

# An Analysis of the Requirements Traceability Problem

Olly Gotel & Anthony Finkelstein

You learn more from your best  
students than you teach them ...

What did we achieve ...

We brought a practical problem and  
set of practices to the attention of  
scientists ...

We provided a working definition and characterised the problem ...

Our characterisation was based upon a substantial empirical and observational study ...

Our conceptual work provided a basis  
of understanding and explaining the  
role and limitations of tools being  
developed concurrently in  
industry...

Requirements traceability is a practical  
success ...

Research has contributed important means by which the limitations of existing techniques might be addressed ...

Meanwhile the game has changed. Agile development signposts important differences in the way we need to think about software development ...

And critically about requirements...

Towards relationship management...

An information substrate for  
engagement and continuous  
interaction ...

Less about documents and more  
about people...

A continuing requirement for  
traceability ...

Compliance and complex global  
properties ...



New structuring primitives ...