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It's possible to iterate all records of a databook with different techniques. It's a performance decission what's best. Just reading is fastest.

You decide if you iterate for reading or for changing records. An iteration

Iterate with optional record change (Solution 1)

```
int masterRow = mdbMaster.getSelectedRow();
int detailRow = mdbDetail.getSelectedRow();

boolean resetSelection = false;

try
{
    for (int i = 0; i < mdbMaster.getRowCount(); i++)
    {
        for (int j = 0; j <
mdbDetail.getDataPage(mdbMaster.getDataRow(i)).getRowCount(); j++)
        {
            if (changeData)
            {
                mdbMaster.setSelectedRow(i);
                mdbDetail.setSelectedRow(j);

                resetSelection = true;
            }
        }
    }
}
finally
{
    if (resetSelection)
    {
        mdbMaster.setSelectedRow(masterRow);
        mdbDetail.setSelectedRow(detailRow);
    }
}
```

Iterate with optional record change (Solution 2)

```
int masterRow = mdbMaster.getSelectedRow();
int detailRow = mdbDetail.getSelectedRow();

boolean resetSelection = false;

try
{
    for (IDataRow mRow : mdbMaster)
    {
```

```
        for (IDataRow dRow : mdbDetail.getDataPage(mRow))
        {
            if (changeData)
            {
                mdbMaster.setSelectedRow(mRow.getRowIndex());
                mdbDetail.setSelectedRow(dRow.getRowIndex());

                resetSelection = true;
            }
        }
    }
}
finally
{
    if (resetSelection)
    {
        mdbMaster.setSelectedRow(masterRow);
        mdbDetail.setSelectedRow(detailRow);
    }
}
```

Iterate with record change

```
int masterRow = mdbMaster.getSelectedRow();
int detailRow = mdbDetail.getSelectedRow();

try
{
    for (int i = 0; i < mdbMaster.getRowCount(); i++)
    {
        mdbMaster.setSelectedRow(i);

        for (int j = 0; j < mdbDetail.getRowCount(j); j++)
        {
            mdbDetail.setSelectedRow(j);
        }
    }
}
finally
{
    mdbMaster.setSelectedRow(masterRow);
    mdbDetail.setSelectedRow(detailRow);
}
```

From:
https://doc.sibvisions.com/ - **Documentation**

Permanent link:
https://doc.sibvisions.com/jvx/client/model/databook/record_iteration

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