*VisualAge Pacbase*

# An open environment, adaptable to your requirements

## Highlights

*Expand the information model more simply and naturally*

*Increase the variety and flexibility of the user entity descriptions*

*Implement user entity control and update functions*

*Manage all types of multimedia components within the repository*

*Provide an interface adapted to each specific requirement*

## Easier expansion of the information model

VisualAge® Pacbase™ offers a guided approach through the use of standard metamodels which structure developments and enable the generators to produce all types of applications efficiently.
To ensure that this development environment is first and foremost your environment, you can describe, store and update components relative to your own requirements. Integrated in the repository as user entities and user relations, these components co-exist naturally with the standard entities and make use of all the administration and security functions.

VisualAge Pacbase simplifies the implementation of user entities and user relations considerably. Both the user entities and the user relations have undergone numerous structural and functional enhancements. Their handling now includes the generic facilities available in developer workbench, the new environment for developers: lists, definition panels, SmartGuides, search and compare functions, etc.

## Enhanced structure for user entities

Comprising description elements, the structure of the user entities is less rigid and offers better storage capacity (wider and more numerous descriptions) and a more flexible organization (creation of description descriptions allows for a deeper structure).

New functions are available for fine-tuning user entity descriptions.
In particular, since some descriptions are made up of a collection of data elements, it is possible to associate with these data elements automatic transformation and control functions which will be implemented on input.

User relations have evolved too, allowing better guarantees regarding information system integrity on a creation (option for verifying the existence of the linked entity) or cancellation (option for automatic deletion of the linked entity).

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## Automated user entity control and update

The user entities benefit from the same Quality control tools as the standard entities. Scripts can be defined and then activated automatically on creation or update of the user entities, to ensure your qualitative criteria are taken into account.

It is also possible to activate automatically, on creation or update of the description of a user entity, functions described in program form. Often called exit-user, these functions are run in the repository environment and allow the chaining of processing operations corresponding to the specific requirements of your site.

## Unifying repository for all types of components

The VisualAge Pacbase repository is open to all your tools. This means you can store in the repository files from all types of third party tools (word processors, spreadsheets, image editors, video equipment, etc.). The implementation principle is similar to the one for e-mail attachments.

These files take advantage naturally of the characteristics and functions relative to your repository: organization in libraries, archiving, etc.

This means you can manage, in an homogeneous manner, all the components of a coherent set of information items, whether or not they have been produced by VisualAge Pacbase.

## Natural customisation of the interface

The user entities enhance not only the information model, but also contribute to the customization of developer workbench. Indeed, the developer's interface is fully expandable and can integrate specific entities which become accessible via new tabs.

In this way, the VisualAge Pacbase administrator is able to offer each developer a working context adapted to his or her specific aims. Enhanced individual comfort and productivity are the immediate benefits from development tool optimization.

## For more information

To learn more about VisualAge Pacbase, visit:

**ibm.com**/software/ad/vapacbase

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