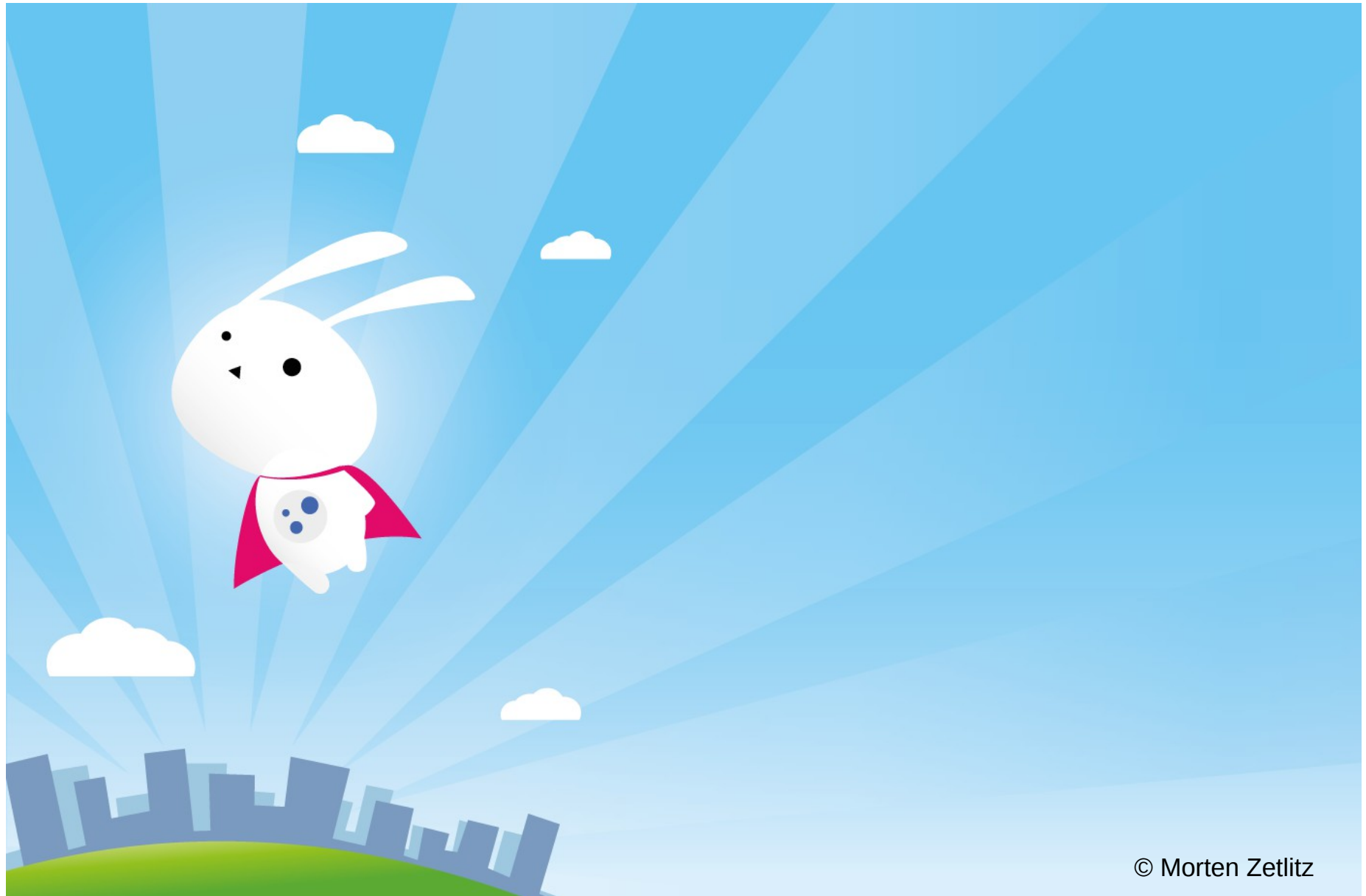


Common configuration pitfalls



Agenda

- The default VCL is always appended!
- Timeouts
- The dangers of saint mode
- Slow pass
- pipe

The default VCL is always appended! (Why won't it cache my content?)

- Read the default VCL
- Understand the default VCL
- If your VCL doesn't work as expected, read the default VCL again
- `return(something)` to avoid running the default VCL

Timeouts

(Why do I get a 503?)

- Client timeouts
 - `send_timeout`
 - `sess_timeout`
- Backend timeouts
 - `first_byte_timeout`
 - `between_bytes_timeout`
 - `connect_timeout`
 - `pipe_timeout`

The default VCL is always appended!

The dangers of saint mode (Why won't it connect to my backend?)

- `saint_mode_threshold`

The default VCL is always appended!

Slow pass

(why is this page so slow?)

- Without a HitPass object, all requests will be serialized
- 3.0 changed `return(pass)` in `vcl_fetch` to `return(hit_for_pass)` to signal a different behaviour from `return(pass)` in `vcl_recv`
- A HitPass object will be saved....

IF it has a TTL

The default VCL is always appended!

pipe

(why isn't varnishlog showing my requests?)

- Pipe can have unintended consequences, use as a last resort!
- Did I mention that you should read the default VCL?

```
sub vcl_pipe {  
    # Note that only the first request to the backend will have  
    # X-Forwarded-For set.  If you use X-Forwarded-For and want to  
    # have it set for all requests, make sure to have:  
    # set bereq.http.connection = "close";  
    # here.  It is not set by default as it might break some broken web  
    # applications, like IIS with NTLM authentication.  
    return (pipe);  
}
```

pipe (cont)

- If varnishlog (and varnishncsa) doesn't show all your requests, it's because you pipe'd and didn't set Connection: close

The default VCL is always appended!

Questions?