

JSS

Your data, your way



SUGCON
GLOBAL 2020

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#sugcon

What's the plan?

Building a page using JSS

- Out the box Sitecore data
- 'Zero Sitecore deployments'
- Adding custom data
- Optimization techniques
- Monitoring the system

Order Hungarian takeaway online

Find Hungarian takeaway delivering near you

Search

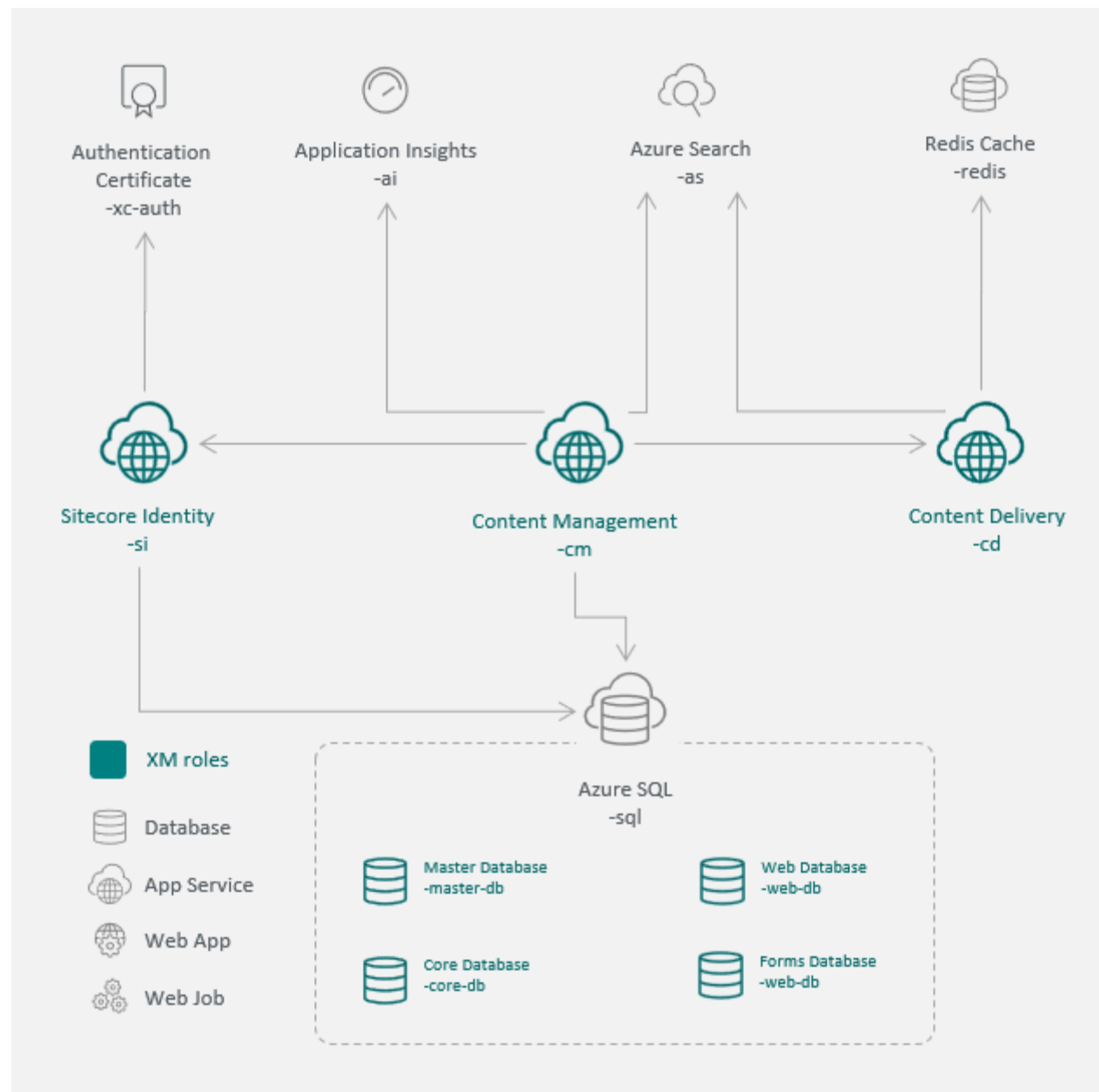
Real Hungarian Food. Delivered Real Quick.

Lángos, Főzelék, Fisherman's Soup, Chimney Cake – there's a lot more to Hungarian food than Goulash. Although, let's face it, Goulash would probably be enough for most us. Is it a soup? Is it a stew? Who cares, it's one of the world's greatest soupy stews or stewy soups – a mighty dish of beef, carrot, potato, paprika and spices.

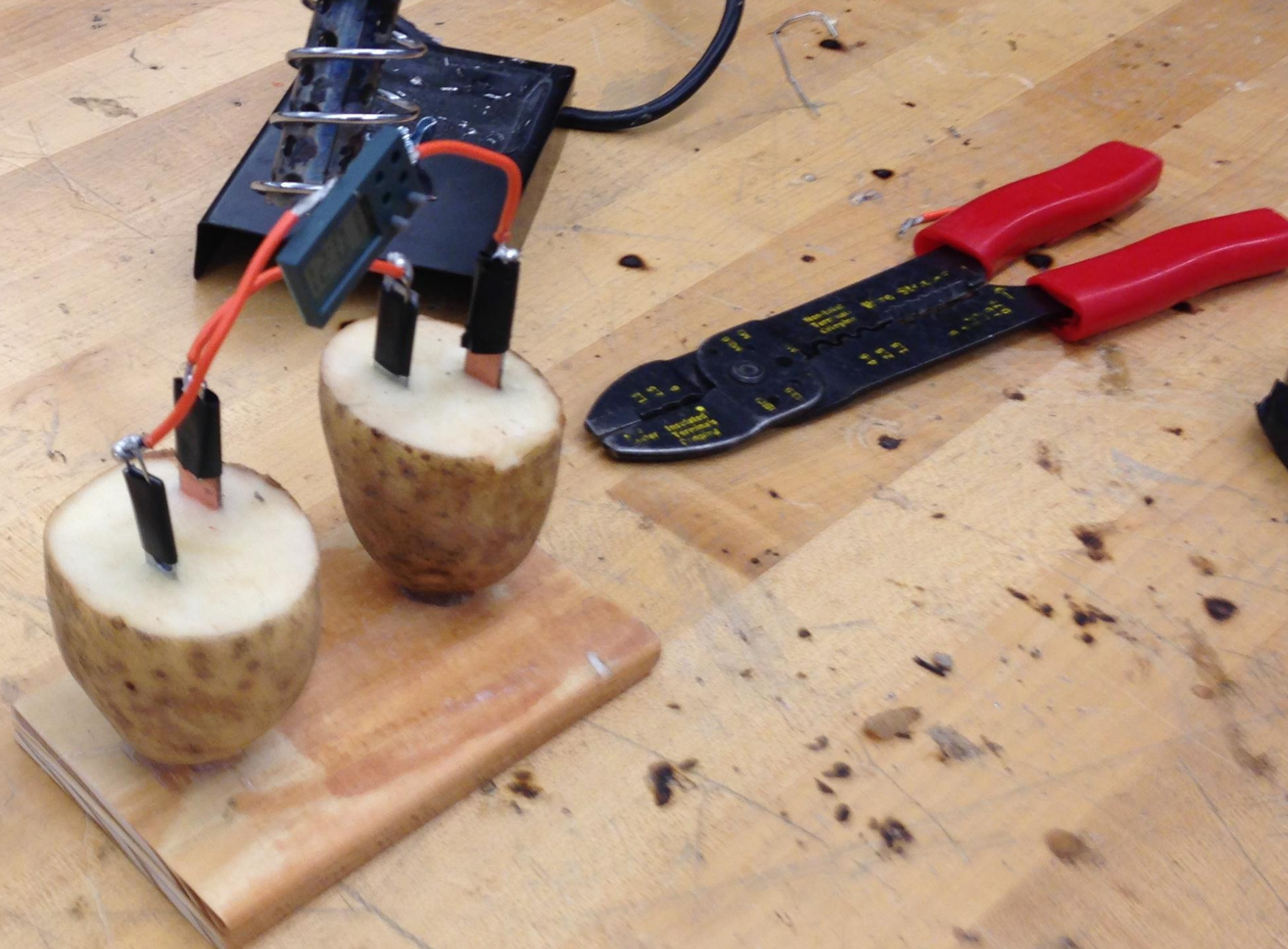
But back to those other tasty dishes. Lángos, a delicious deep-fried flatbread that is gratefully devoured with garlic sauce, cheese, sour cream and sometimes sausages.

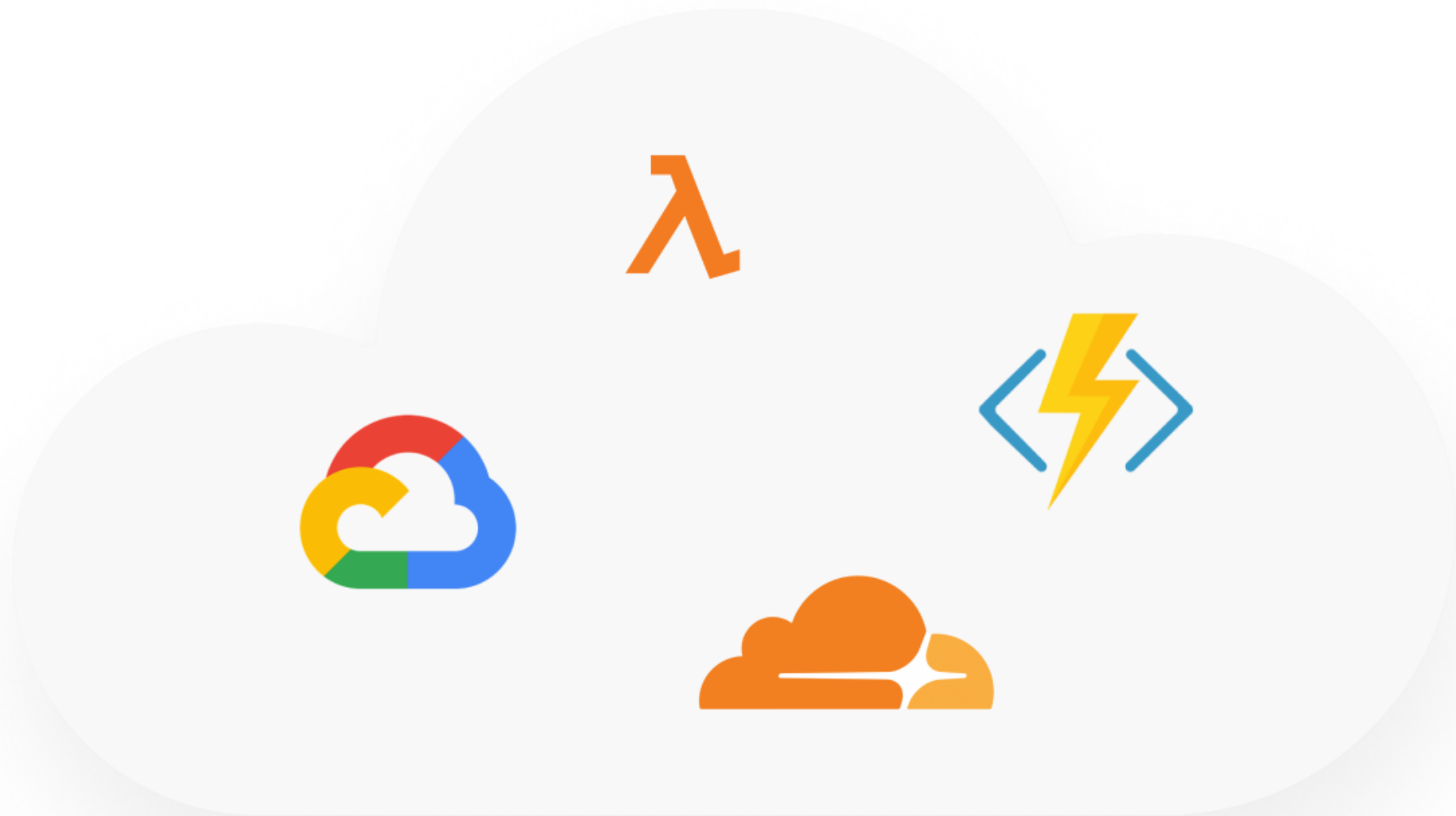


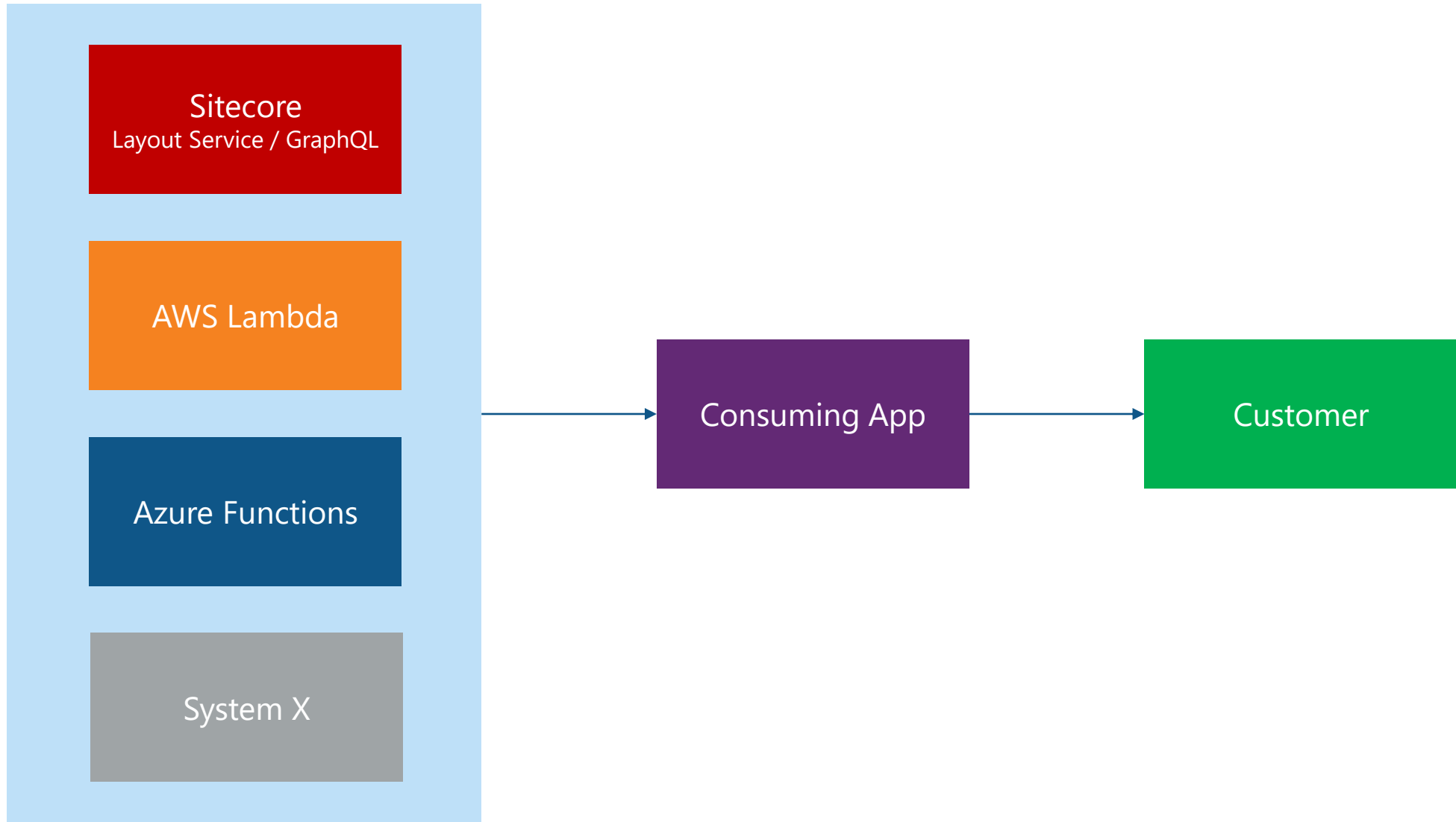
Data & Content







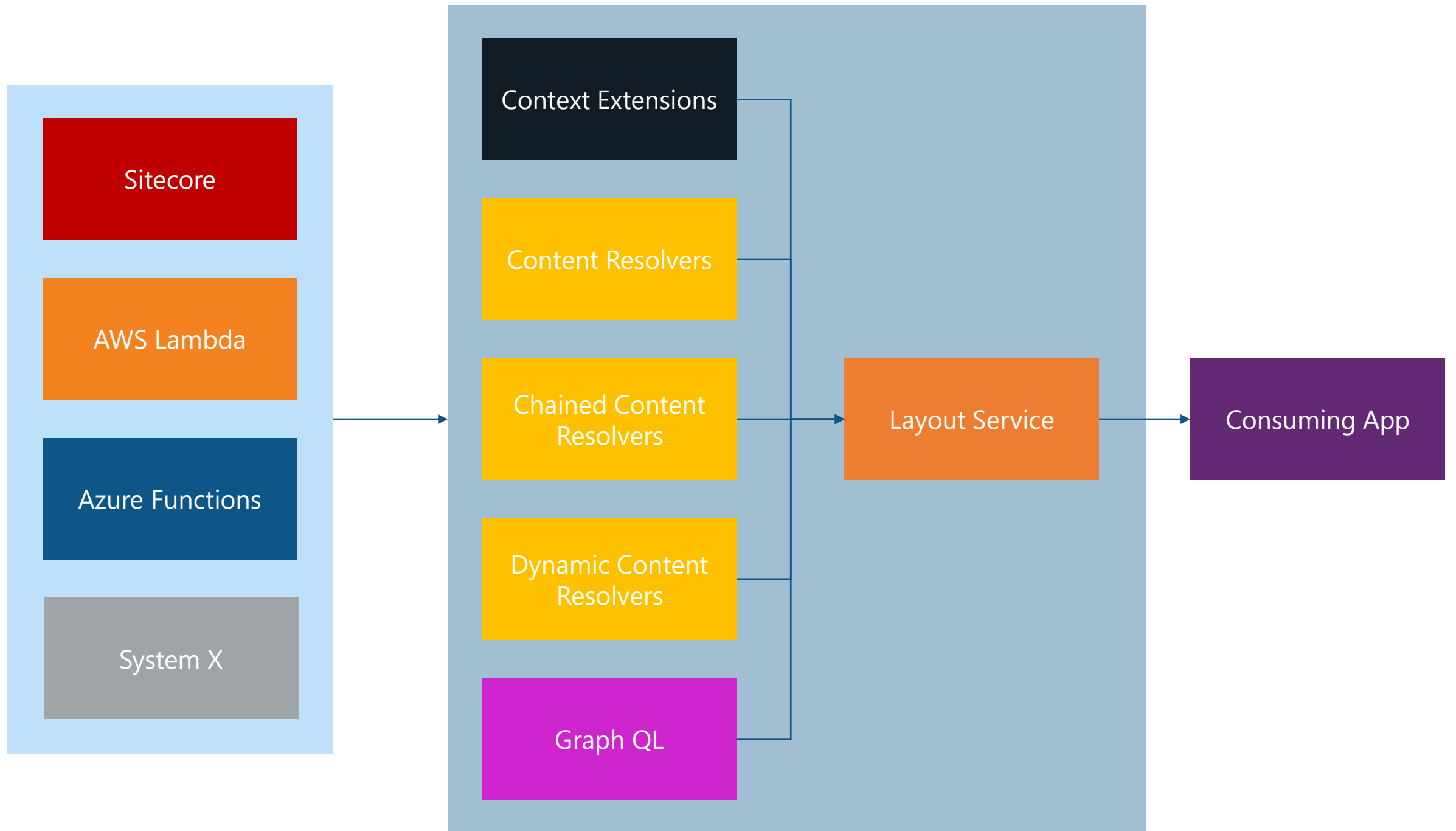






'Out the box' Sitecore data

Aka my first JSS page





- Create a **Json Rendering** and attach a **Rendering Contents Resolver**
- In solution inherit **RenderingContentsResolver**
- Customize behaviour in c#

```
return new
{
    name = "Contents Resolvers",
    sitecoreDeploymentNeeded = true,
    sitecoreChanges = new[] { "code", "content" },
};
```




- Use cases
 - Navigation // Header // Footer
- In solution inherit `JssGetLayoutServiceContextProcessor`
- Filter behaviour in config or c#

```
return new
{
    name = "Context Extensions",
    sitecoreDeploymentNeeded = true,
    sitecoreChanges = new[] { "code", "config" },
};
```

Layout Service Variables

Querystring / Context

- Site (sc_site)
- Route (item)
- Language (sc_lang)
- Database (sc_database)



- Create a **Json Rendering** and attach a **Rendering Contents Resolver**
- Merge the default output with your custom content

```
·var·additionalContentJsonObject·=·JsonObject.FromObject(additionalContentItem,·serializer);  
  
·resultObject.Merge(additionalContentJsonObject,·  
·····new·JsonMergeSettings·{·MergeArrayHandling·=·MergeArrayHandling.Concat·});
```

```
return new  
{  
    name = "Chained Contents Resolvers",  
    sitecoreDeploymentNeeded = true,  
    sitecoreChanges = new[] { "code", "content" },  
};
```


Demo time



An aerial photograph of a city, likely Budapest, featuring a wide river (Danube) with a suspension bridge (Chain Bridge) crossing it. The city is densely packed with buildings, and hills are visible in the background. A semi-transparent dark blue banner is overlaid across the middle of the image.

Zero * Sitecore deployments

You what?!? I thought deploying Sitecore was easy?

* Code free deployments



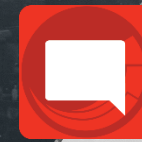
- Configure a GraphQL endpoint
- Create a **Json Rendering** and set a **Component GraphQL Query**

```
return new
{
    name = "Integrated Graph QL",
    sitecoreDeploymentNeeded = false,
    sitecoreChanges = new[] { "content" },
};
```




- Configure a GraphQL endpoint
- Create queries in your consuming application

```
return new
{
    name = "Connected Graph QL",
    sitecoreDeploymentNeeded = false,
    sitecoreChanges = new[] { },
};
```



- Create a **Json Rendering** and set a **Parameters Query**
 - `[--datasource:fields:*)]`
 - `[/sitecore/content/jss-your-data-your-way/Datasource Examples/Datasource Example:fields:*)]`
 - `[/sitecore/content/Home:fields:Text->Remapped Text]`
- Casting, **Field remapping**, Wildcards, **Children**, Lists, **Linked items**, Aggregation

```
return new
{
    name = "Dynamic Content Resolvers",
    sitecoreDeploymentNeeded = false,
    sitecoreChanges = new[] { "content" },
};
```


Demo time

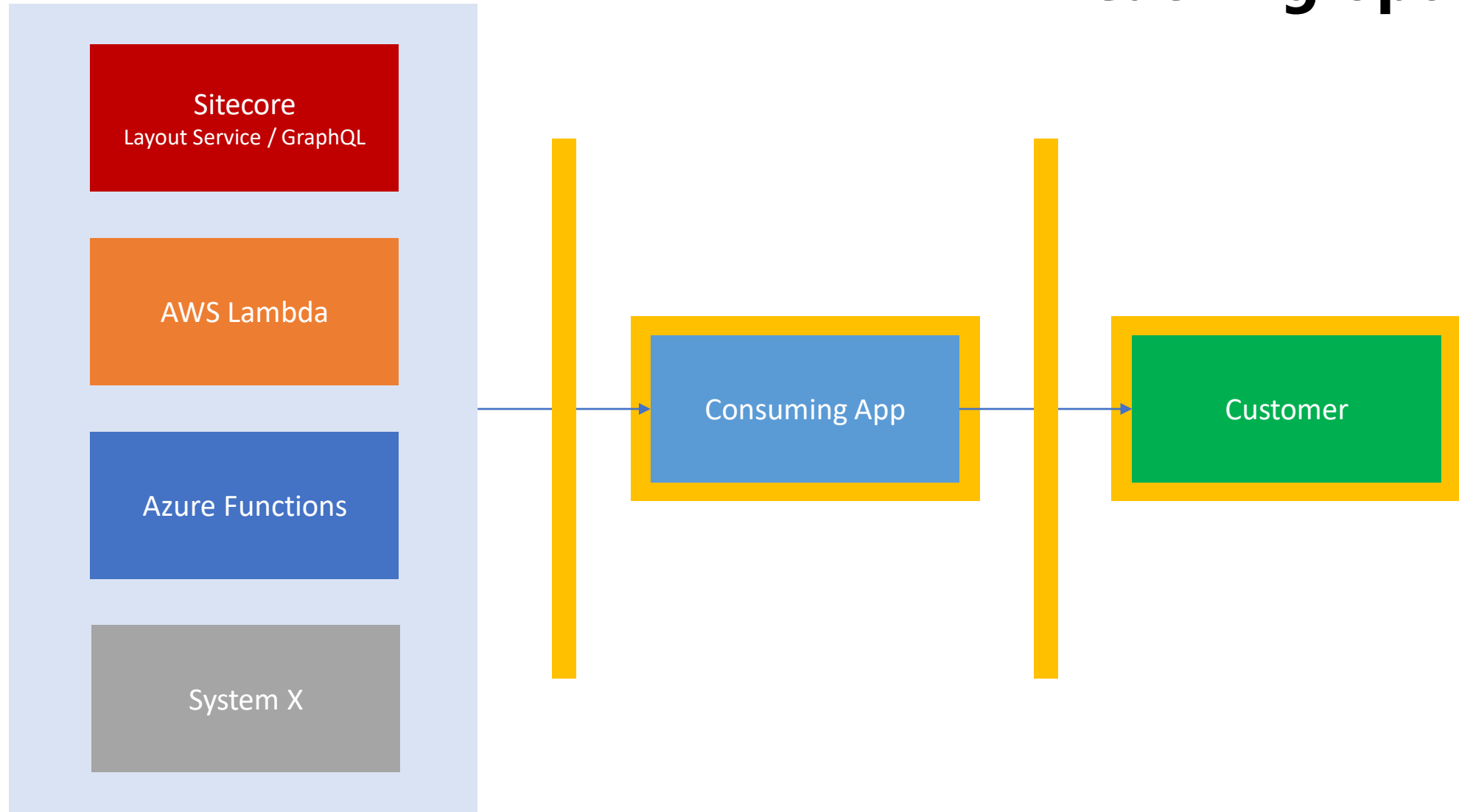


VOLUME I

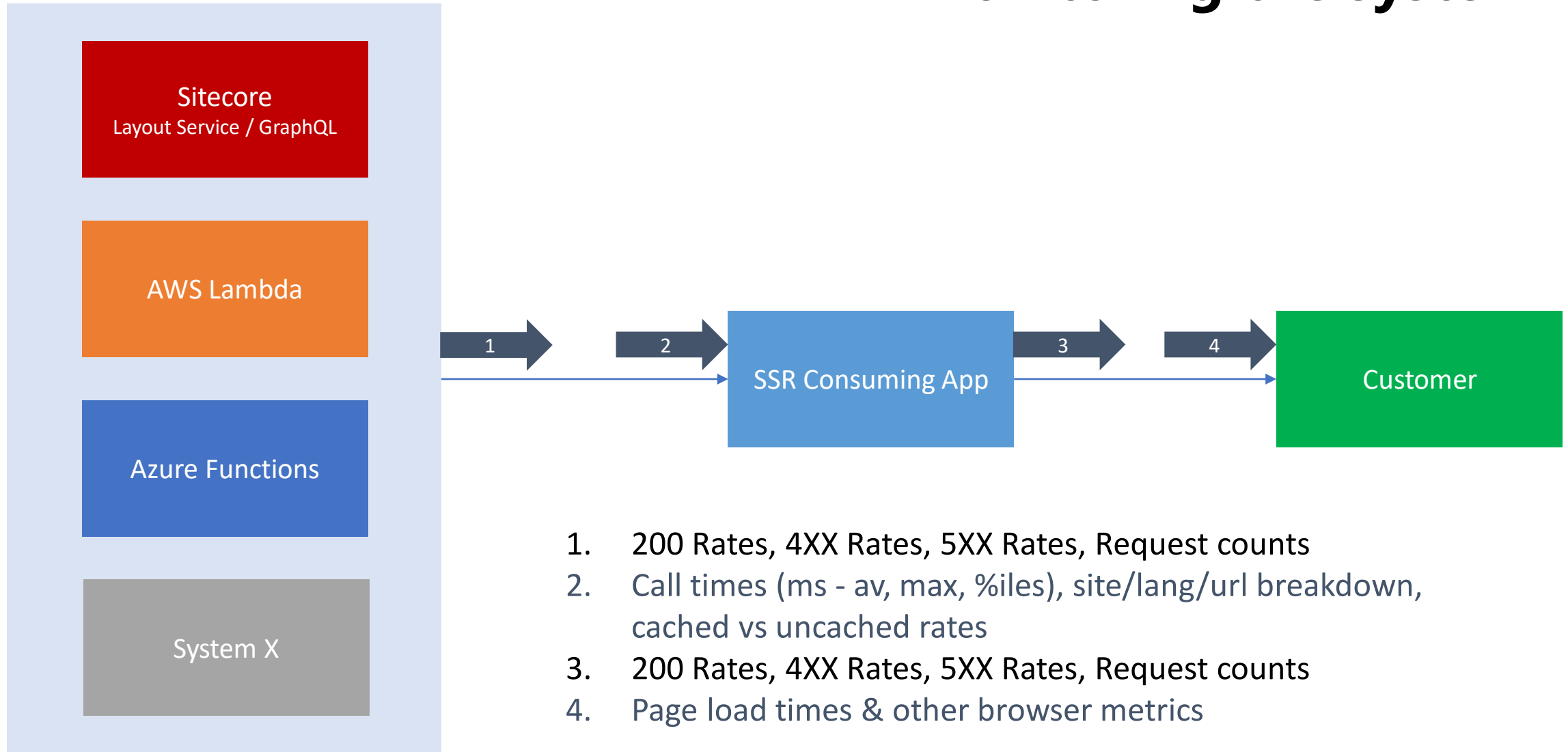
VOLUME II



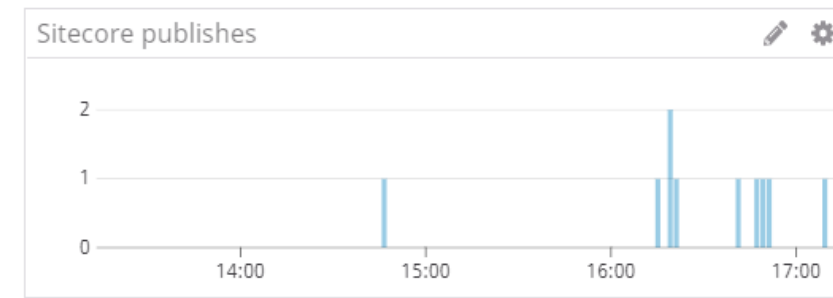
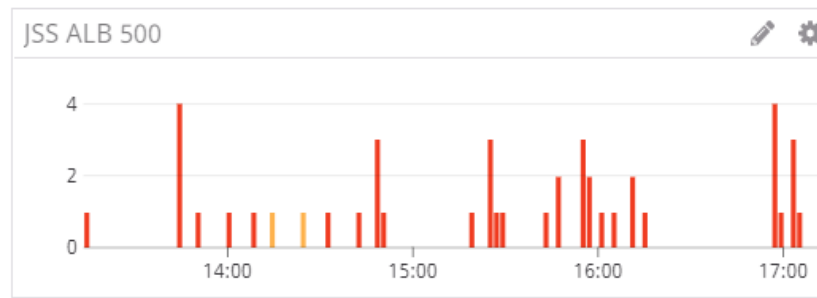
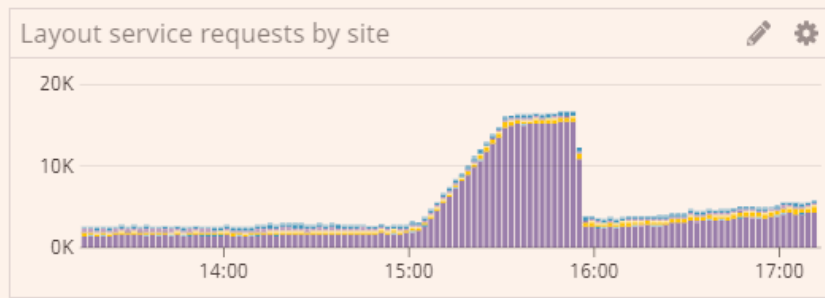
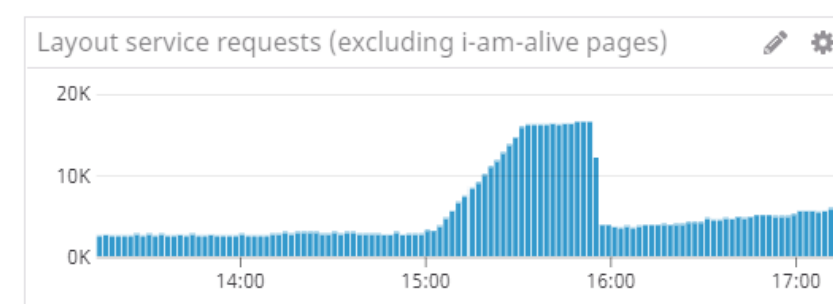
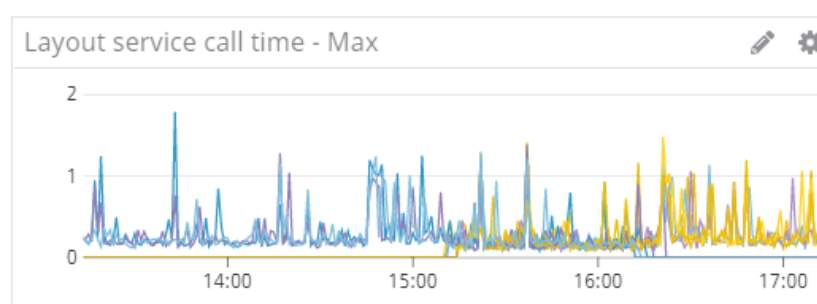
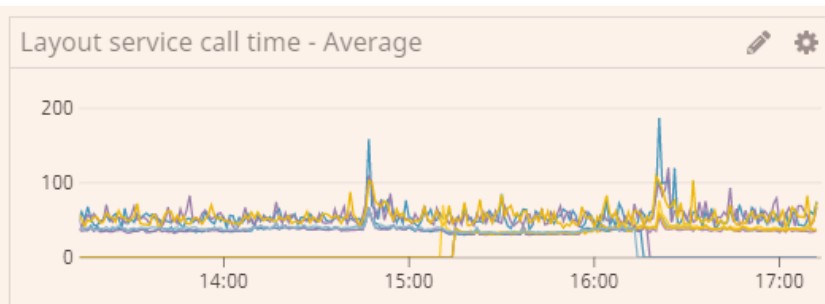
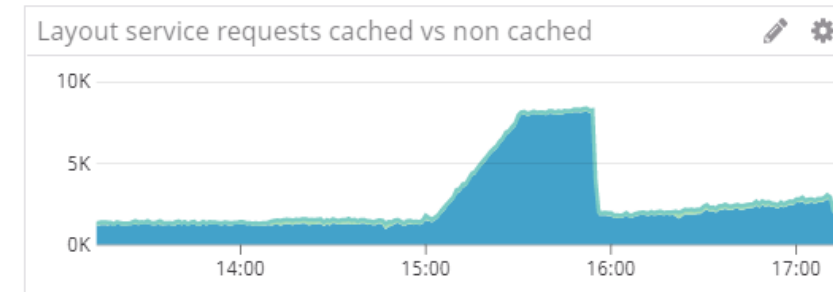
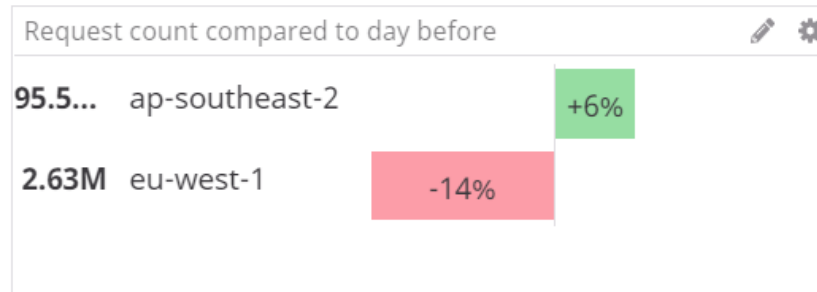
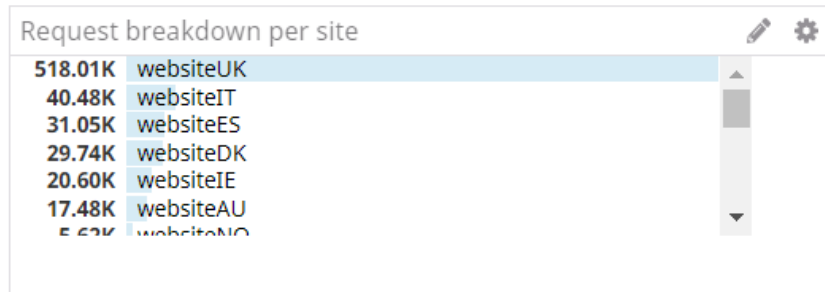
Caching options



Monitoring the system



Monitoring the system





// JSS – Your Data, Your Way

1. Any source of data is viable
2. Caching is your friend
3. Monitor the seams

– Nick Hills

<https://github.com/boro2g/JssYourDataYourWay>



I am a proud community member! Please contact me on the following handles:



nickhills

sitecorechat.slack.com



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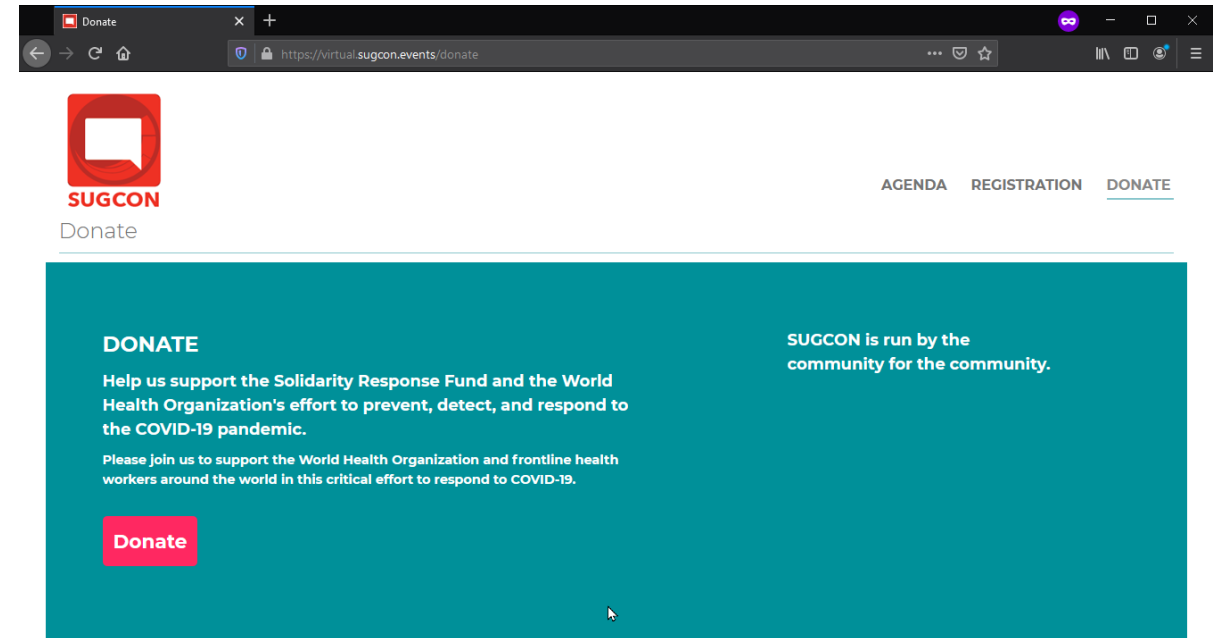
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**Thank you
and **stay safe** folks!**

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