#### Angular脱坑记

##### 之动态加载

问题描述

Angular 6.1.5

项目需求：

内部管理后台，页面采用“左树右表”布局。要求根据路由参数动态加载右侧表单组件。同时，保持左侧树结构保持不变

解决

在路由中传递ID参数。子页面组件从URL获取参数，动态加载对应表单组件。同时，监听路由变化，保证页面初始化完成后，依然能够根据路由变化加载组件

routes.module.ts

const routes = [  
 {  
 path: '',  
 component: RsModelComponent  
 },  
 {  
 path: 'extend',  
 component: TableTabRsExComponent  
 },  
 {  
 path: 'detail/:type/:resId',  
 component: RsModelComponent,  
 data: { keep: true, key: "rs-model" }  
 }  
];  
export const routing: ModuleWithProviders = RouterModule.*forChild*(<Routes>routes);

component.html

<div class="right-body-inner-div" style="height:100%;">  
 <ng-template #viewDetailComponent></ng-template>  
</div>

component.ts

@Component({  
 selector: 'demo',  
 templateUrl: 'rs-model.component.html',  
 styles: [`

`]  
})  
export class RsModelComponent implements OnInit {  
 @ViewChild("treeComponent") treeComponent;  
 /\*  
 \* dynamically load components  
 \* \*/  
 comps: any = [  
 RsPlaceholderComponent,  
 Area2Component,  
 RsDetailRwComponent,  
 RsDetailPlpComponent  
 ];  
 constructor(  
 private cfr: ComponentFactoryResolver,  
 private router: Router,  
 private route: ActivatedRoute  
 ) {  
 router.events  
 .filter((event) => event instanceof NavigationEnd)  
 .subscribe((event: NavigationEnd) => {  
 // 当路由发生变化，存储在浏览器里面的的用户信息发生变化的时候刷新组件  
 this.ngOnInit();  
 console.warn("[RsModelComponent] constructor(): router event subscribe.");  
 });  
 }  
  
 async ngOnInit() {  
 let eType = this.route.snapshot.params['type'];  
 let eResId = this.route.snapshot.params['resId'];  
 console.info("[RsModelComponent] ngOnInit(): type", eType);  
 console.info("[RsModelComponent] ngOnInit(): resId", eResId);  
 if (isNullOrUndefined(eType)) {  
 let comp = this.comps[0];  
 let com = this.cfr.resolveComponentFactory(comp);  
 this.viewDetailComponent.clear();  
 let comRef = this.viewDetailComponent.createComponent(com);  
 }  
 if (eType == "pdp") {  
 ...  
 } else if (eType == "plp") {  
 /\*  
 \* product list page.  
 \* \*/  
 // dyn load a new plp component HERE.  
 let comp = this.comps[3];  
  
 let com = this.cfr.resolveComponentFactory(comp);  
 this.viewDetailComponent.clear();  
 let comRef = this.viewDetailComponent.createComponent(com);  
 this.area2Component = comRef.instance;  
 }  
 }  
}