Abstract

The significant distance between growth and backward-ness, developed and under-developed is an inch away from good Physics and functioning software package. Using VB.NET forty-one
atmospheric and physics models were computed. Four code components and a client package were developed for all the models evaluated. Microsoft DataGridView control (DGV) was customized and its strengths and weaknesses shown in its application to the models. The functionalities in our servers and the codes in the application are adequately reported. Results obtained corroborate existing facts and provide data and information. It is found that DGV is adequate for holding inputs and/or displaying result(s) in tabular form, and for formatting both inputs and outputs to the level of needs. However, it has no inbuilt Physics and Atmospheric formulae, and the required rows and columns for use are to be inserted each time. Software developers will find our accurate and flexible servers salutary in their works. Our application will tremendously assists Physicists, Atmospheric Scientists and other researchers and tutors to quickly estimate the significant parameters treated in this work.

Reference


Index Terms

Computer Science Programming Languages

Key words

Atmosphere Microsoft DataGridView control (DGV)
Physics servers.