

SHELIXIR: code development

The constant development of new experimental approaches goes hand-in-hand with the continuous improvement of data evaluation strategies, mainly software-based. When writing new software, the code writers should respect the needs of users, both experienced and novices. When possible, the software should serve universal purposes and use, decision strategies implemented, and novel metrics designed. Such approaches will be shown in the case of the program *SHELIXIR*, which automates experimental procedures using the *SHELX C/D/E* suite.

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