



adaptTo()

APACHE SLING & FRIENDS TECH MEETUP
10-12 SEPTEMBER 2018

What's new with filters & pipes?
N. Peltier, Adobe

Filter Predicate

- No annotations, no predicate

```
public void doFilter(ServletRequest pRequest, ServletResponse pResponse,
    FilterChain pChain) throws IOException, ServletException {
    if (!(pRequest instanceof SlingHttpRequest)) {
        throw new ServletException("Request is not a Sling HTTP request.");
    }
    if (isFilterEnabled(slingRequest)) {
        // Implement Filter-Logic
    } else {
        // continue with filter chaining
        pChain.doFilter(pRequest, pResponse);
    }
}
```

After (engine 2.6.14 / annotations 1.1.0)

- Clearer code, clearer call stack

```
@Component
```

```
@SlingServletFilter(scope = {SlingServletFilterScope.REQUEST},  
    suffix_pattern = "/suffix/foo",  
    resourceTypes = {"foo/bar"},  
    pattern = "/content/*",  
    extensions = {"txt", "json"},  
    selectors = {"foo", "bar"},  
    methods = {"GET", "HEAD"})
```

```
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    FilterChain pChain) throws IOException, ServletException {  
    // Implement Filter-Logic  
}
```

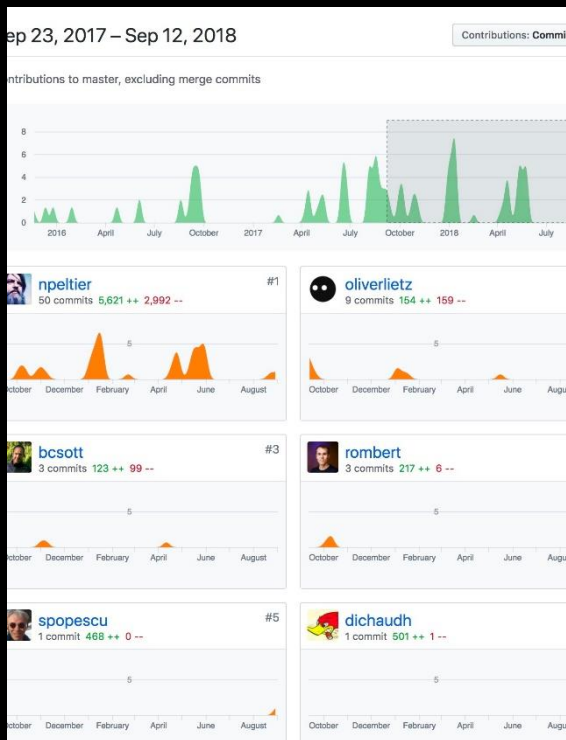
Apache Sling Pipes

Apache Sling Pipes

- Chain the Sling bits you love to
 - Fix or migrate content
 - Quickly run and maintain boilerplate code
 - Common execution goodies (Dry run, async, multi-thread, JMX, ...)
- Version 3.0.0 is about to be released

99 bottles of beer Demo

- Contributions are welcome!



References

- <https://github.com/npeltier/99-bottles-of-beers-with-sling>
- <https://sling.apache.org/documentation/the-sling-engine/filters.html>