

Components for Analytic Prototyping and Production Deployment

PyIMSL™ Studio Features

Abstract

This paper explores the advantages of using the Python dynamic language and the PyIMSL™ Studio development environment for analytic model development and how this can benefit the productivity of both those involved in the prototype modeling and the production aspects of deploying analytic applications. PyIMSL Studio is the first and only commercially-available numerical analysis application development environment designed for deploying mathematical and statistical prototype models into production applications.

This paper is intended for users familiar with creating production applications that leverage analytical models, math or statistics, and who typically deploy in Python code or C code using the IMSL® C Numerical Library.