

```
SPxId id(int i) const {
```

```
    if (rep() == ROW) {
```

```
        SPxRowId rid = SPxLP::rId(i);
```

```
        return SPxId(rid);
```

```
    } else {
```

```
        SPxColId cid = SPxLP::cId(i);
```

```
        return SPxId(cid);
```

```
    }
```

```
}
```

```
SPxId coId(int i) const {
```

```
    if (rep() == ROW) {
```

```
        SPxColId cid = SPxLP::cId(i);
```

```
        return SPxId(cid);
```

```
    } else {
```

```
        SPxRowId rid = SPxLP::rId(i);
```

```
        return SPxId(rid);
```

```
    }
```

```
}
```