

Tables (con't)

Can set callbacks for loading, saving, drawing table columns.

```
TblSetLoadDataProcedure(table, col, MyLoadProc) // integer for column our procedure
TblSetSaveDataProcedure(table, col, MySaveProc)
TblSetCustomDrawProcedure(table, col, MyDrawProc)
```

Prototypes for your callbacks

```
Err TableLoadDataFuncType(void *tableP, Int16 row, Int16 col, Boolean editable,
                          MemHandle *dataIt, Int16 *dataOffset, Int16 *dataSize,
                          FieldType *fld);
ErrTableSaveDataFuncType(void *tableP, Int16 row, Int16 col);
ErrTableDrawItemFuncType(void *tableP, Int16 row, Int16 column,
                          RectangleType *bounds);
```

More on programming SystemElements: Battery Info

Figuring out how much battery life is left in device

```
UInt16 SysBatteryInfo(Boolean set, UInt16 *warnThresholdP, UInt16 *criticalThresholdP,
                      UInt16 *maxTicksP, SysBatteryKind *KindP,
                      Boolean *pluggedIn, UInt8 *percentP)
// set to false to retrieve values current voltage
// how many centivolts until battery low msg
// how many centivolts until fall into sleep mode
// # of ticks until next warning
```

Suppose we want to warn ThreshP:

```
UInt16 result;
SysBatteryInfo(false, &result, NULL, NULL, NULL, NULL, NULL);
```

KindP_ptr to the kind of battery type have

```
sysBatteryKindAlkaline
sysBatteryKindNiCad
sysBatteryKindLiIon
etc...
```

When warning threshold value is reached, a KeyDownEvent is generated. The char code associated with this event is `vchrLowBattery`

if you catch this event, DON'T mark events as handled