

## CPG-SAP-Shell - zSeries Connector to SAP R/3 and mySAP Business Suite

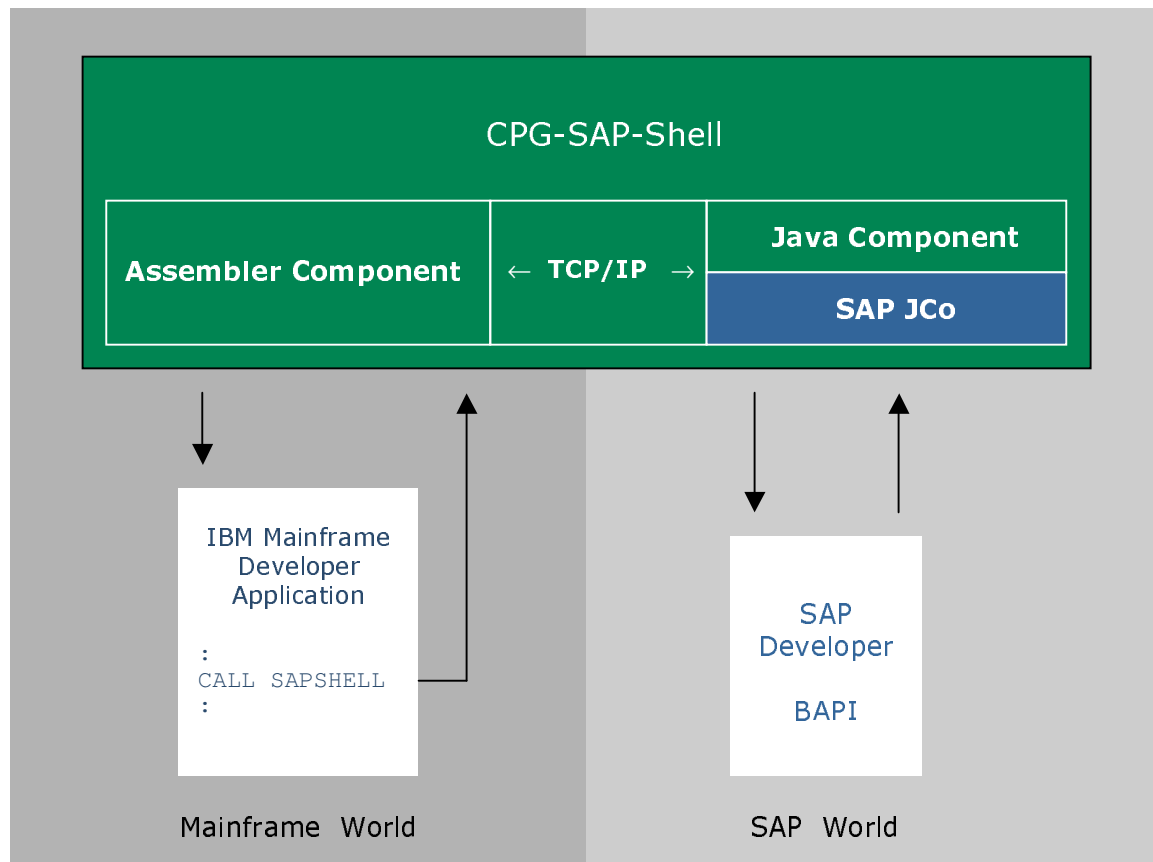
With the **CPG-SAP-Shell**, an application (online or batch) running on an IBM System z server can transfer data to an SAP system via the Business Application Programming Interface (BAPI).

To do this, a mainframe developer calls **CPG-SAP-Shell** from an application and enters the name of the specific BAPI object to be used and the data to be transferred. For online applications, this is done over the Common Area; for batch, through the CALL parameter. **Nothing else needs to be done!**

Our **CPG-SAP-Shell** has two components:

- An Assembler component effects the transfer by communication with a Java server program. Using TCP/IP, it sends the data from the mainframe application to the Java program. Likewise, it routes any return variables to the application.
- A Java component running on the SAP systems receives the mainframe data and calls a specific BAPI object using JCo, the official SAP connector for communication between Java programs to SAP systems.

The following figure illustrates this structure:



**CPG-SAP-Shell** is thus a simple, effective way to transfer data from a z/OS or z/VSE program to a BAPI object in an SAP R/3 or mySAP Business Suite landscape.