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## **Basic Language Technologies Infrastructure for Minority Languages**

No minority language community in Europe can now escape the all-pervasive presence of digital media in our social and professional environments. All too often this means using the dominant, majority language for digital communication, as insufficient digital tools and resources exist for the minority language to use. However, careful planning and design of a reusable, sustainable set of tools and resources such as electronic dictionaries, corpora and speech datasets can help build a coherent toolkit to support minority languages in the digital sphere.

This paper will look at the importance of language technologies for minority languages, and consider how to build appropriate infrastructures for them. Using a case study from the development of language technologies for Welsh, it will provide some examples of how dictionaries, machine translation, text-to-speech and speech recognition tools have been created to help in language revitalization efforts, and provide practical communication tools for both fluent speakers and language learners.