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Abstract

Expectations, be they scientific or technology or business, are to be met accurately and promptly with dynamic link libraries. In this paper, two class libraries for validation and power law relation (PLR) were developed with Microsoft Visual Studio 2010. The validation class was found to be accurate and handy for quick input data check. The exposed functionalities of PLR was applied to Chebil model to generate information and rainfall rate exceeded 0.01% of time (R0.01) data, much-sought-after data for rainfall attenuation prediction model, for seventeen Meteorological sites in Nigeria covering a period of thirty years. Microsoft DataGridView control was customized for current and anticipated use and the methods and properties work to specifications. Not only will software developers benefit from the use of our classes, Atmospheric Scientists, Communication experts, system Engineers and Researchers will find our R0.01 data indispensable in their works.

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Index Terms

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Keywords

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