

# Angular Dynamic Routing

Here's a technique for implementing dynamic routing, where we want a common page or component to serve multiple route paths.

If you're interested in passing query parameters through Angular routes, see this: [Angular: Add Query Parameters without Router](#)

## Implementation

The technique, below, is from here: [Angular Basics: Dynamic Activated Route Snapshots](#)

We will use an Activated Route, in the target component, so it can recover path fragments from its route.

First. We will create a route to our component in the routing class. But, we will include a variable in the route string.

Here's what ours will look like:

```
const routes: Routes = [  
  {  
    path: 'home',  
    component: HomePageComponent,  
  },  
  // Below, is our dynamic route, with a dynamic suffix of 'dbname'.  
  // Any calls to 'liveview/**', will open the LiveViewComponent.  
  {  
    path: 'liveview/:dbname',  
    component: LiveViewComponent,  
  },  
  // redirect to `home` if there is no path  
  {  
    path: '',  
    redirectTo: 'home',  
    pathMatch: 'full',  
  },  
];
```

```
},  
];
```

In the above route list, the `LiveViewComponent` will be called for any path that begins with 'liveview'.

Second. We will update `LiveViewComponent`, to retrieve the 'dbname' portion of the route, so it can display the appropriate data.

To do this, we add `ActivatedRoute` to the constructor of `LiveViewComponent`, like this:

```
export class DashbLayout4Component {  
  constructor(private route: ActivatedRoute)  
  {  
    ...  
  }  
}
```

With the `ActivatedRoute` in the constructor, our component can now retrieve the 'dbname' fragment from the url route, like this:

```
let dbname = this.route.snapshot.params['dbname'] ?? "";
```

If we add the above line to the `ngOnInit` or `ngAfterContentInit`, it will be able to load any special content, based on the 'dbname' value.

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