**New Control Flow**

**@IF:**

* **No ngContainer needed**
* **No ngTemplate or variables**
* **Else and ifElse added**

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**@FOR**

* **Track is now required**
* **@Empty fallback when the list of elements is empty**

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**@SWITCH**

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**Lazy Loading on top of the routing methods:**

**@Defer**

* **In the template:**
* **Requires a condition or trigger**
* **Triggers can be used with the new on clause**

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* **The large component will be fetched once the provided element reference enters the viewport**

**@placeholder, @loading, @error (optional)**

* **All are eagerly loaded**
* **@Placeholder: placeholder for the content that will be defer loaded**
* **@placeholder and @loading can have a minimum amount of time set**

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**Using defer with declarative trigger conditions: ON**

* **Use multiple declarative triggers by separating them**

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1. **Immediate: immediate trigger once the browser is ready**
2. **Idle (default behaviour) : trigger when the browser is idle**
3. **Vieport: Fetch the element when is in the visible area. Can also be linked to another container**

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**Using defer with imperative trigger conditions: WHEN**

* **Works with custom logic:** 
  + **Signals**
  + **Public Properties**
  + **Methods**

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**Using Prefetch:**

* **The prefetch keyword is used to mention the prefetch condition in which the on and when can be used to mention the criteria required to prefetch the resource.**
* **A simple prefetch condition will look as below in which hovering the checkbox will prefetch the app-defer chunk file and will be rendered when the button is interacted.**

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**Prefetch when val === true also works**

**Using both ON and WHEN:**

* **Separated by a semicolon**

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* **No way of using defer blocks with observables or async pipes**
* **No way of accessing a deferred component from the code**

**@Input transformations:**

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