

INTRODUCTION TO ACTIVE SERVER PAGES

TUTORIAL PRESENTATION

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ABSTRACT

The number of NT servers on the Internet and on local intranets is rapidly increasing. Active server pages provide an opportunity to increase the interactivity associated with web pages. This seminar shall begin with some simple active server pages and extend to ones that interact with Access Databases. Knowledge of forms and HTML almost essential.

TUTORIAL: INTRODUCTION TO ACTIVE SERVER PAGES

As college faculty, many of us are using databases to store and manipulate a variety of information. Sometimes this information is student background and grade related. Sometimes these databases are administrative in nature. Other times, these databases provide the framework for our current research projects.

For many of us, our student load and responsibilities continue to increase. Active server pages provide an opportunity to access sensitive data using a secure connection on an NT server. Let us consider only the management of student information for a moment. With active server pages and a class password, students could enter all of their vital information (First Name, Last Name, SSN, ID#, Local Phone, Permanent Phone, E-Mail Address, Local Address, Their Password, etc. into the class database from any computer with Internet Access. With their password, they could periodically check their personal grades. With those grades, we could also display statistical information such as the high, low, and median for each grade. For some of us, this would help to (1) reduce data input, (2) reduce the student traffic in our office, and (3) reduce the likelihood of a grade recording error that would require a change of grade process.

Active server pages could also be used to generate student problem sets of the very short answer, multiple choice, and/or true false nature from a database of problems. The sequencing of these problems can be controlled by the success or failure of the student to solve the previous problems. Computer grading and recording of exams and quizzes is also possible.

This tutorial workshop will start with the creation of very simple active server pages and continue until through a sequence of experiences until we get to active server pages generated from a database.