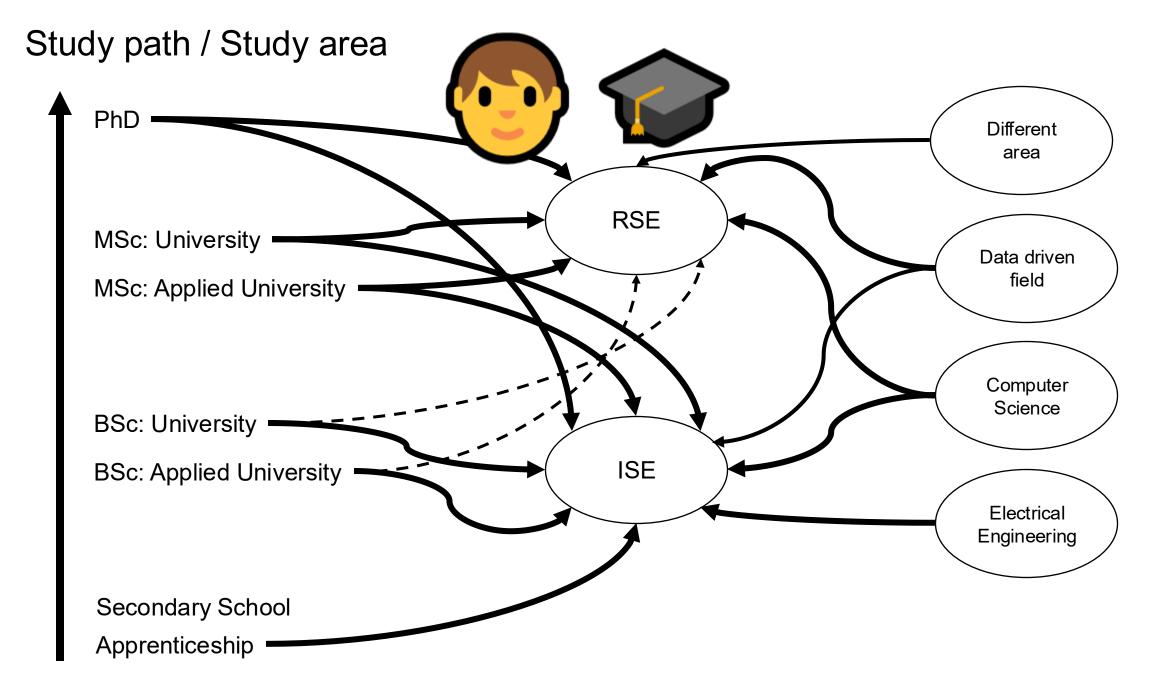


## Agenda

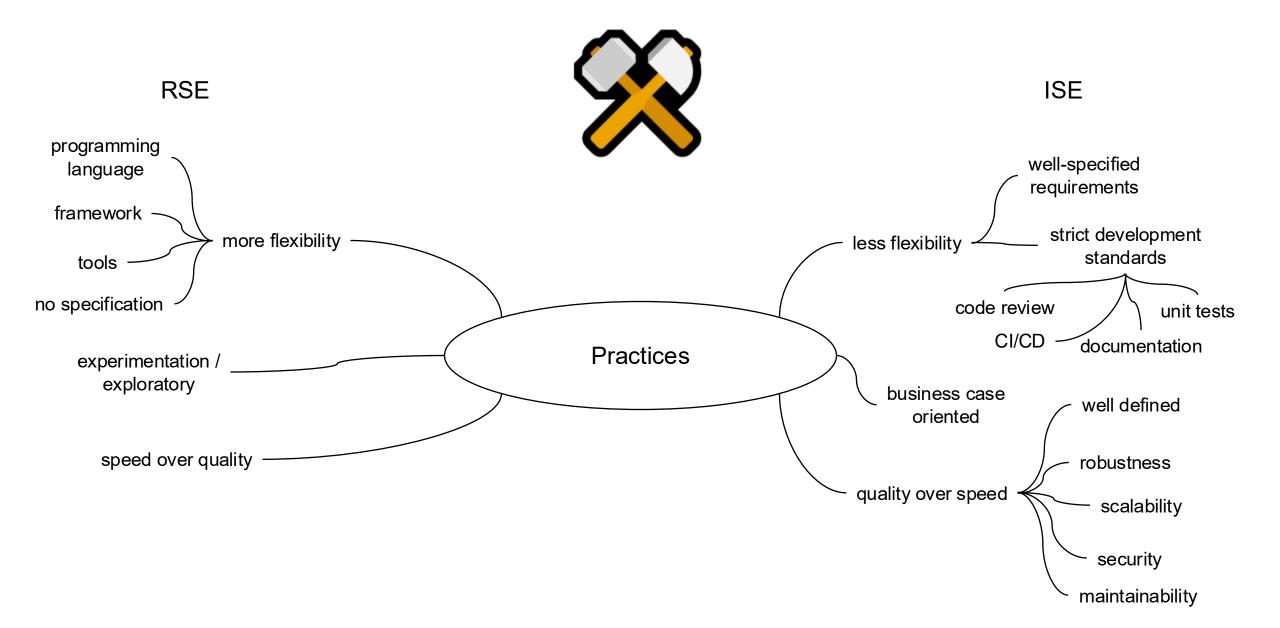
- Overview of the differences
- Combine the best of both worlds
- What's your thoughts?

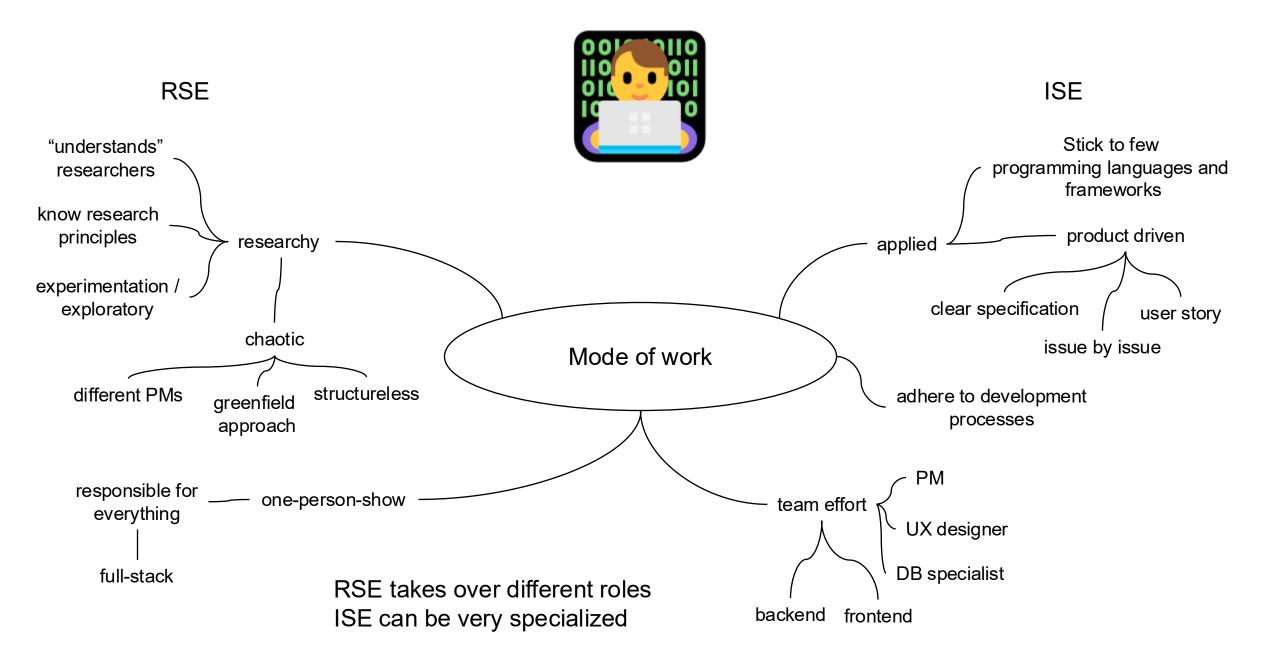




RSE **ISE** generate business value support research production level with software software provide long term support develop prove of concept tools Goals and Focus maintainability means to an end Focus on scalability reliability research priorities performance



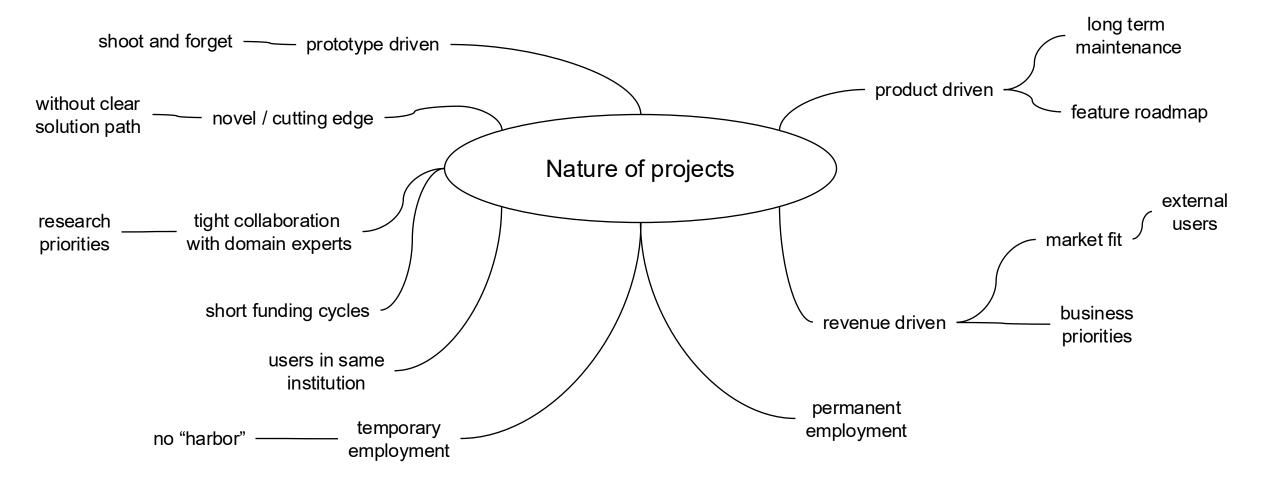


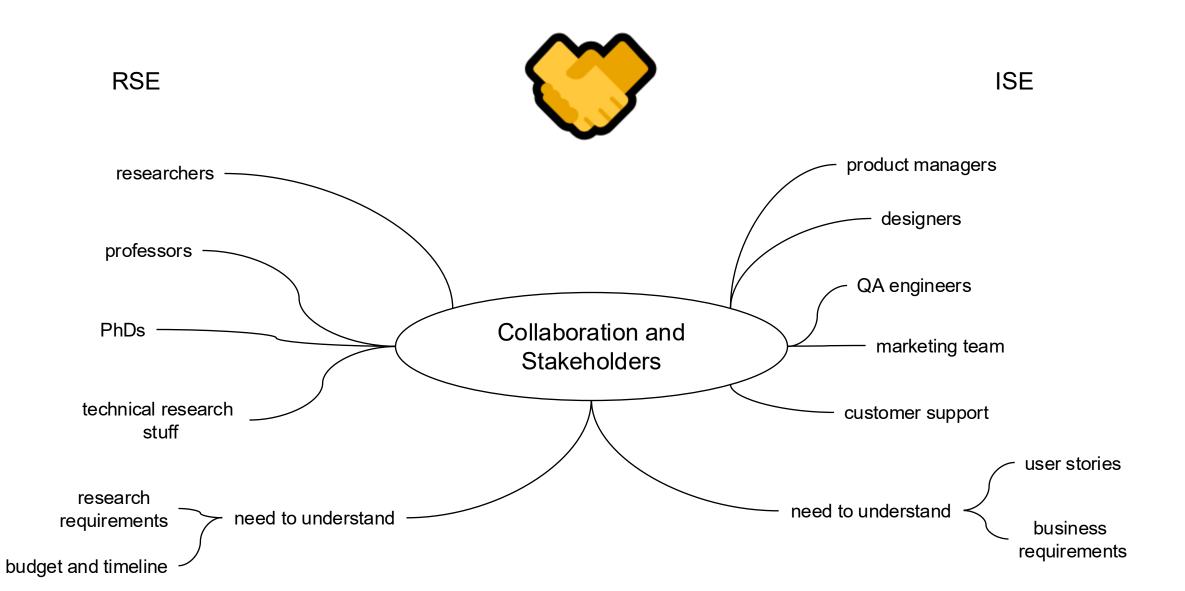


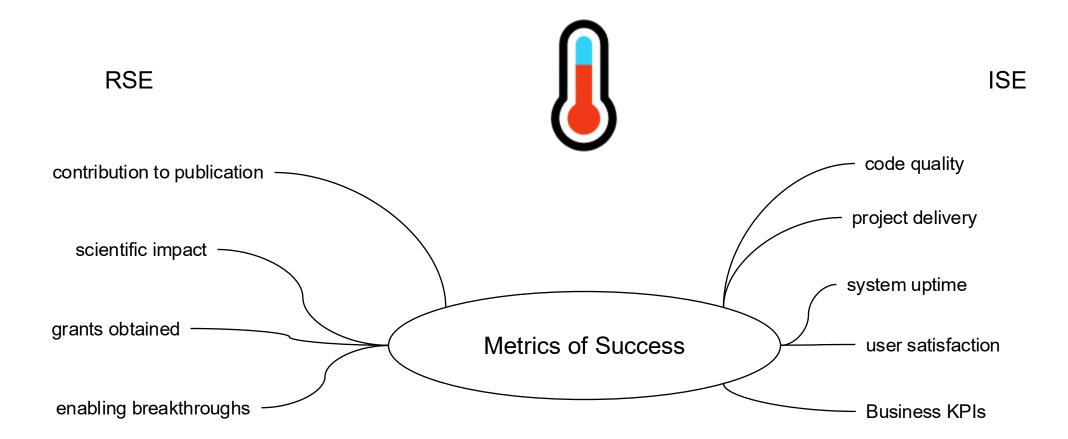
**RSE** 



ISE

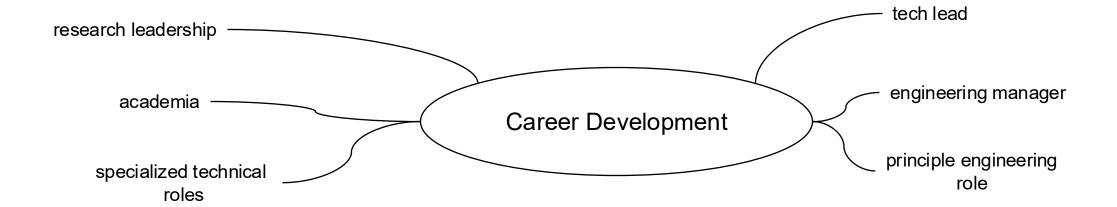






RSE is personally more exposed ISE works "hidden" behind a company

RSE

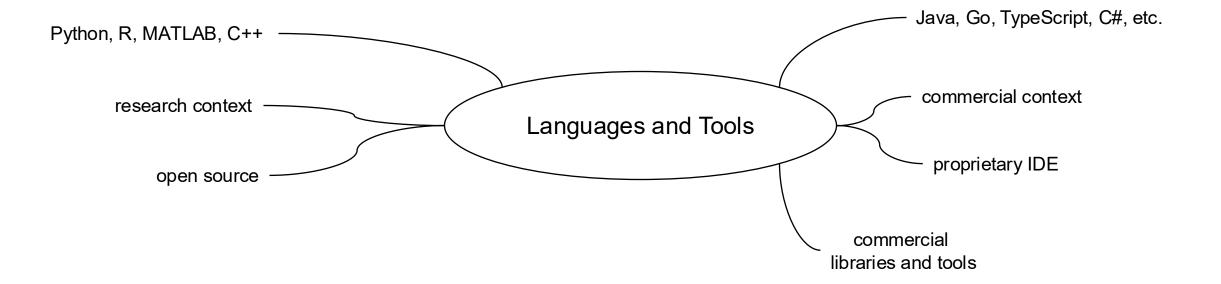




**RSE** 



ISE





## Summary

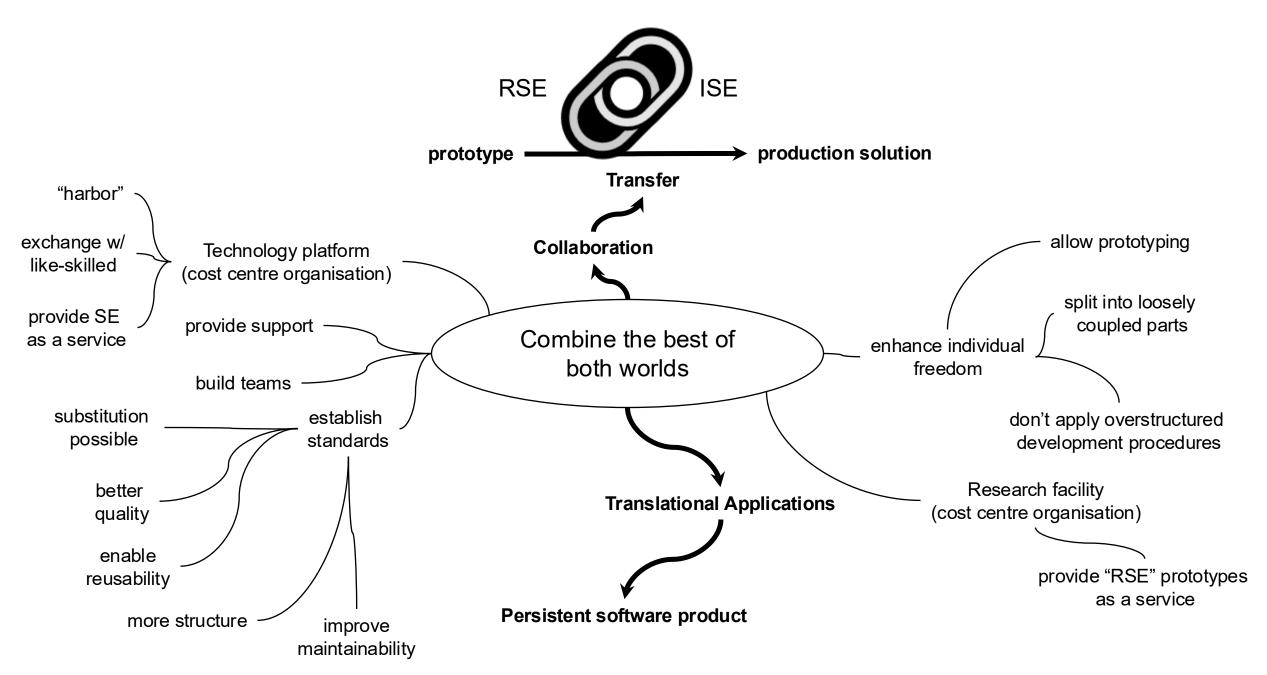
Aspect	Research Software Engineer	Industry Software Engineer
<b>6</b> Goal	Support research	Deliver commercial products
X Code quality focus	Flexible, exploratory	High, standardized
Project type	Experimental, short-term	Product-driven, long-term
Stakeholders	Researchers	Product teams, customers
Success metrics	Publications, scientific impact	Business impact, user metrics
▲ Languages/tools	Python, R, MATLAB, C++ (research context)	Java, Go, TypeScript, C#, etc.
End user	Researchers, academics	Customers, general users

Main differences: purpose and audience



## What about translational projects?





# What's your thoughts?







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