LANSA for the Web

Rapidly build e-business applications for Windows, iSeries, AS/400, UNIX and Linux

Easily build Internet, Intranet and Wireless applications that securely access and update corporate data. LANSA's 4GL allows you to rapidly generate industry standard graphical HTML and XHTML. LANSA's e-Business Framework allows you to adopt Web design standards used in many of the world's highest profile Web sites.

Stay competitive with LANSA

Your competitive Web applications will change structure every 90-120 days. Major technological change happens every six months, if not sooner. Your applications have to adapt faster than ever before.

You can rapidly change your LANSA e-business applications to deploy data to the Web, to Windows-based PCs and to Wireless hand-held devices without re-programming.

LANSA allows you to create a variety of Web user interfaces, including a native Web browser interface. You can start on a single server and deploy later across multiple servers — all without changing your LANSA source.

LANSA easily extends your existing line-of-business applications to the Web and Wireless devices. You can call existing programs or integrate existing databases to reuse what you have today.
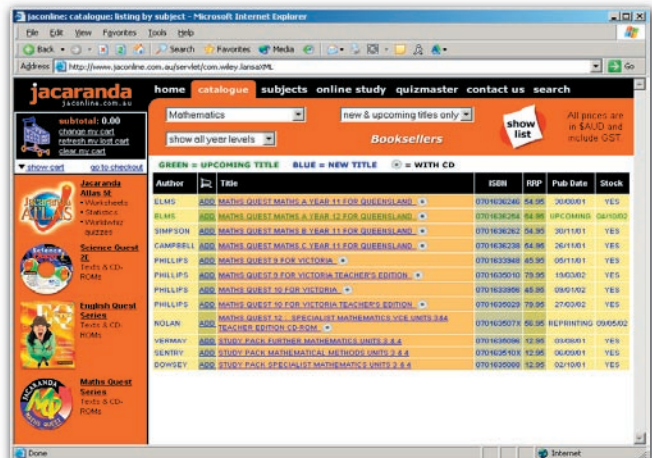
Build better Web applications

Designing dynamic Web applications is different from building 5250 and Windows applications. LANSA's e-Business Framework allows your staff to inherit Web design skills without the need for expensive training.

With LANSA, you can easily add self-service extensions to your existing core applications. LANSA maximizes your reach to Web users who may not have received training in your applications, by generating an intuitive user interface with native browser behavior. No plug-ins or downloads are required. You can fully enable the browser *back key* and *forward key* for easy navigation.

To enhance the *look and feel* of your Web site, you can enrich the XHTML LANSA generates for an optimal surfing experience.

LANSA provides sophisticated security controls to protect your corporate data and applications and integrates readily with industry-standard Internet security architectures.

You can create award-winning Web sites with LANSA for the Web.

It's easy

LANSA's short learning curve means that developers are productively building dynamic Web applications in a matter of weeks.

A Layout Wizard allows you to change graphical attributes of your application without changing a line of code.

You will dramatically reduce the time it takes your organization to deliver e-business applications and stay ahead of your competition.

LANSA
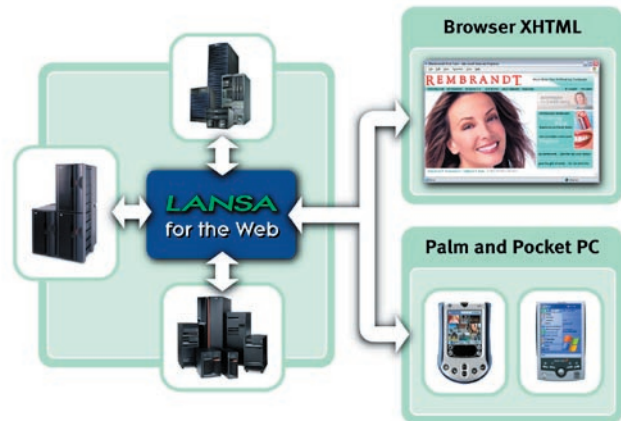ADVANCED SOFTWARE MADE SIMPLE

How does LANSA for the Web work?

With LANSA's award-winning 4GL, you generate programs to perform functions such as order transaction, search and display and site personalization. These functions reuse the business rules you have defined in LANSA's Object Repository.

LANSA creates either HTML or XHTML documents stored in LANSA's Object Repository that can be edited and graphically enriched by your chosen Web authoring tool. The documents may include graphic images, drop down combination boxes, radio buttons, check boxes and tables. You can also use LANSA's Layout Wizard to modify the graphical components of your Web applications.

At deployment time, LANSA stored procedures execute business logic and provide data for merging into the relevant pre-defined document. LANSA then renders the completed page to a Web browser or Wireless device.

LANSA manages all the complexity of Web applications: state management, business rule validation, data conversion and integration with different Web servers and existing applications. Developers can focus on meeting business requirements. LANSA handles the technical complexities. There's no faster way to build e-business applications.

LANSA for the Web lets you deploy Web and Wireless applications from multiple server platforms.

Features

- **User Interface Options**
  - *HTML and ECMA Javascript*
  - *XHTML*
  - *Wireless*
  - *Web services*
  - *Java Applet integration*

- **Rapid Development**
  - *Centrally define secure business rules*
  - *Productively define logic in LANSA's award-winning 4GL*
  - *Layout Wizard for simplified layout design, DHTML menus and CSS support*
  - *Back-key and forward-key enablement*
  - *Enrich LANSA XHTML with your choice of Web authoring tool*

- **Integrated Transaction Manager**
  - *Connections*
  - *Timeouts*
  - *Commit control*
  - *Security*

- **Web Server Communications Options**
  - *CGI*
  - *Java Servlets*
  - *Microsoft IIS Plug-in*

- **Deployment Platforms**
  - *Single, multiple and mixed tiers*
  - *Web server tier: iSeries, AS/400, Windows, UNIX and Linux*
  - *Data server tier: iSeries, AS/400, Windows, UNIX and Linux*

- **Supported Web Servers**
  - *IBM HTTP server*
  - *Microsoft IIS*
  - *Domino*
  - *Apache*

- **Supported Server Integration**
  - *IBM WebSphere Application Server*
  - *Java Servlet integration*

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