

LazyTag

-Priya Limaye, Nandini Mahendran

Pagination

- User can browse through rows in database table
- Show all rows in single form ?
- Split database output in manageable chunks.

Pagination for JSF

- Tomahawk
- Datatable
- Datascroller

```
<t:dataTable id="userTable"
  value="#{userListBean.userList}" var="userData"
  styleClass="table1" rowClasses="oddRow,evenRow"
  rows="10" width="800px" rules="COLS" border="2">

<t:dataScroller id="scroller" for="userTable"
  paginator="true" paginatorMaxPages="50"
  paginatorActiveColumnStyle="font-size:10px;font-
weight:normal;" immediate="true"
  styleClass="headerRow">
</t:dataScroller>
```

Advantages

- Easy to use and integrate.
- Good HTML quality.
- Provide sorting and pagination.

Drawbacks?

- No database-side paging
- What if there are 10K records?
- Fetch 10K records and display 10 of them?

Our approach

- Modify DB query
- Modify code to implement sorting and pagination
- Use ajax to execute sorting and pagination

Demo