SESSION DEV07

Data-Driving Applications with DBCX

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Session Goals

- **Reacquaint with the DBC structure**

- **Discuss limitations of the DBC**

- **Explore methods to extend DBC**

- **Explain DBCX architecture**

- **Demonstrate DBCX implementation**

Who...

- ◆ **Independent Xbase Developer since '83**

- ◆ **Hentzenwerke Corp - Current Projects**

- ◆ **Four Books, including DevGuide '97**

- ◆ **Editor of FoxTalk**

- ◆ **Wonderful Wife & 3 Kids (so far)**

What's available in the DBC?

- ◆ **.DBC structure**
- ◆ **Types of records**
- ◆ **Relationships between records**

DBC Limitations

- ◆ **Some info in DBF, not DBC**
- ◆ **Some info used one-time only**
- ◆ **Renumbering of record keys limits extensibility**
- ◆ **Proprietary indexes**

What's missing from the DBC

◆ **Structural Information**

◆ **User Extensions**

How do we get there?

◆ **Modify the structure of the DBC**

◆ **Add information to the User field**

◆ **Add information to a separate table**

The DBCx concept

◆ **The Registry Table**

◆ **Link to the DBC**

◆ **Tables for Extensions**

The DBCx Manager Class

- **Instantiating the Manager Class**
- **Accessing the Class**
- **Accessing Meta Data**
- **Implementing Methods in an application**