

Philippe Charles (National Bank of Belgium)

Adding new sources of data: the example of the .STAT plug-in

Topic 4 – Getting the statistics out

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Introduction

JDemetra+: An innovative expandable tool for seasonal adjustment, time series analysis and beyond. --- Adding new sources of data: the example of the .STAT plug-in --- JDemetra+ is an open-source application that deals with seasonal adjustment. It has a modular design that allows external teams to extend its capabilities and/or to reuse its modules inside their applications. In JDemetra+, I/O operations are performed by specific modules called time series providers. By default, the tool is bundled with a few useful providers allowing the retrieval of data from several sources such as spreadsheets and relational databases. However, JDemetra+ is not limited to the providers bundled in and users can develop modules to access their own data sources. We will give an overview of the mechanism that enables such extensions through the example of a plugin - called the .STAT plug-in - that retrieves time series from a SDMX server.