

---+ Package TWiki::AggregateIterator

combine multiple iterators

## new(@list, \$unique)

Create a new iterator over the given list of iterators. The list is not damaged in any way.

if \$unique is set, we try to not repeat values. Warning: \$unique assumes that the values are strings (so works for cUID's)

## hasNext() -> \$boolean

Returns false when the iterator is exhausted.

```
my $it = new TWiki::ListIterator(@list);
while ($it->hasNext()) {
    ...
}
```

## next() -> \$data

Return the next entry in the list.

The iterator object can be customised to pre- and post-process entries from the list before returning them. This is done by setting two fields in the iterator object:

- `{filter}` can be defined to be a sub that filters each entry. The entry will be ignored (`next()` will not return it) if the filter returns false.
- `{process}` can be defined to be a sub to process each entry before it is returned by `next`. The value returned from `next` is the value returned by the process function.

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