before the survey is done, the instrument is reviewed by the expert. The instrument is tested using data of the survey by exploratory factor analysis in purpose of validity and reliability test. The data then used for further analysis using linier regression to see the effect of project management maturity level to the performance level of IT industry at Indonesia.

Results of the research provide an empirically tested instrument which is valid and reliable. The data shows the IT industry are on the third level of project management maturity which mean they have a standard on managing projects. The further analysis shows that project management maturity level (X) give an effect to industry performance level (Y) by model of $y = 0.622x + 0.225$. *p-value* of the coefficient number of x is 0,06 which means project management maturity level significantly affect industry performance.

Keywords: project management maturity, IT, Indonesia