

10 Useful Skills You May Have Learnt Through Being a Programmer – Other Than Programming

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PhUSE 2019

PD02

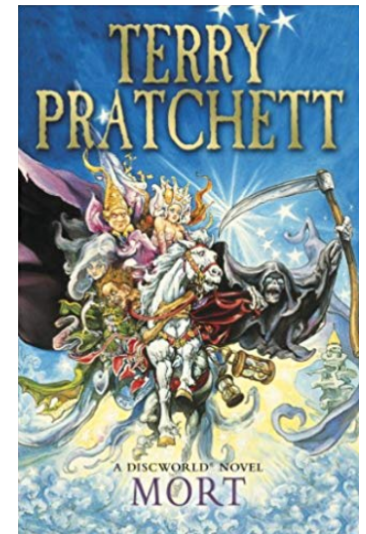
Introduction



1. Problem Solving

“... the awesome splendour of the universe is much easier to deal with if you think of it as a series of small chunks.”

– Terry Pratchett



Step by Step



Step by Step

Roche



Step by Step

Roche



Step by Step

Roche



Step by Step

Roche



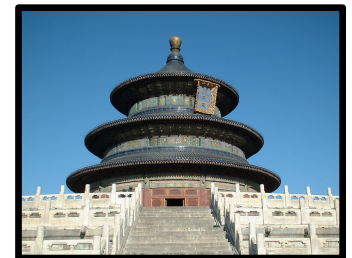
Step by Step

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Step by Step

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Step by Step

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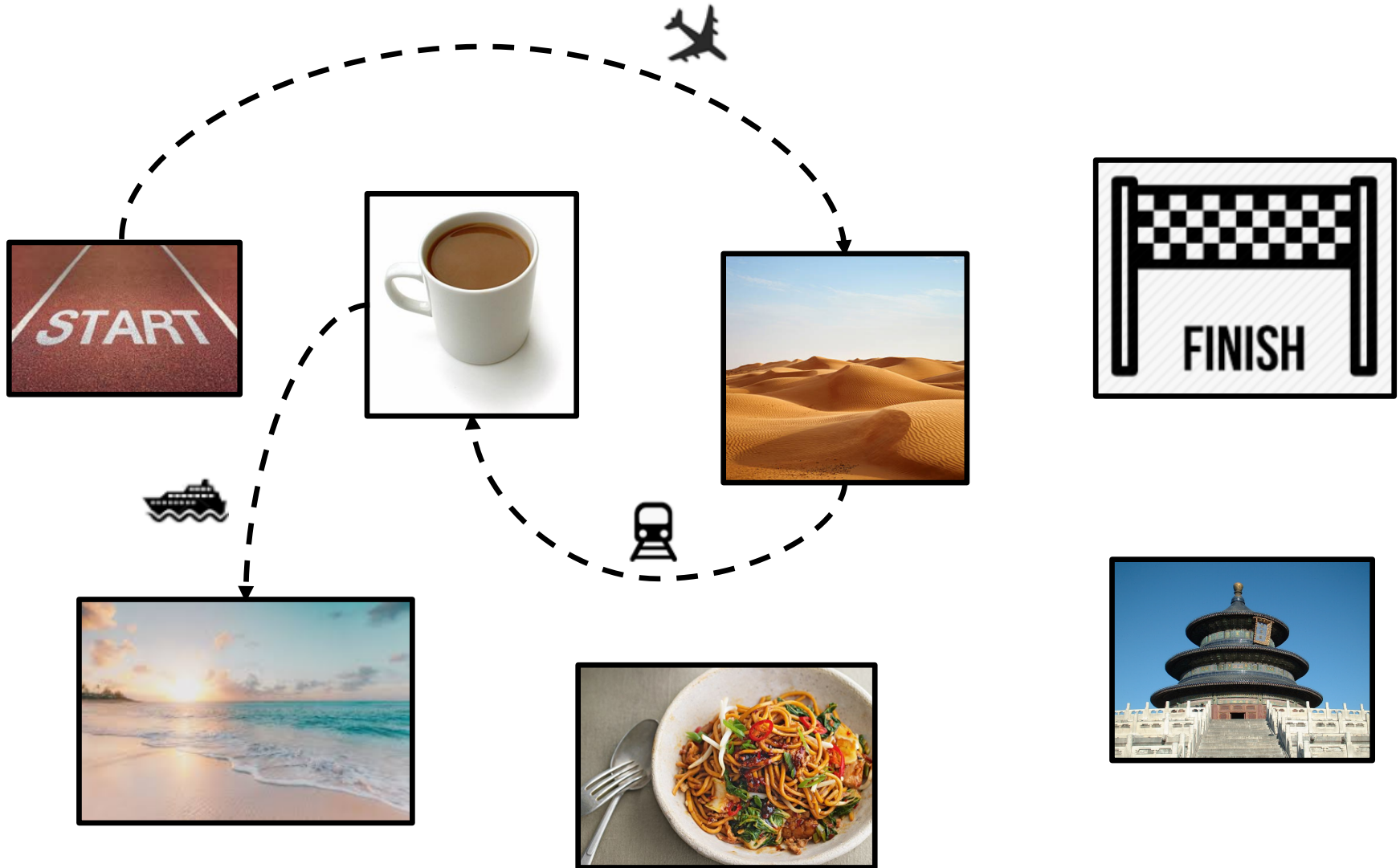
Step by Step

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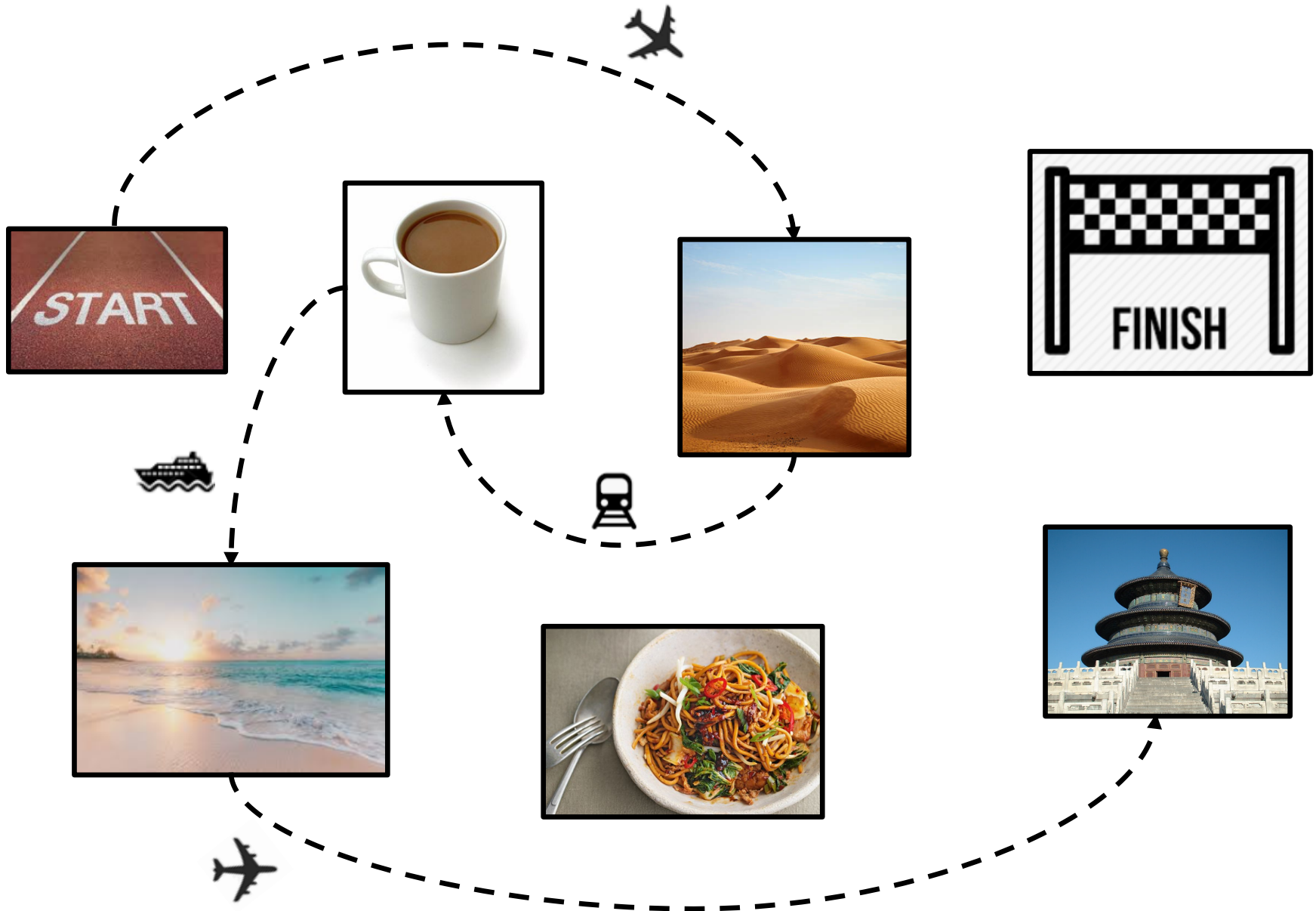


Step by Step

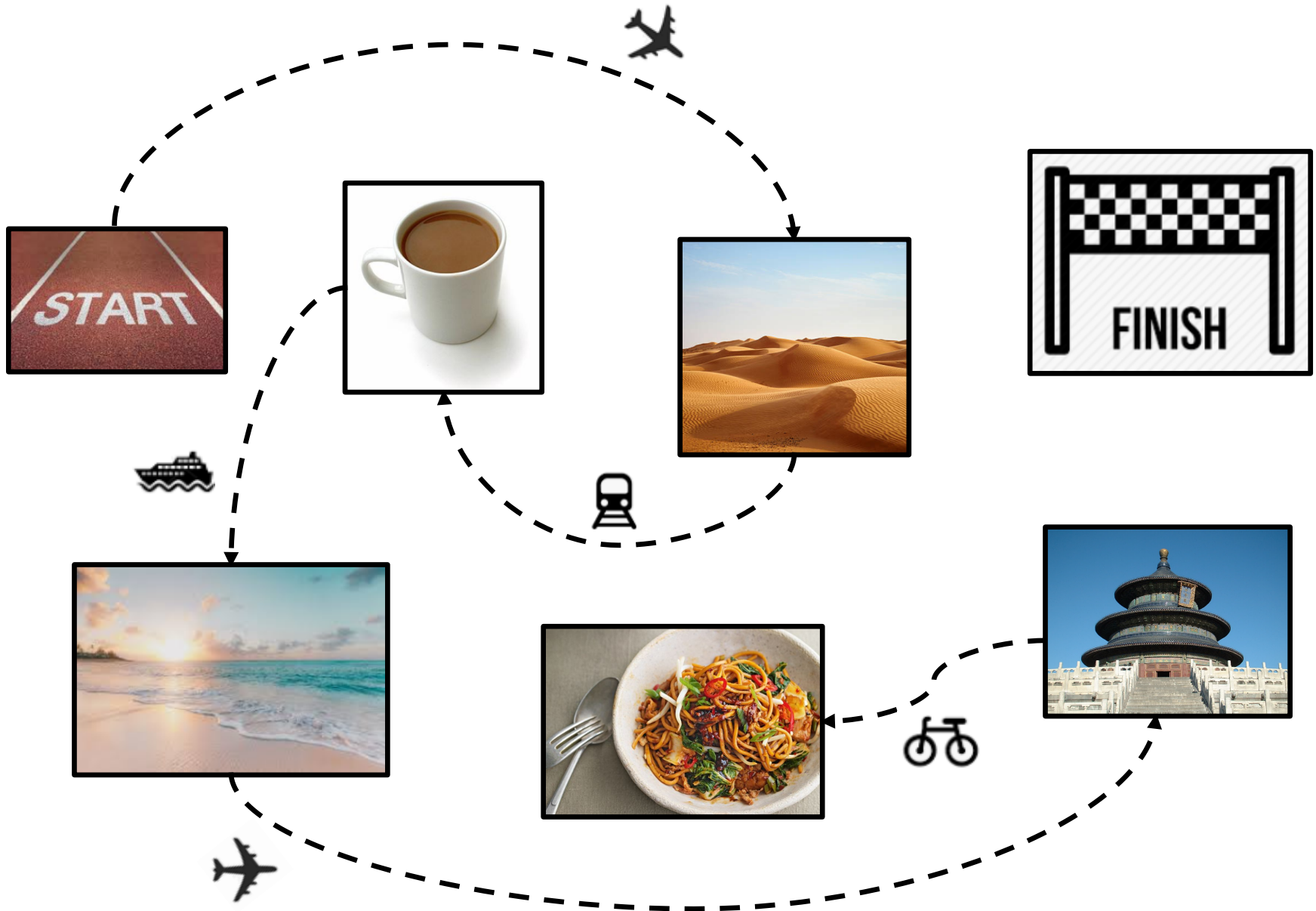
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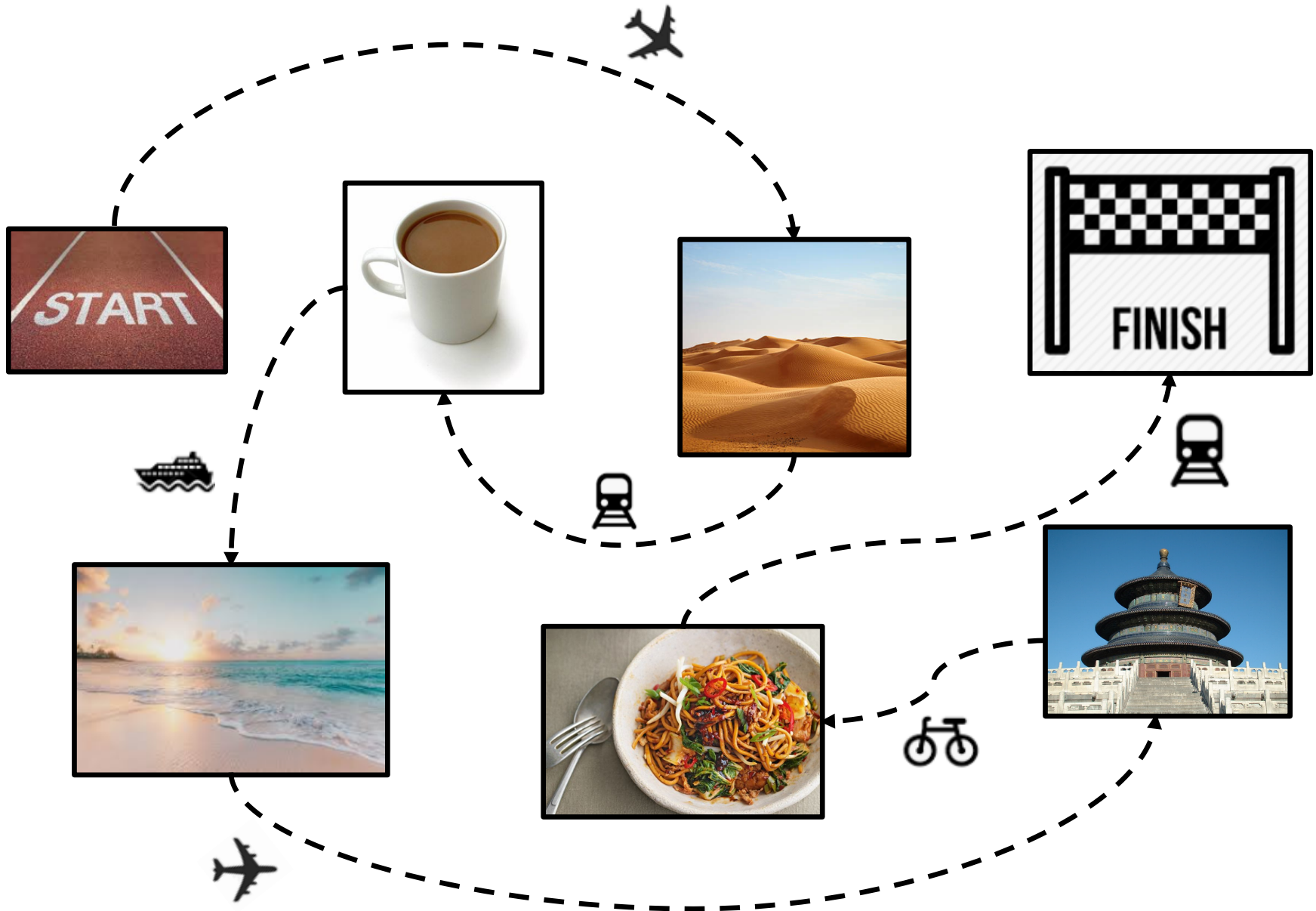
Step by Step



Step by Step



Step by Step



When All Else Fails



When All Else Fails



When All Else Fails



When All Else Fails



2. Coping with Change



What Can Change?

What Can Change?



What Can Change?



What Can Change?



What Can Change?



What Can Change?



Resilience and Understanding



Resilience and Understanding



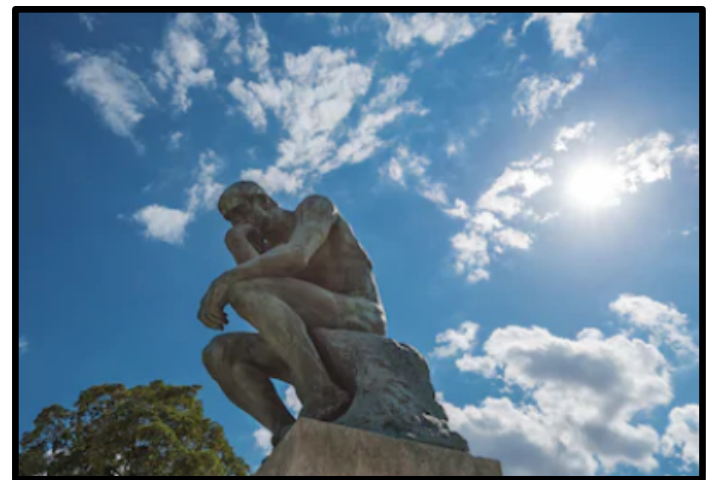
Resilience and Understanding



Resilience and Understanding



Resilience and Understanding



3. Feedback



Where do we get Feedback from?

Where do we get Feedback from?



Where do we get Feedback from?



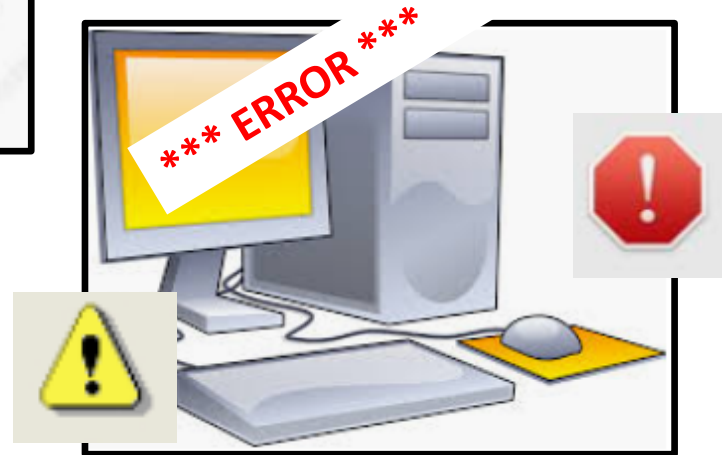
Where do we get Feedback from?



Where do we get Feedback from?



Where do we get Feedback from?



Where do we get Feedback from?



Where do we get Feedback from?



Where do we get Feedback from?



more friendly



Where do we get Feedback from?



more friendly



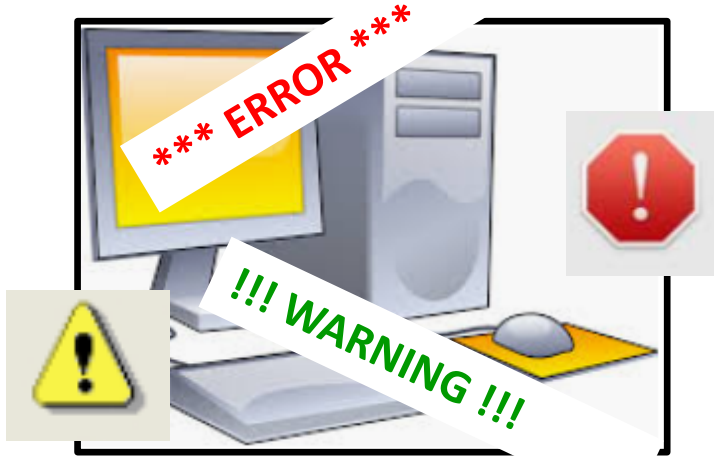
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How Would I Feel about the Feedback?



How Would I Feel about the Feedback?



How Would I Feel about the Feedback?

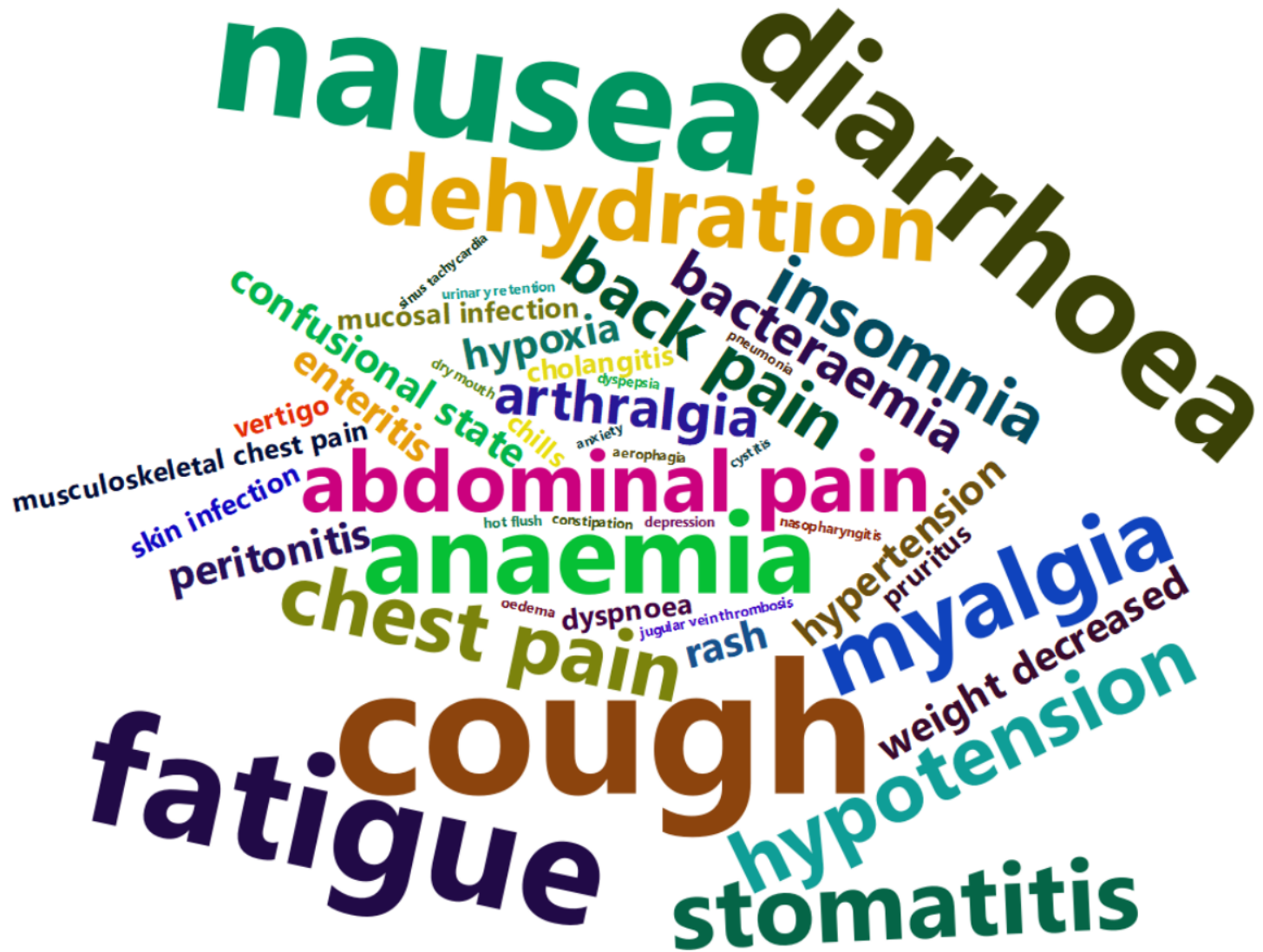


How Would I Feel about the Feedback?



4. Desensitisation





5. Communication

“The limits to our languages are the boundaries to our worlds.”

– Ludwig Wittenstein (adapted quote)

Written Communication



Written Communication



Written Communication



Written Communication



/* No Comment */

Jargon

Jargon



Jargon



6. Coping with Pressure



Where does the pressure come from?



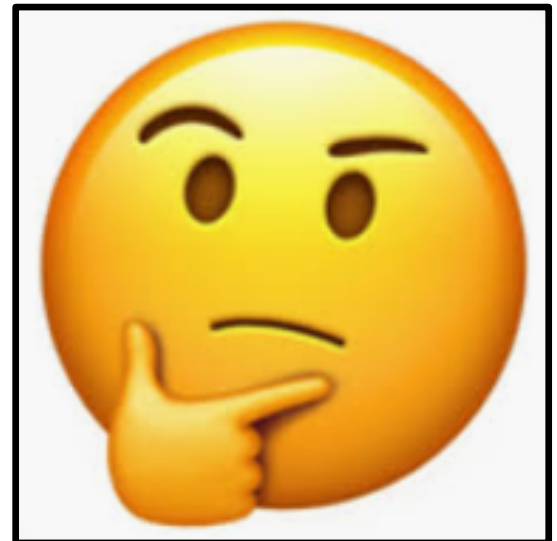
Where does the pressure come from?



Where does the pressure come from?



Where does the pressure come from?



Ways of Dealing with Pressure

Ways of Dealing with Pressure



Ways of Dealing with Pressure



Ways of Dealing with Pressure



7. Coding Can Be Fun





8. Contingency Planning



What Can Go Wrong?



Rush Hour



Rush Hour



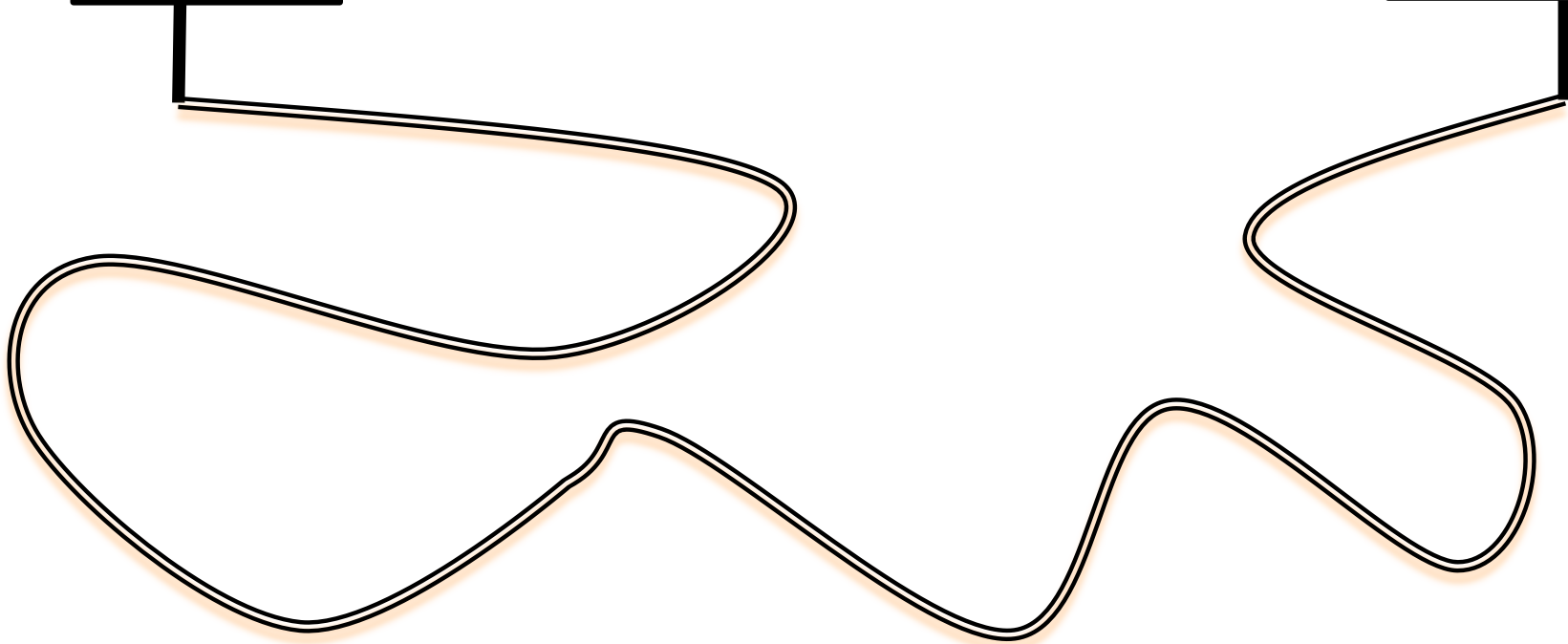
Rush Hour

Roche



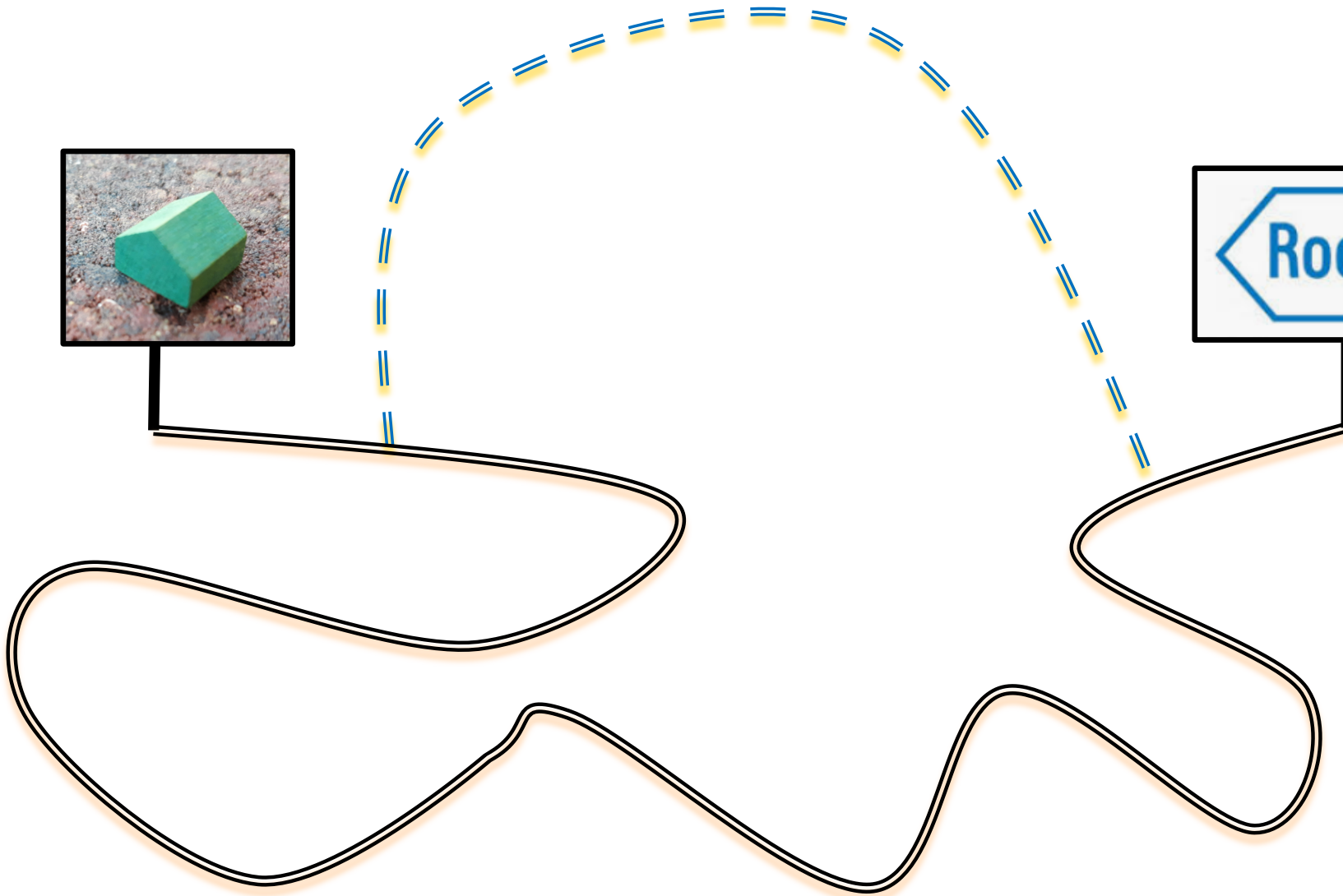
Rush Hour

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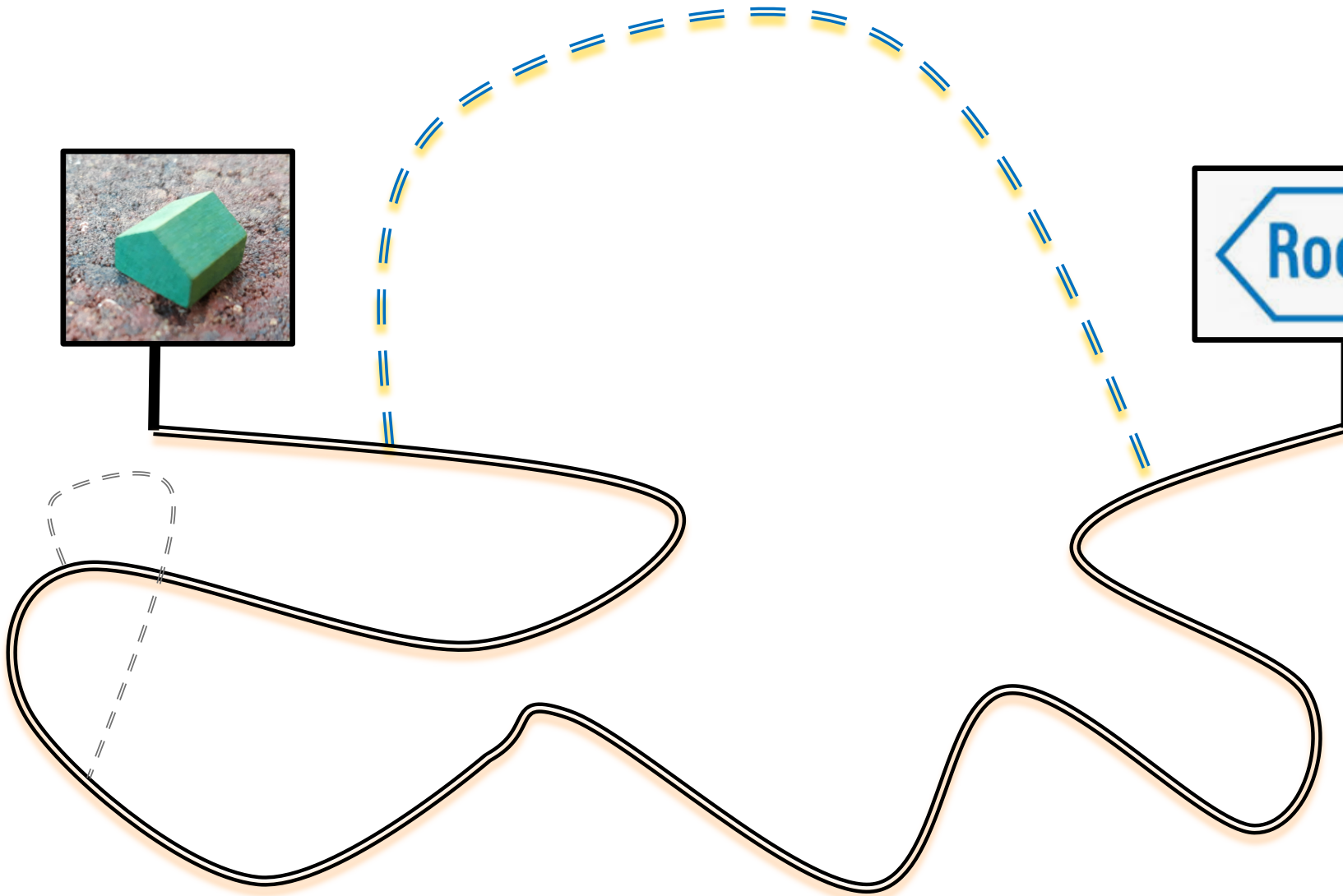
Rush Hour

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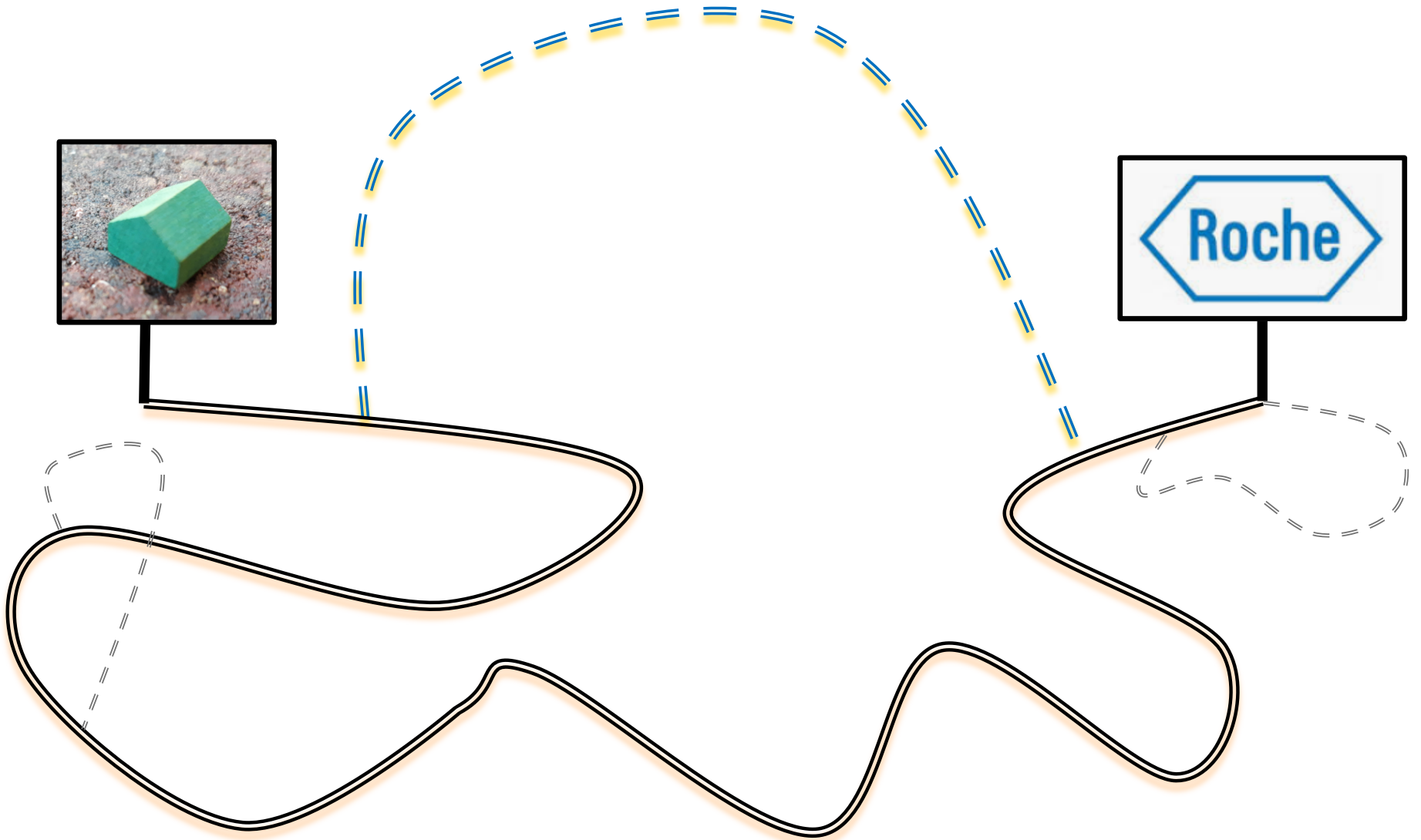
Rush Hour

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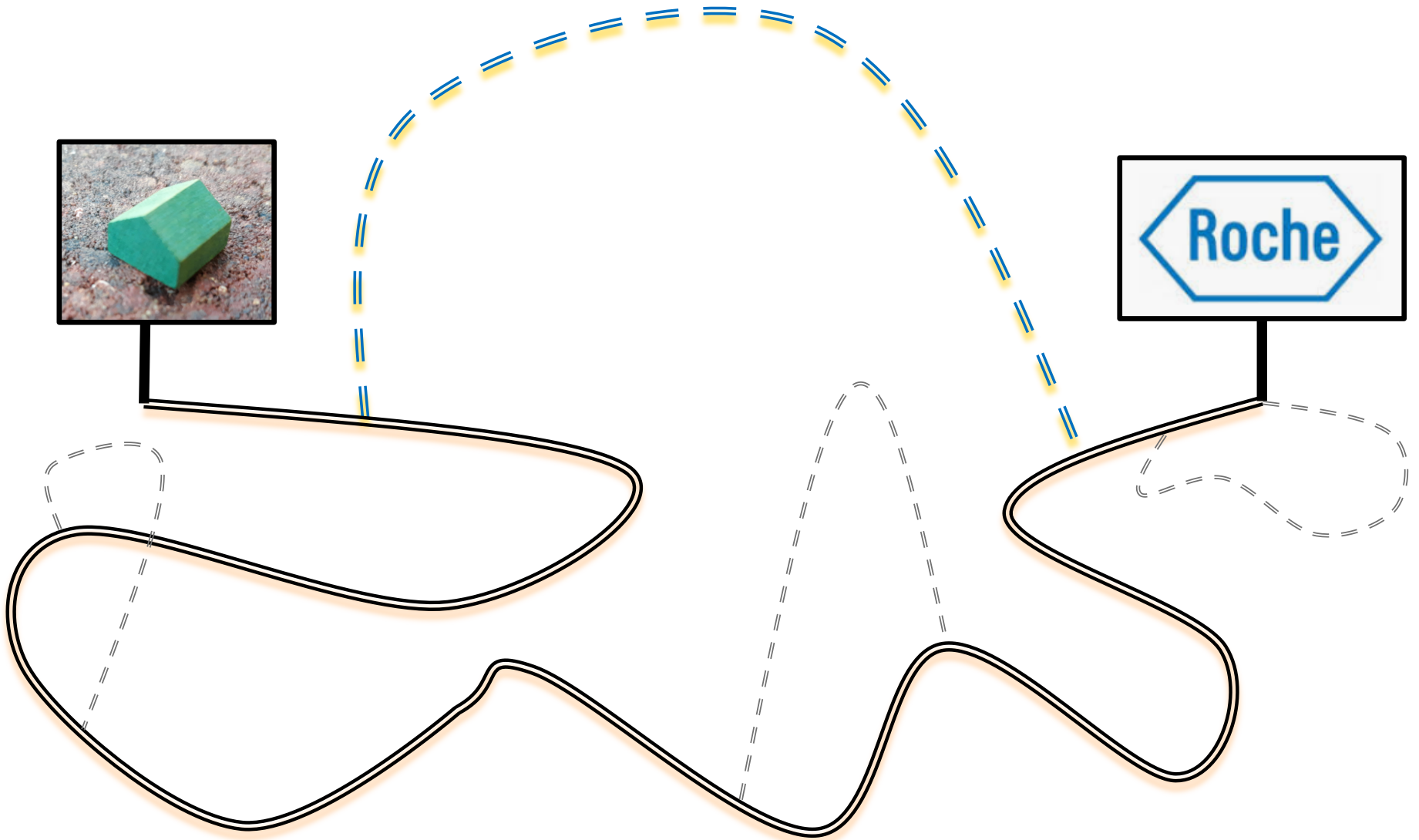
Rush Hour

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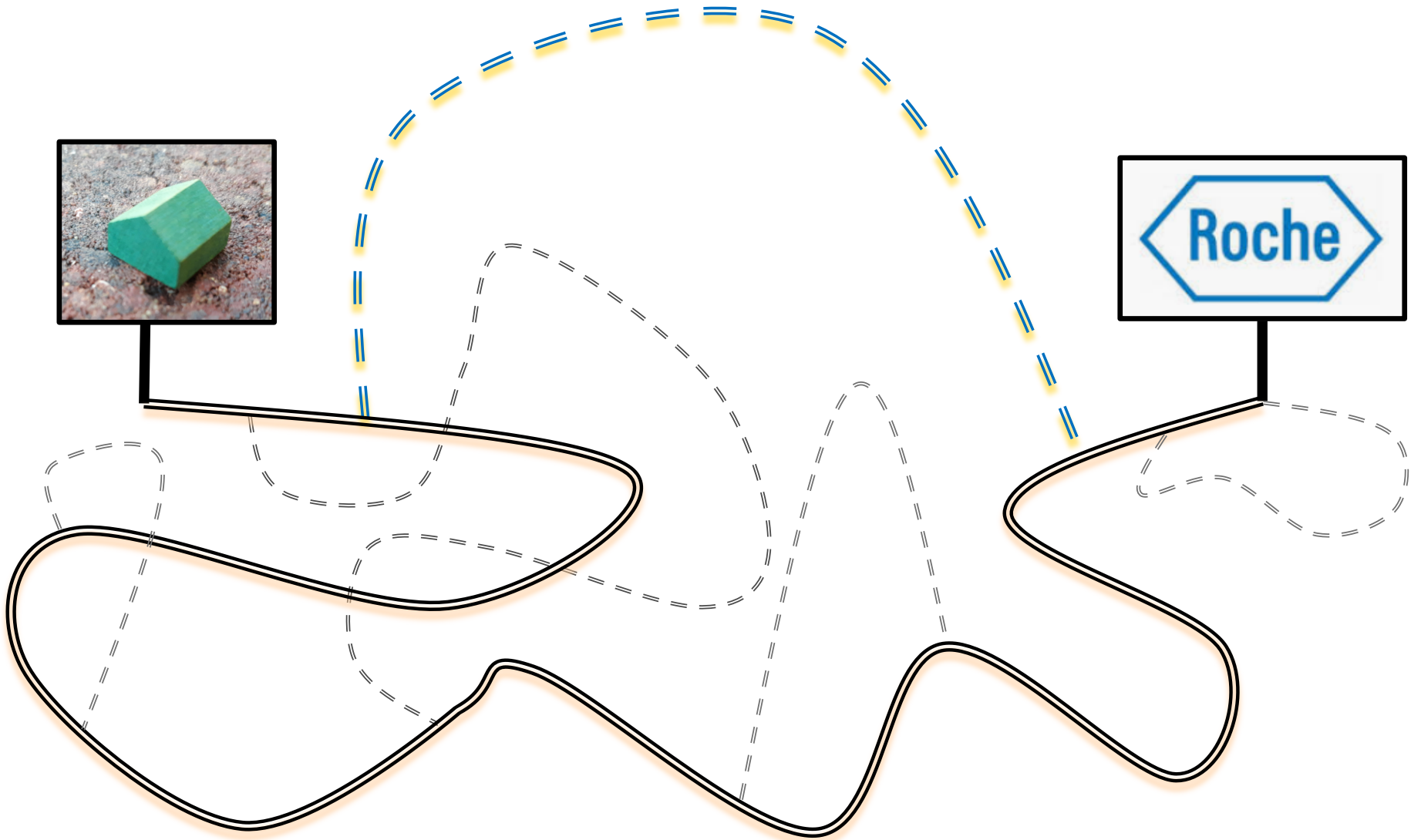
Rush Hour

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Rush Hour

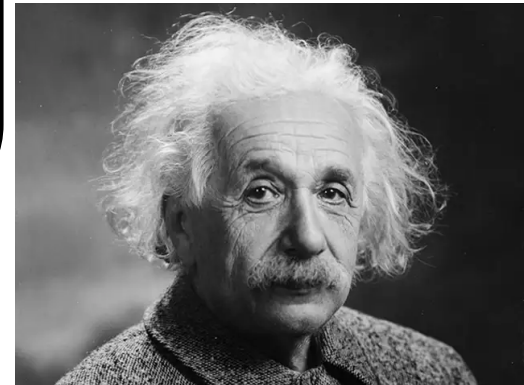
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9. It's OK to Make Mistakes

“If we knew what we were doing, it would not really be called research, would it?”

– Albert Einstein



A Place to Make Mistakes



Testing and Pushing the Limits



Testing and Pushing the Limits



10. Your Own Example

“Experience is the best teacher”

– Latin proverb

My Examples

- | | |
|-----------------------|-----------------------------|
| 1. Problem Solving | 6. Coping with Pressure |
| 2. Coping with Change | 7. Coding Can Be Fun |
| 3. Feedback | 8. Feedback |
| 4. Densensitisation | 9. It's OK to Make Mistakes |
| 5. Communication | 10. ? |

Acknowledgements

- My wife
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- Iain Abernethy — to allow me to use his podcast as a template for this presentation: <https://www.iainabernethy.co.uk/content/10-things-martial-arts-should-have-taught-you-about-life-podcast>

***Doing now what patients need
next***