

# **Miss Manners Test**



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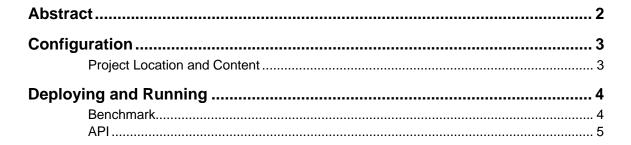
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#### TIBCO BusinessEvents® "Miss Manners" Benchmark Test Example



### **Abstract**

"Miss Manners" is a performance benchmark for rule engines. The scenario is as follows:

"Miss Manners has invited guests with various hobbies to a dinner party. She wants to seat the guests in male-female-male-female arrangement so that each guest will have someone on the <u>left or right</u> that has a common hobby."

This example will allow you to do the following in TIBCO BusinessEvents®:

- · Run the benchmark.
- Examine and run a sample TIBCO BusinessEvents API program.





#### **Project Location and Content**

The TIBCO BusinessEvents Studio project that implements the benchmark can be found at:

TIBCO\_BE\_HOME/examples/standard/MissManners/MissMannersProject

This project contains the following folders:

**Deployment:** Contains the Enterprise Archive resources:

- MissManners\_8Guests: Use this to run the benchmark in the 8-guests configuration.
- MissManners\_API: Use this to run the sample API program. See 'Deployment and Running' section.

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Functions: Contains the rule functions used for computation of seat assignment and for print jobs.

**Model:** Contains the entity resources with their definition and properties.

Rules: Contains the rules for the seat assignment. These rules are explained briefly as follows:

- AssignFirstSeat: Assigns the first seat to one of the guests.
- AssignSeat: Assigns all the remaining seats to the remaining guests.
- **PrintResult:** This rule prints the total time taken for the entire process of seat assignment as well as the final seating arrangement.
- Start: Starts the seat assignment process.
- Reset: Resets all the seats assignments.



## Deploying and Running

#### **Benchmark**

- 1. Open the project 'MissMannersProject' using TIBCO BusinessEvents Studio.
- 2. Build an EAR file using the Project->Build Enterprise Archive command.
- 3. Start the TIBCO BusinessEvents engine with MissManners\_8Guests.cdd from the Deployment folder of the project.
- 4. Check the test results in the log file:

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Be Edit Format Yew Web

2006 Nov 22 17:44:15:1904 CMT -8 MissManners_BGuests-MissManners_BGuests Info
[main] - TIBCO BusinessEvents Inference Edition 2.0.0.34 -p
C:/*Tibco/tra/domain/varun/appli/cation/MissManners_BGuests/MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-MissManners_BGuests-Miss
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#### TIBCO BusinessEvents® "Miss Manners" Benchmark Test Example

#### API

- 1. Open the project 'MissMannersProject' using TIBCO BusinessEvents Studio.
- 2. Using the Project->Build Enterprise Archive command, create an EAR file named 'MissManners\_API.ear' in the directory

*TIBCO\_BE\_HOME*/examples/standard/MissManners/MissMannersAPI/bin [Note: You may have to change the value of **File Location**.]

- 3. Update the various paths, in the following file, to match your environment: TIBCO\_BE\_HOME/examples/standard/MissManners/MissMannersAPI/bin/setenv.bat
- 4. Compile the API program by running MissMannersCompile.bat:

  \*\*TIBCO\_BE\_HOME/examples/standard/MissManners/MissMannersAPI/bin/MissMannersCompile.bat\*
- 5. Run the API program by running MissMannersRun.bat:

*TIBCO\_BE\_HOME*/examples/standard/MissManners/MissMannersAPI/bin/MissMannersRun.bat Note: You can change the number of guests used in the test by changing INPUT\_DATA\_PATH. For example:

SET INPUT\_DATA\_PATH=%MISSMANNERS\_HOME%\MissMannersAPI\inputData\mann256.dat

6. Observe the results in the output of the MissMannersRun.bat command.

