

Living Legacy:

A Case Study of Collaborative Knowledge Building in the Rāpoi HPC Cluster

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ABSTRACT / INTRODUCTION

Often seen as a “background task”, documentation can play a key role not just in supporting the reproducibility of research, but also in developing a resource that can help build a community of users. This paper will explore the multi-year, iterative development of documentation for Te Herenga Waka’s High Performance Computing Cluster, Rāpoi, and explore its evolution from a few markdown files into a git-backed, version controlled, automatically deployed ecosystem to which users can contribute their own knowledge and use cases. Canvassing the contributions from a range of staff and users, it will illustrate the collaborative nature of documentation, highlighting examples of user-contributed knowledge, and discussing Rāpoi’s documentation as a living legacy of those who developed the service.

ABOUT THE AUTHOR(S)

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Matt is a Senior Research Partner in Victoria University of Wellington’s Research Office, where he works with researchers from different disciplines to facilitate collaborative projects, especially those which utilise technology in innovative and transformative ways. He's assisted with the development of a range of open-source projects, augmented reality applications and research tools.
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