



# Web Site vs Application


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# ASP.NET History

- Web Applications (ASP.NET 1.x)
- Web Sites (ASP.NET 2.0 +)
  - Web Application not an option initially
  - Web Application template available as download for VS 2005
  - VS 2008 provides choice for Web Site or Web Application



# What are the major differences?

- Deployment / Maintenance
- Development style

# Deployment Differences

## Web Site

- Site does not have to be pre-compiled
- Deploy aspx page and code file to server
- Small changes do not require a full re-compile/deployment

## Web Application

- Site must be pre-compiled prior to deployment
- Deploy aspx page, but not code file to server
- All changes require entire project to be re-compiled and deployed

# Development Differences

## Web Site

- Mixing programming languages between pages is ok
- Public functions **are not** visible to other pages
- Utility classes must be placed in special (App\_Code) folder

## Web Application

- Only one programming language is allowed
- Public functions **are** visible to other pages
- Utility classes can be placed anywhere in projects folder structure