

Working with Data and Debugging Components



Sara Morgan Nettles

CERTIFIED PLATFORM II DEVELOPER

@SaraHasNoLimits www.saramorgan.net



Critical concepts, tips and
best practices will be
covered here



Lightning Data Service (LDS)



Introduced in late 2017

Built on top of the UI API

Offers many benefits such as:

- Caching
- Progressive loading of data
- Optimized server calls

Export Data Using the CLI

```
sfdx force:data:tree:export --query \  
  "SELECT ID, FirstName, LastName, Phone, Company, Title,  
Street, City, \      State, PostalCode FROM Lead limit 10" \  
  --outputdir ./data --json
```



Public JavaScript Properties



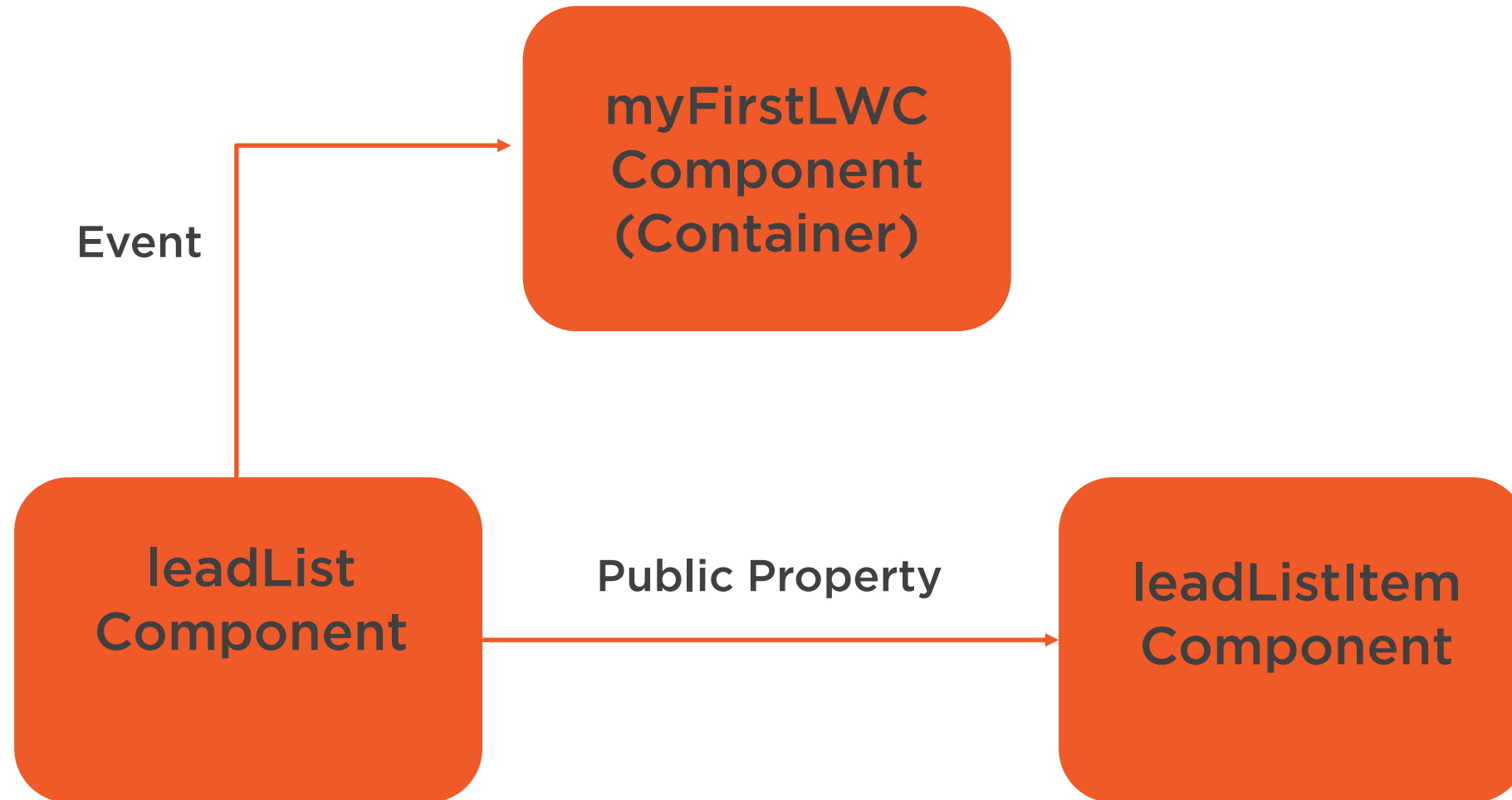
Public properties passed from owner to child.

Must be annotated with the `@api` decorator

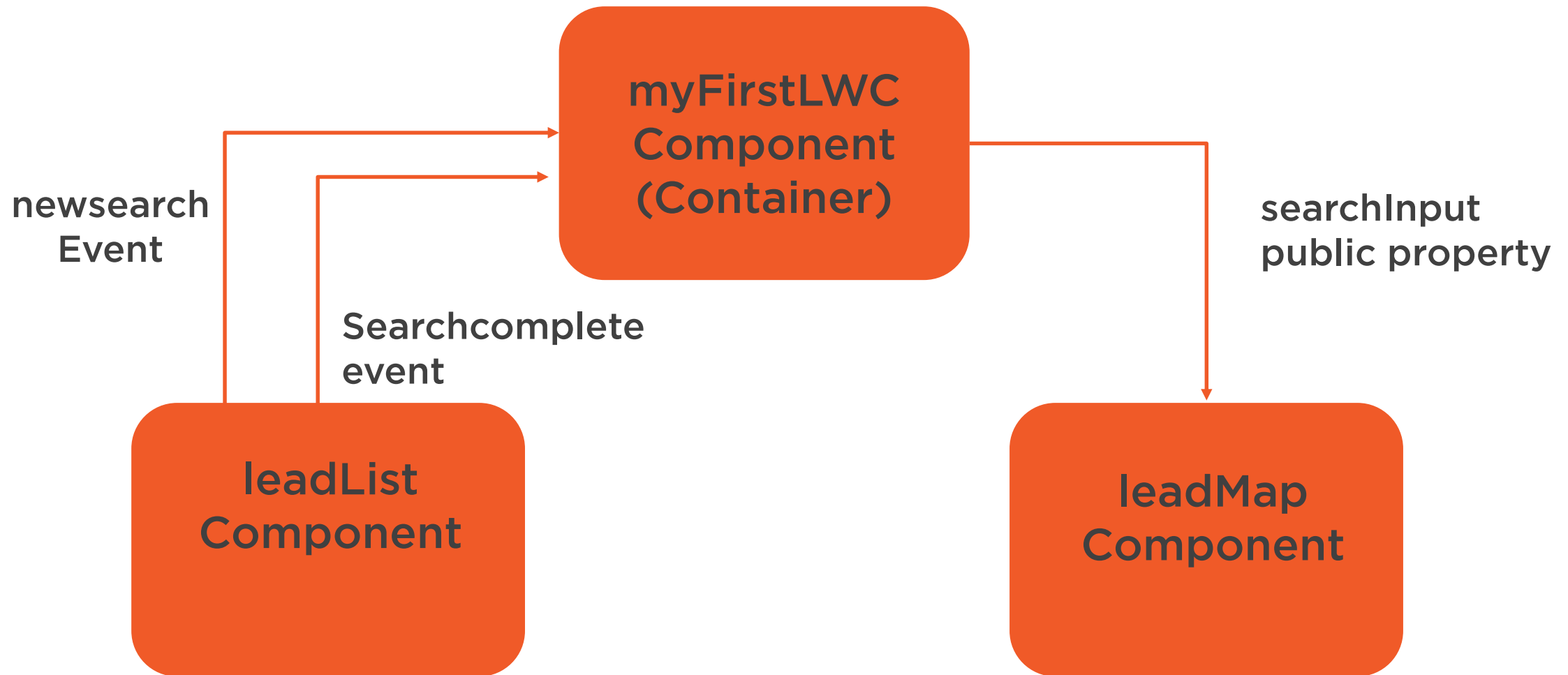
Getters and setters are used to modify data

A property can't have `@api` and `@track` decorators

CustomEvent Communication Flow



CustomEvent Communication Flow



Events Up and Properties Down

