

## **The Use of Metadata in the Design of a Customizable .NET Event History Calendar**

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The Survey of Income and Program Participation (SIPP) is being re-designed to incorporate an Event History Calendar (EHC). About half of the questions will be asked in the Blaise 4.8 DEP, while the other half will be asked in the EHC module, written in C# .NET, and invoked from the DEP as a COM object DLL.

This paper will focus on the use of external metadata files and the Blaise 4.8 API to facilitate communication of data and metadata between the Blaise database and the EHC, and the role of those files in the dynamic generation of a fully customizable event history calendar. Advantages and applications of this approach will be discussed, as well as challenges encountered in its implementation.