A difficulty faced by learners and teachers of endangered languages is a lack of reference materials for complex words. Reference grammars may present rules of morphology, but the way that morphemes combine is often unclear for the learner. Verb dictionaries are common for widely spoken languages, but have only begun to appear for indigenous languages. These dictionaries are useful, but expensive and slow to produce.

Our wiki-based paradigm tool automatically generates all forms of a verb. Morphological rules are integrated into the programming, so only non-predictable information need be entered by hand. This tool can be indefinitely expanded. Community language workers can thus add new verbs without recourse to programmers or linguists. Our prototype uses complex verbs from Dene languages, illustrating how such a system can generate word forms quickly and easily.

Tools of this kind, readily expandable, relatively inexpensive and accessible to anyone with a cell phone, offer obvious benefits to learners, educators, and researchers.