than average. Functions like the hypertext facility required about two engineering-months of effort. The framework is about 17,000 lines of Pascal code, as is the collection of worldviews.

For the functions provided, we are convinced this approach will make it possible to develop new interactive tools rapidly and extend tools easily as we enlarge the system.

We have been using the LNP worldview as our editing and code-generation environment for several months and are quite enthusiastic about it. RPDE compares favorably with our experience with several other structural, syntax-directed environments.

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