

Service

```
import {Injectable} from '@angular/core';
import {BehaviorSubject, Observable, Subject} from 'rxjs';
import {Product} from '../models/Product';
```

```
@Injectable({providedIn: 'root'})
export class ShoppingCartService {
```

```
  shoppingCart : any = []; vytvorenie noveho kanalu na odber
  dataStream = new BehaviorSubject<any>(0);
  numberOfItems : number;
```

```
  constructor() {}
```

```
  putData(data : Product) {
    this.shoppingCart.push(JSON.stringify(data));
    this.dataStream.next(this.shoppingCart);
  }
```

```
  getShoppingCartItems(): Product[] {return this.shoppingCart}
}
```

```
import { Component, OnInit } from '@angular/core';
import { ShoppingCartService }
from 'src/app/Services/shopping-cart-service.service';
@Component({
  selector: 'app-shopping-cart-badge',
  templateUrl: './shopping-cart-badge.component.html',
  styleUrls: ['./shopping-cart-badge.component.scss',]})
```

```
export class ShoppingCartBadgeComponent
implements OnInit {
```

```
  shoppingCartItems: any;
  prepoji sluzbu na komponent
```

```
  constructor(private data: ShoppingCartService) {}
```

```
  ngOnInit() {
```

```
    this.data.dataStream.subscribe((newValue)=>{
      this.shoppingCartItems = newValue;
      this.getNumberOfItems(); });
  }
```

Posiela data do service

```
import { Component, DoCheck, ElementRef, EventEmitter, Input,
OnInit, Output, ViewChild } from '@angular/core';
import { ShoppingCartService } from
'src/app/Services/shopping-cart-service.service';
import {Product} from '../models/Product';
```

```
@Component({selector: 'app-product', templateUrl: './product.component.html',
styleUrls: ['./product.component.scss']})
```

```
export class ProductComponent implements OnInit, DoCheck {
```

```
  @Input() data : Product;
  @Output() reviewAdd : EventEmitter < any > = new EventEmitter<any>();
  @ViewChild('productPosition') productPosition : ElementRef < HTMLElement >;
```

```
  reviewFromInput : string;
```

```
  x : number;
```

```
  y : number;
```

```
  public clickedItem : Product;
```

```
  public date = new Date().toLocaleString(); // lokalny cas sformatovany
prepoji sluzbu a komponent
```

```
  constructor(private createItem: ShoppingCartService) {}
```

```
  ngDoCheck(): void {
    this.x = this.productPosition ? . nativeElement.offsetLeft;
    this.y = this.productPosition ? . nativeElement.offsetTop;
  }
```

```
  ngOnInit(): void {}
```

```
  addToCart() {
    this.clickedItem = this.data;
    this.createItem.putData(this.data);
  }
}
```

posle data do pripojeneho komponentu

posle data do service
Prima data zo service