

# Helix Publishing Pipeline

No more Gulp! Deploy 50x faster with MSBuild



## Who am I?

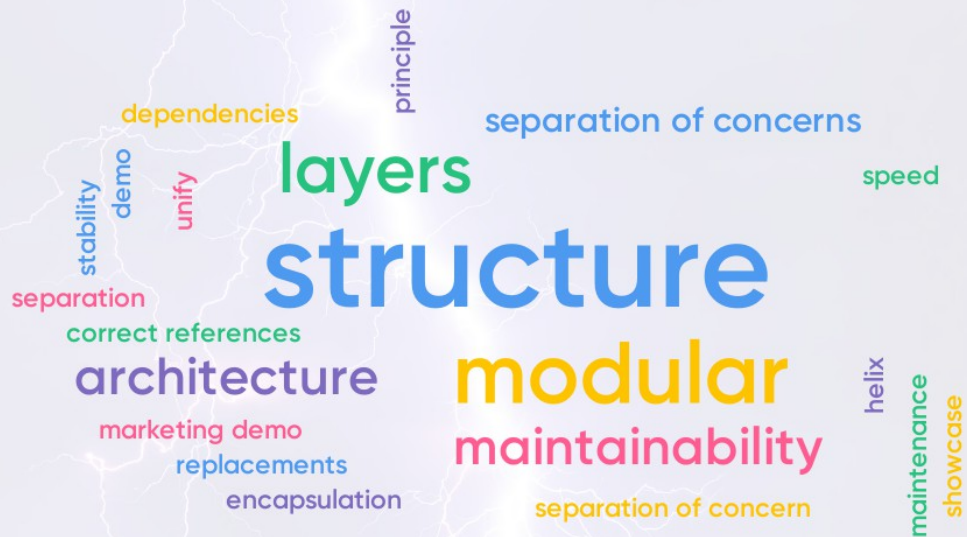
- ex Lead Developer of EXM (sorry)
- On the original Habitat team (sorry)
- MVP 2019
- Consultant and Trainer @ ParTech
- Organiser of SUG UK



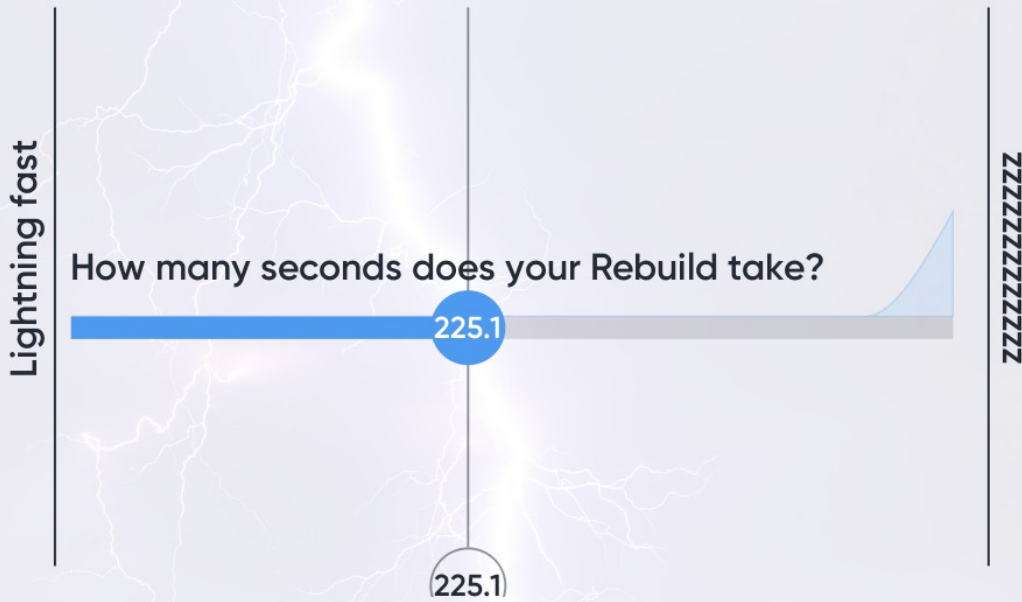
# Describe Habitat in ONE word!



# What is the most important part of Helix?



# Build times



A large, vertical lightning bolt strikes down from the top center of the page, branching out into smaller, fainter bolts. The background is a light, hazy blue-grey gradient.

# The History Of Habitat



## So what Is HPP?

- Extends MSBuild and Command-line workflows
- Uses MSBuild's parallel builds
- Uses Visual Studio's memory optimisations
- Only deploys what has changed
- Avoids AppPool recycles



Mode	Clean (secs)	Subsequent no changes (secs)	Feature view/content change (secs)	Feature code change (secs)
HB+Gulp "Publish-All-Projects"	135	49	57	66
HB+Gulp "Publish-Feature-Layer"	N/A	12	14	16
HB+HPP "CTRL+SHIFT+B"	60	4 ⚡	5 ⚡	9

⚡ No AppPool recycle

What's the effect?



Mode	Clean (secs)	Subsequent no changes (secs)	Feature view/content change (secs)	Feature code change (secs)
Gulp "Publish-All-Projects"	570	330	57	330
HPP "CTRL+SHIFT+B"	60	5 ⚡	5 ⚡	10

⚡ No AppPool recycle

But it scales! My own experience with 70+ projects

A large, faint lightning bolt strikes down the center of the page, with several smaller, branching lightning bolts around it, all set against a light grey background.

# Demo Time



Thank you!

 PARTECH

2  
 questions  
1 upvotes