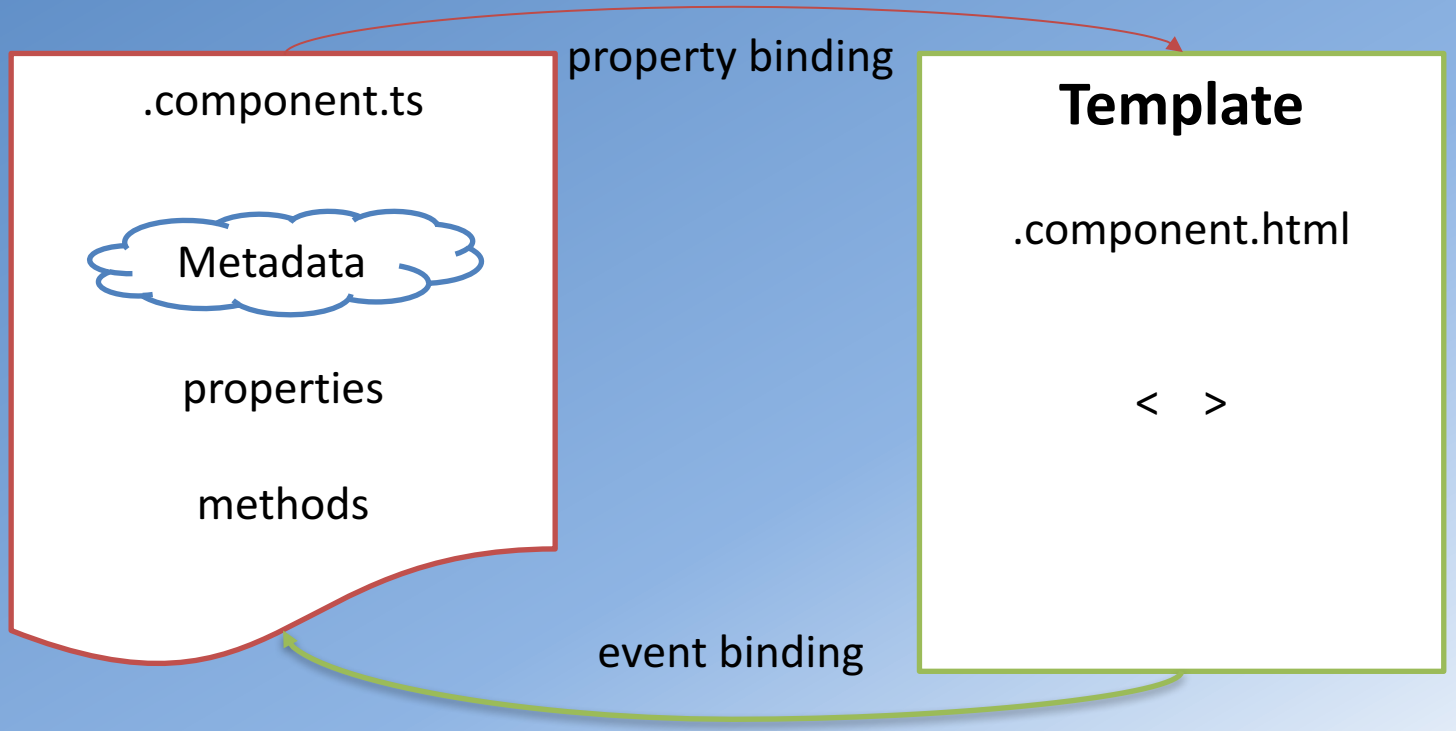
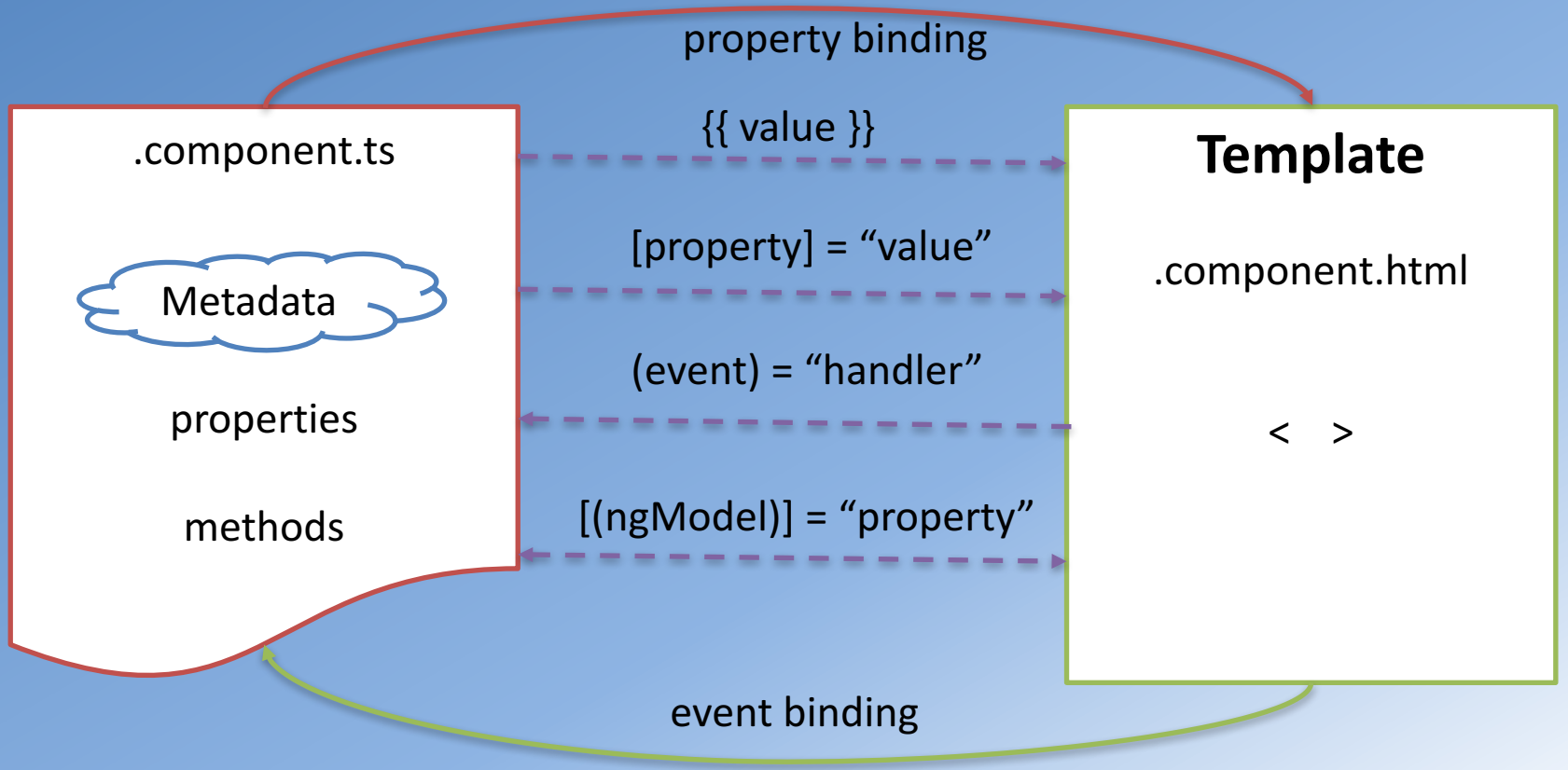
Component


property binding
.component.ts
Metadata
properties
methods
Template
.component.html
< >
event binding

Data Binding

- Mechanism for coordinating between the
  - Template -> DOM
  - Component -> Property
- Data flowing from component to template
- Events generated by user interaction flowing to the component

Data Binding



Data Binding Summary

Data direction	Syntax	Type	Example
One-way from data source to view target	{{expression}} [target]="expression" bind-target="expression"	Interpolation Property Attribute Class Style	{{ dish.name }} [dish]="selectedDish" bind-dish="selectedDish"
One-way from view target to data source	(target)="statement" on-target="statement"	Event	(click)="onSelect(dish)" on-click="onSelect(dish)"
Two-way	[(target)]="expression" bindon-target="expression"	Two-way	[(ngModel)]="dish.name"

[()] banana in a box

Binding Targets

- Binding targets are the properties that are declared on the left side of the binding declaration ([…], (…), [(…)])
  - Right side of the = are the binding sources (“…”)
- Target properties must be explicitly marked as Input or Output properties using decorators:
  - @Input() dish: Dish;
  - @Output() deleteDish= new EventEmitter<Dish>();