

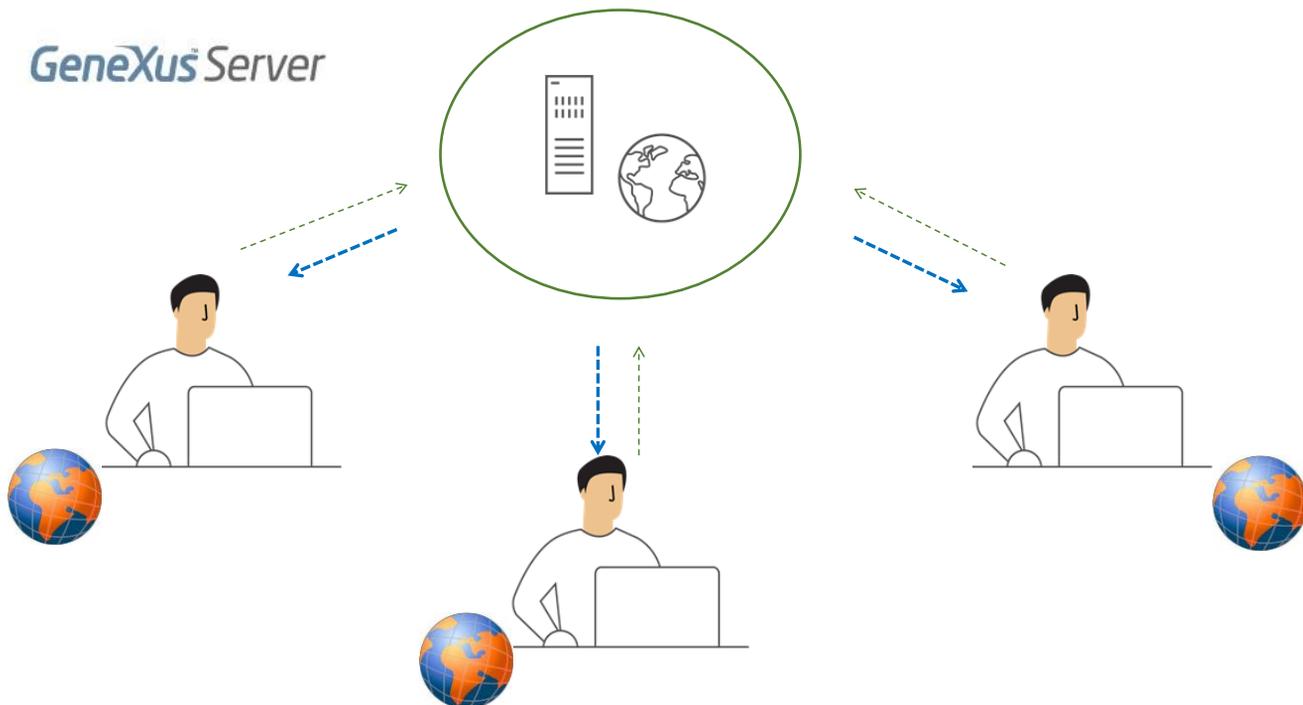
# GeneXus Server

Introduction

**GeneXus™**

Throughout the course we have integrated the use of GeneXus Server as an important component of our work methodology.

# GeneXus Server



GeneXus Server has been designed to facilitate team work.

It allows centralizing business knowledge and keeping the development team members' work constantly integrated, even when they are in different geographical locations.

Having a central KB managed by GeneXus Server allows any authorized developer to send and receive modifications from their own work place.

Send Kb to GeneXus Server:

The screenshot shows a dialog box titled "Send Knowledge Base" with a close button (X) in the top right corner. The main title is "Send the Knowledge Base to GeneXus Server". Below the title, it says "To Send the Knowledge Base select the url and type an alias". There is a text box containing the URL "http://sandbox.genexusserver.com/v18". Below the URL, there is a list of items with a checkbox and a small icon; the first item is checked and labeled "TravelAgency". To the right of the list is a "Security" section with a dropdown menu for "Authentication Type" set to "GeneXus Account", a "Username" field containing "acaggiano", a "Password" field with masked characters, and a "Save Password" checkbox which is unchecked. Below the list, there is an "Alias:" label and a text box containing "TravelAgencyGeneXusCourse". At the bottom left, there are two checkboxes: "Work with Lock Model" (unchecked) and "All versions in Knowledge Base" (checked). At the bottom right, there are "Send" and "Cancel" buttons.

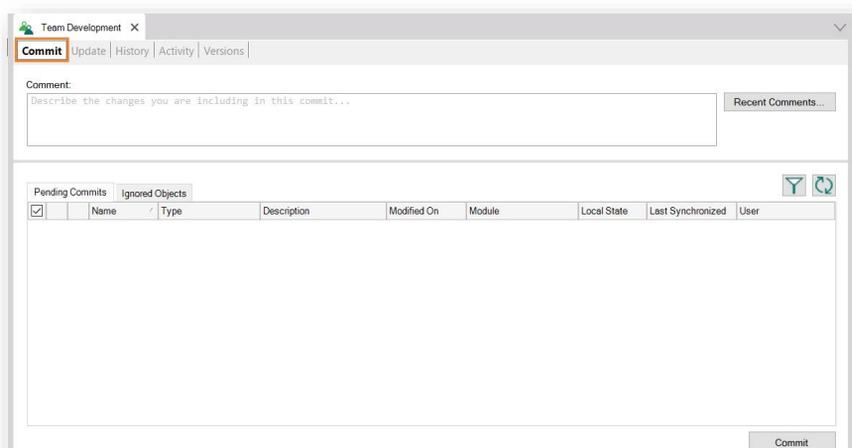
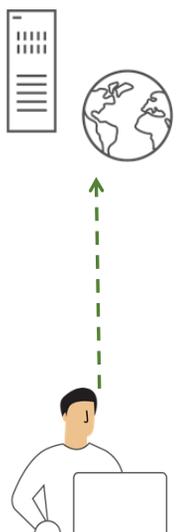
Already at the beginning of the course, when creating the first transactions, the KB was sent to GeneXus Server. In this way, the administration of the KB is centralized in the server, and the developers remain synchronized with it, even though they will always work locally.

**Let's** remember the necessary steps to do so. First, select the File option, from the GeneXus IDE, and select the option Send Knowledge Base to GeneXus Server.

Next, enter the server location URL, the name to publish the KB on the server, and the GeneXus account for authentication. Finally, you have to click on Send.

From this moment the KB is published on the server and the developer remains synchronized with it. It should be noted that when a KB is synchronized with the server, under the Knowledge Manager menu you can find the Team Development option containing the dialog box with the options to work on the server.

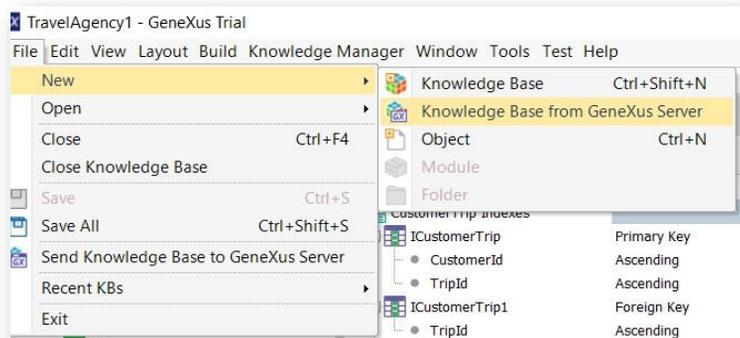
## Commit: Sending modifications to the server



After that, we have continued to advance in the course, integrating new concepts, defining new objects, and at the end of each video, we have sent those updates to the KB on the server to be integrated into the final solution.

For this, from the Commit option of the Team Development box it is possible to see all the objects that are included in the local KB and have not been updated updated in the server. We can send all of them, or only select those that are finished and ready to be integrated into that KB. We must also enter a comment, which will later be part of the action log on the KB on the server, and press the Commit button.

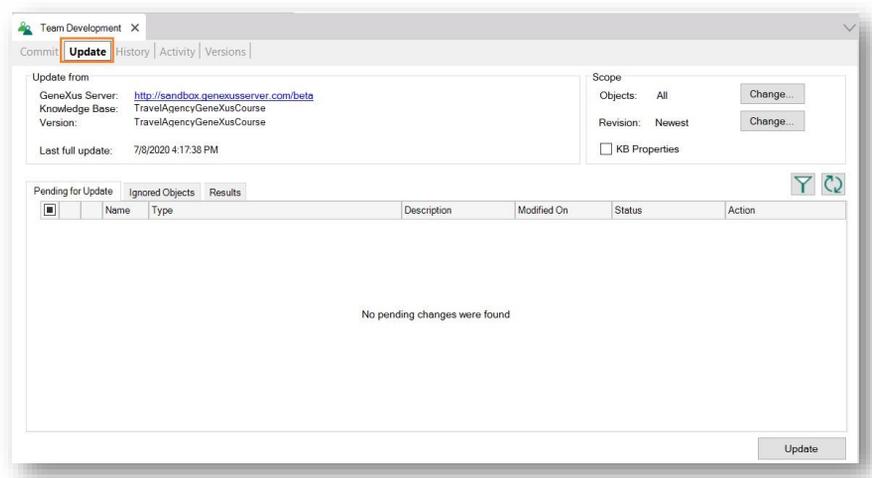
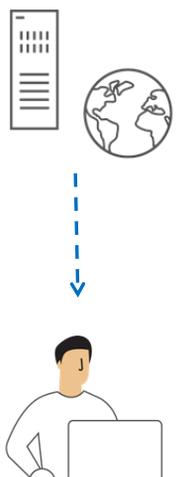
## New KB from GeneXus Server: Synchronization with a KB on the server



Now suppose another developer wants to join the team. As a new developer, how can you synchronize with the KB already published on the server?

You must receive a local copy. And for that you need to go to the File menu and select New Knowledge Base from GeneXus Server. Next, enter the server location URL, or select this button to choose the server, indicate the KB to synchronize with, and click on Select.

Update: Receive locally the modifications sent by other developers



Once this process is complete, the new developers will have a local copy of the KB that is published on the server, and will also remain synchronized with it.

At this point, each developer continues to work locally, and they must make their changes public but also take into account the changes made by the other developers.

To do this, from the Knowledge Manager menu, they should select the Team Development option, and then choose the Update action. This action will allow viewing and integrating locally all those new definitions included in the KB on the server.

More about GeneXus **Server...**

### GeneXus Server Course

<https://training.genexus.com/en/learning/courses/genexus-server/genexus-server-16-course/introduction-to-genexus-server-v16>

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To learn more about GeneXus Server, visit the link on screen.

*GeneXus*<sup>TM</sup>

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