You could solve this with a shared service:

@Injectable()

export class BreadcrumbService {

items: Array = [];

}

Provide that service in your top-level AppComponent module.

Now you can use it in the AppComponent:

export class AppComponent implements OnInit {

constructor(private \_breadcrumbService: BreadcrumbService);

ngOnInit() {

this.\_breadcrumbService.items.push({label:'Lists', url: '/lists'});

}

}

<p-breadcrumb [model]="\_breadcrumbService.items"></p-breadcrumb>

And also in the other one:

export class ListItemComponent implements OnInit {

constructor(private \_breadcrumbService: BreadcrumbService);

...

ngOnInit() {

let listId = this.\_activatedRoute.params['listId'];

this.\_breadcrumbService.items.push({label: `Lists ${listId}`, url: `/lists/${listId}`});

}

...

}