

# Introduction to Iterators

## Debug Session

Marcus Börger

OSCON 2005

# An example

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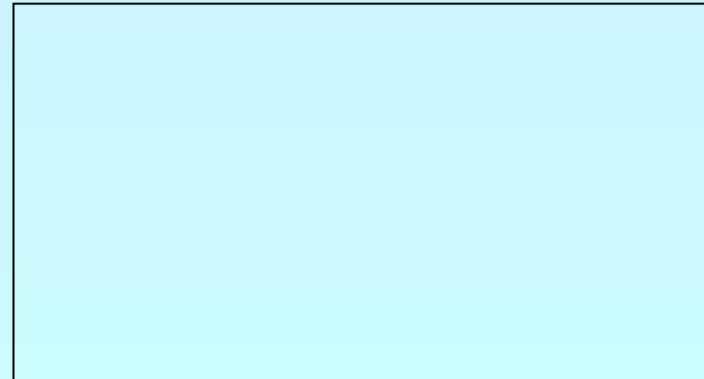
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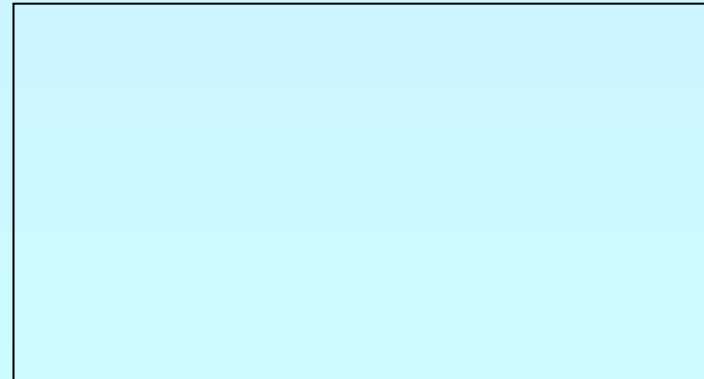
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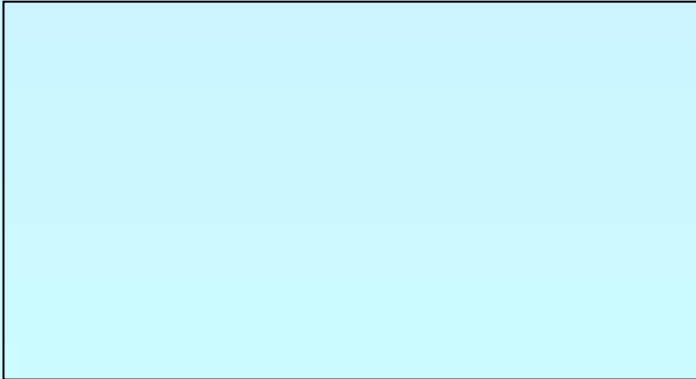
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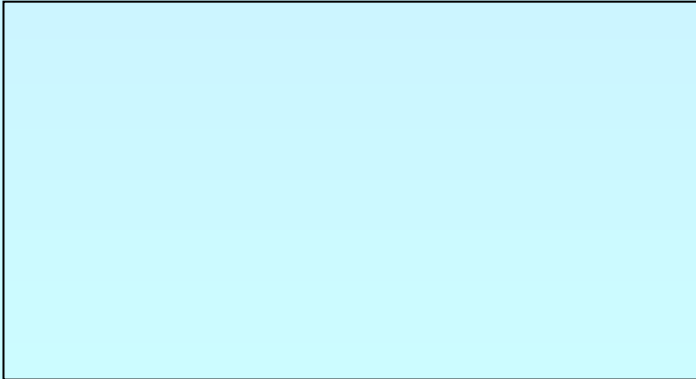
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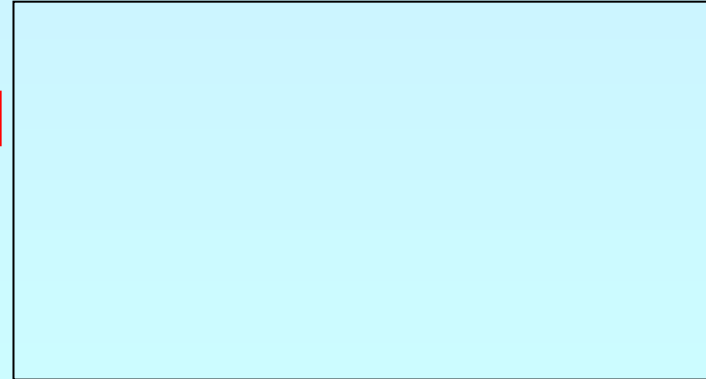
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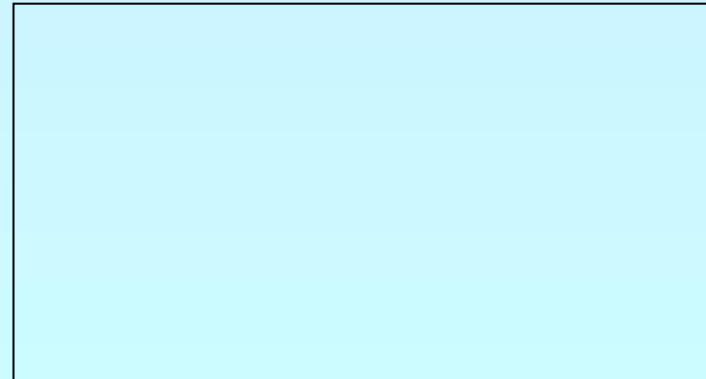
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$o = new ArrayIterator($a);
foreach($o as $key => $val) {
    echo "$key => $val\n";
}
?>
```

```
0 => 1
1 => 2
2 => 3
```

# An example

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<?php
class ArrayIterator {
    protected $ar;
    function __construct(Array $ar) {
        $this->ar = $ar;
    }
    function rewind() {
        rewind($this->ar);
    }
    function valid() {
        return !is_null(key($this->ar));
    }
    function key() {
        return key($this->ar);
    }
    function current() {
        return current($this->ar);
    }
    function next() {
        next($this->ar);
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