```
SPxId id(int i) const {
                                    SPxId coId(int i) const {
if (rep() == ROW) {
                                      if (rep() == ROW) {
  SPxRowId rid = SPxLP::rId(i):
                                        SPxColId cid = SPxLP::cId(i):
                                        return SPxId(cid);
  return SPxId(rid):
  else
                                        else
  SPxColId cid = SPxLP::cId(i);
                                        SPxRowId rid = SPxLP::rId(i)
  return SPxId(cid):
                                        return SPxId(rid);
```