**ARIA-APG: Reference signaling pattern for unobtrusive notifications needed**

Use cases

* Page Data Loading / Busy / Data Loading Complete states  
  (AT heuristics just speak page text on page load complete is NOT enough anymore 2018)
* Single control Data Loading / Busy / Data Loading Complete states  
  (often in business apps, aria-busy is NOT for this)



* Announcing results of a search performed, e.g. in a search field, “x results found” etc.  
  (Complete description of a reference pattern)
* Respective aria-live settings that are correctly interpreted by AT when set  
  (currently a game of luck across browser/screen reader combinations)

**ARIA-APG: Complete list of valid role=”application” + aria-roledescription use cases needed**

o For existing roles  
o For custom controls  
o AT recognition issues (!)

**ARIA-APG: Recommended method how to indicate custom control properties using existing ARIA 1.1 needed**

o ARIA 1.1 just addresses custom role descriptions, no custom property descriptions