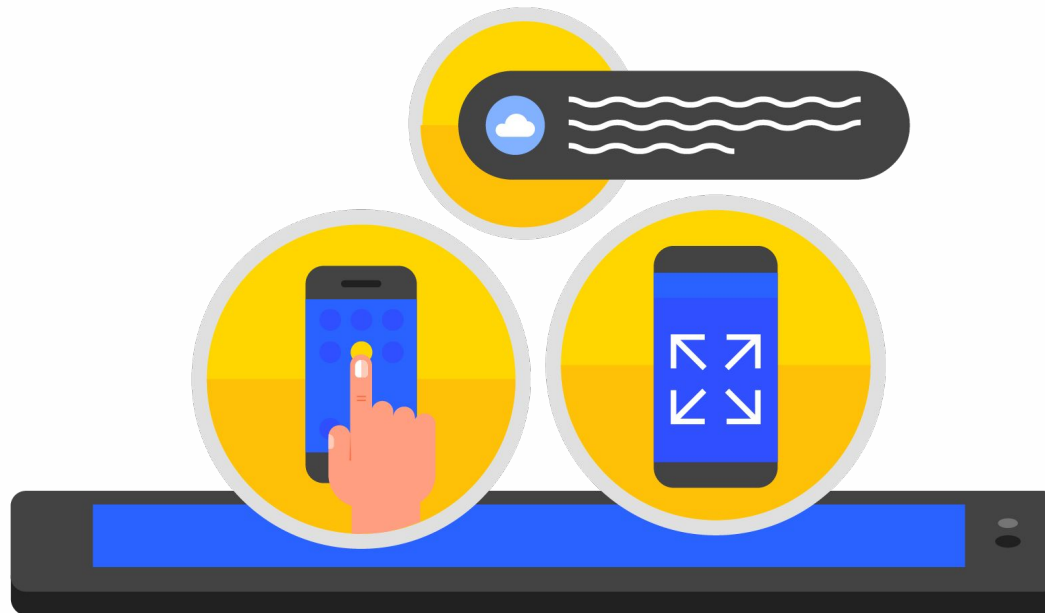




progressive web app et performance

 **ceci n'est pas une présentation sur les PWA !**



le progressive enhancement



abonnés à la une football tennis rugby cyclisme basket auto-moto golf handball athlétisme combat esport **adrénaline**

surf

ski

snowboard

ultra-trail

skateboard

escalade

VTT

alpinisme

breakdance

aventure

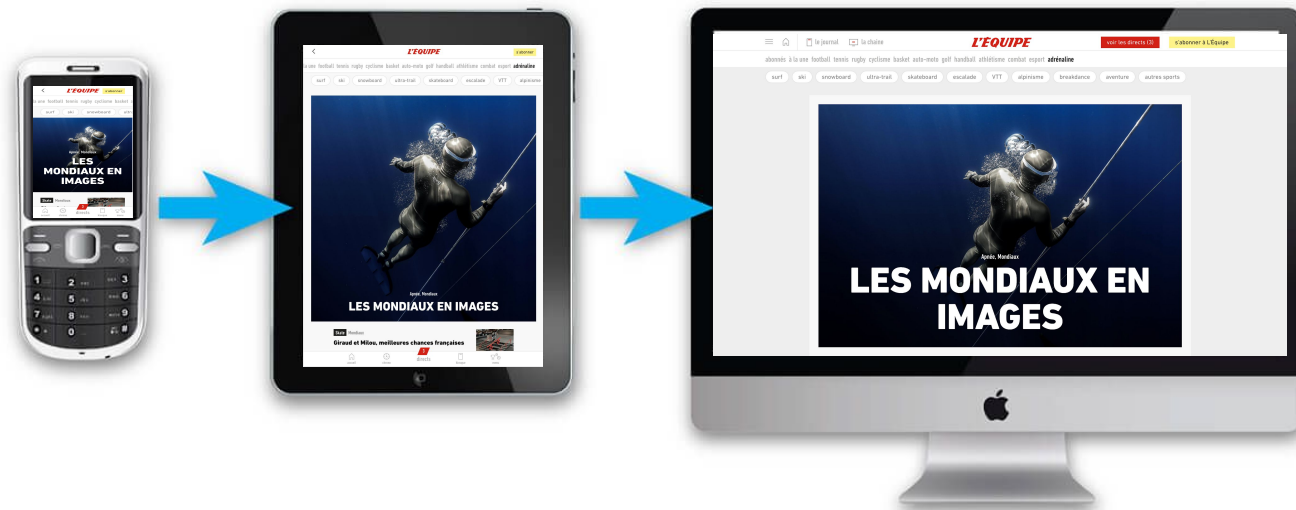
autres sports



Apnée, Mondiaux

LES MONDIAUX EN IMAGES

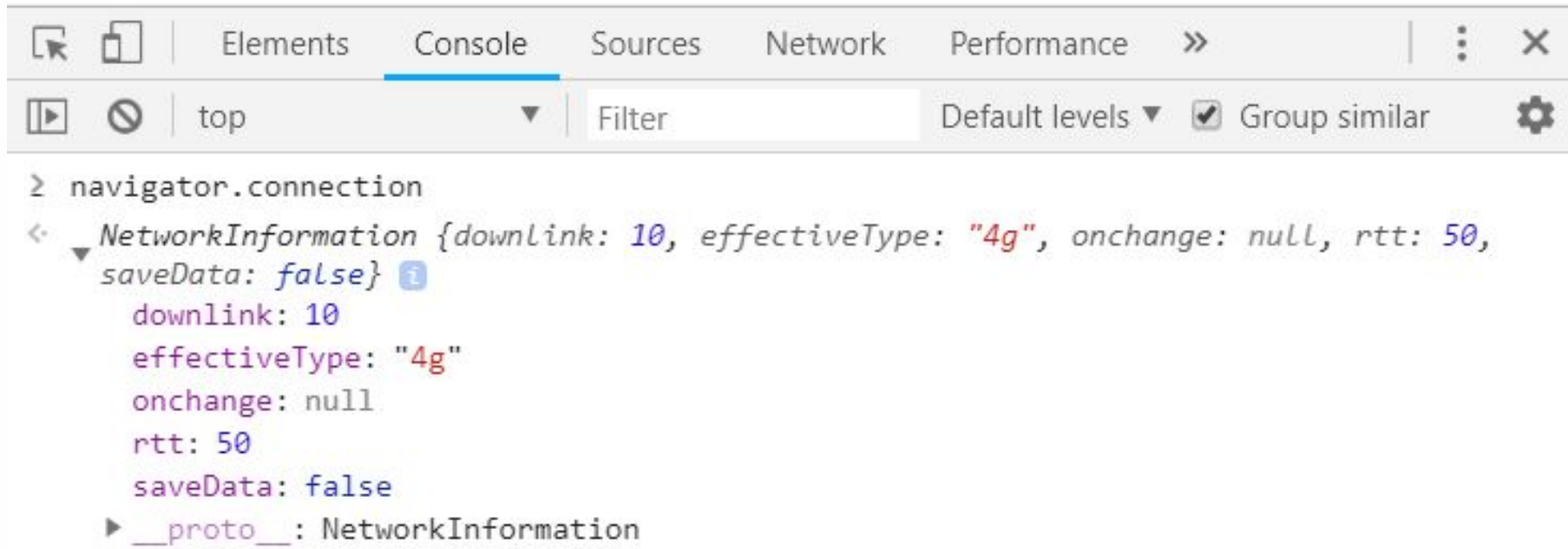
être responsive et progressive



déterminer la qualité de la connexion



la network information API



The screenshot shows a web browser's developer console with the 'Console' tab selected. The console displays the result of the command `navigator.connection`, which is a `NetworkInformation` object. The object's properties are listed in a collapsed state, with a small arrow indicating it can be expanded. The properties shown are `downlink` (10), `effectiveType` ("4g"), `onchange` (null), `rtt` (50), and `saveData` (false). An information icon (i) is next to the object name. Below the collapsed object, the `__proto__` property is shown, pointing to the `NetworkInformation` prototype.

```
> navigator.connection
< NetworkInformation {downlink: 10, effectiveType: "4g", onchange: null, rtt: 50, saveData: false} ⓘ
  downlink: 10
  effectiveType: "4g"
  onchange: null
  rtt: 50
  saveData: false
  ▶ __proto__: NetworkInformation
```

la fonction getConnectionSpeed()

SLOW

- effectiveType == slow-2G
- effectiveType == 2G
- saveData == true

MEDIUM

- effectiveType == 3G
- Network API non supporté

FAST

- effectiveType == 4G

retour aux images



compression JPG 25
pixelRatio 1

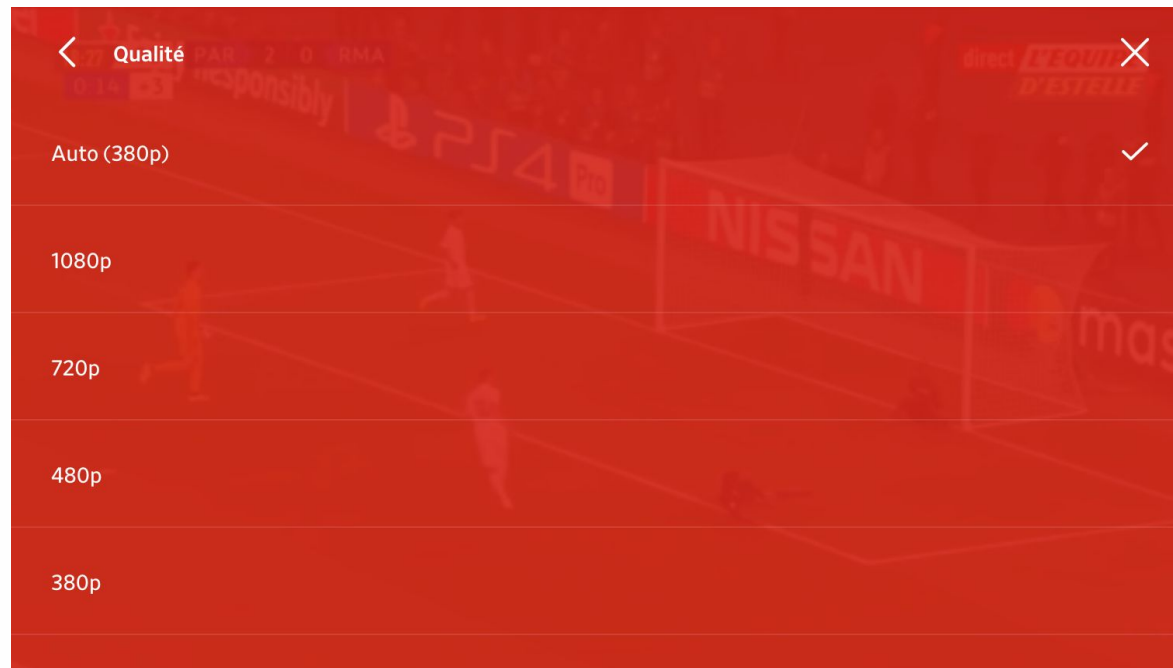


compression JPG 50
pixelRatio 1 ou 2



compression JPG 100
pixelRatio 1 ou 2

et sur les vidéos ?



graceful degradation du player



image de remplacement,
pas d'embed chargé



embed vidéo sans
autoplay



embed vidéo avec
autoplay

on applique le principe où l'on veut (ou peut...)

SLOW

- lazyload offset = 0
- pas de prefetch
- pas de scripts tiers
- pas de fonts
- etc.

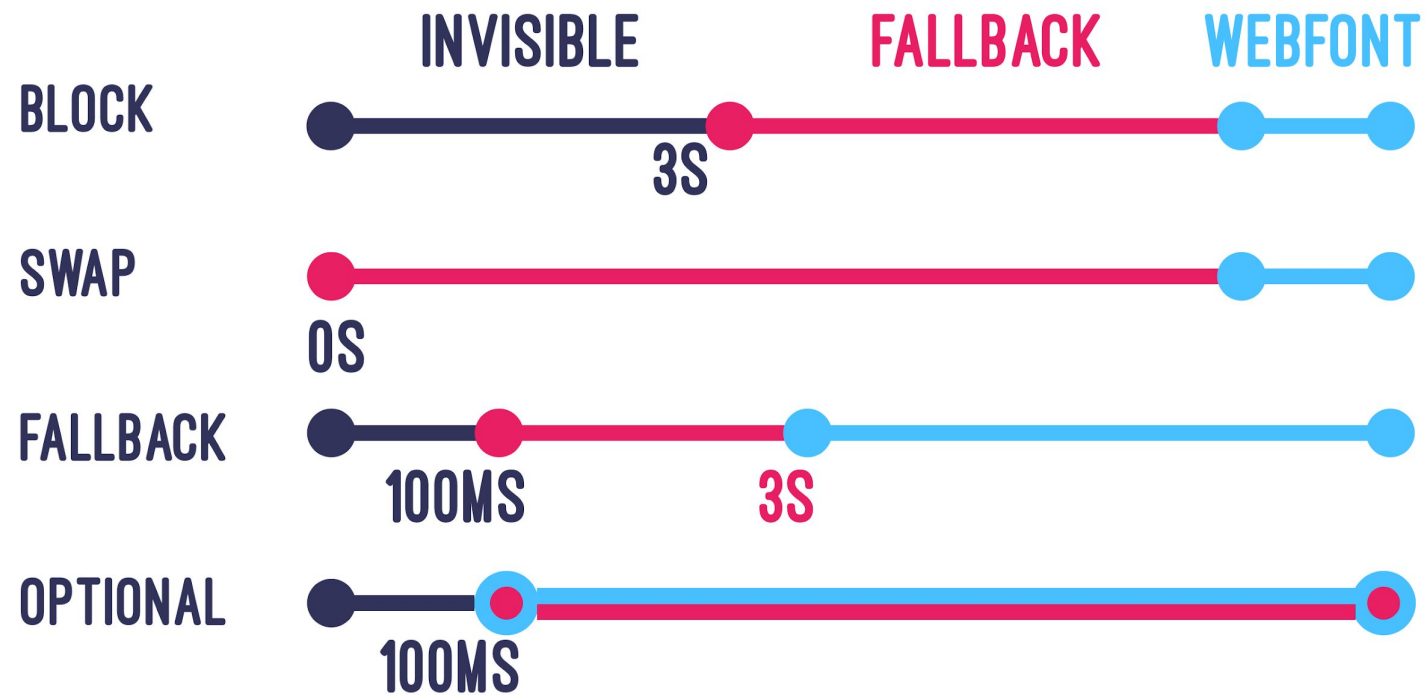
MEDIUM

- lazyload offset = 100px
- prefetch au survol
- scripts tiers essentiels
- 1 font
- etc.

FAST

- lazyload offset = 400px
- prefetch de tous les liens
- scripts tiers
- font + graisses
- etc.

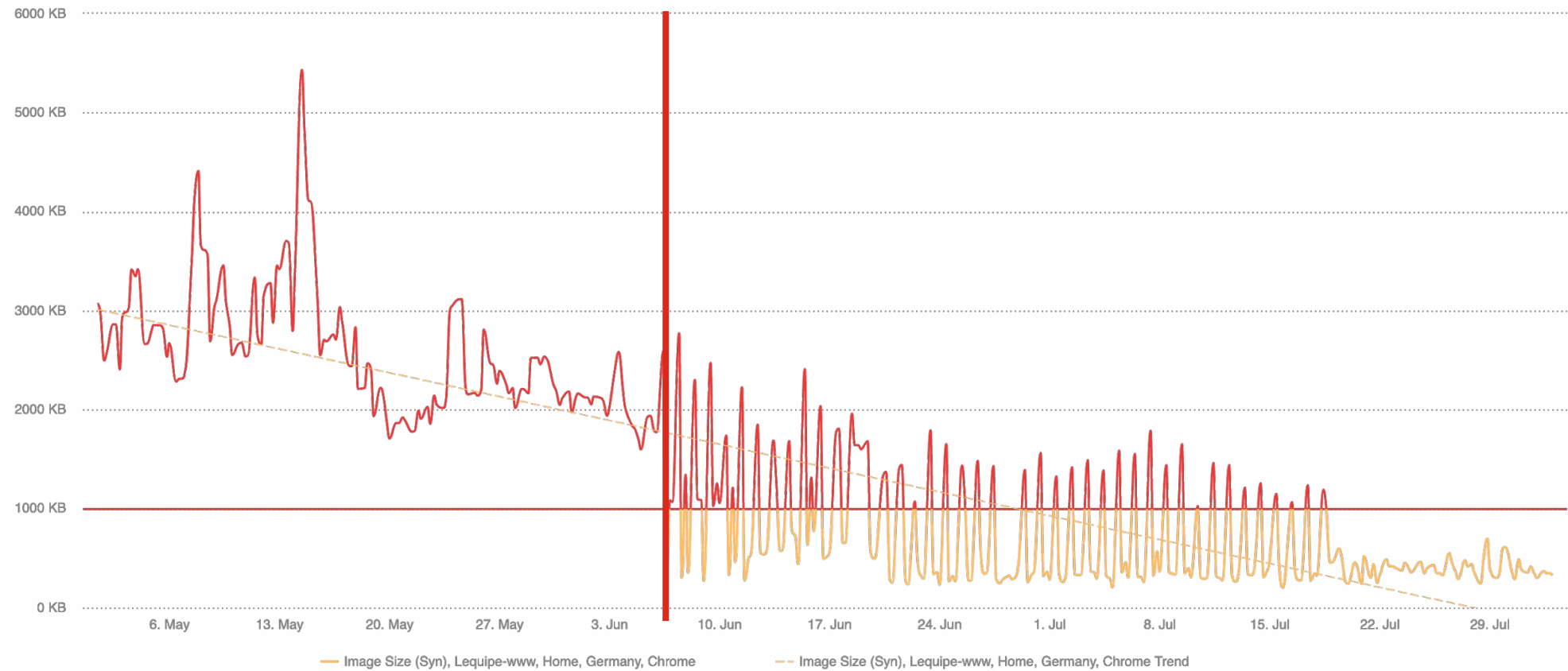
la propriété CSS font-display



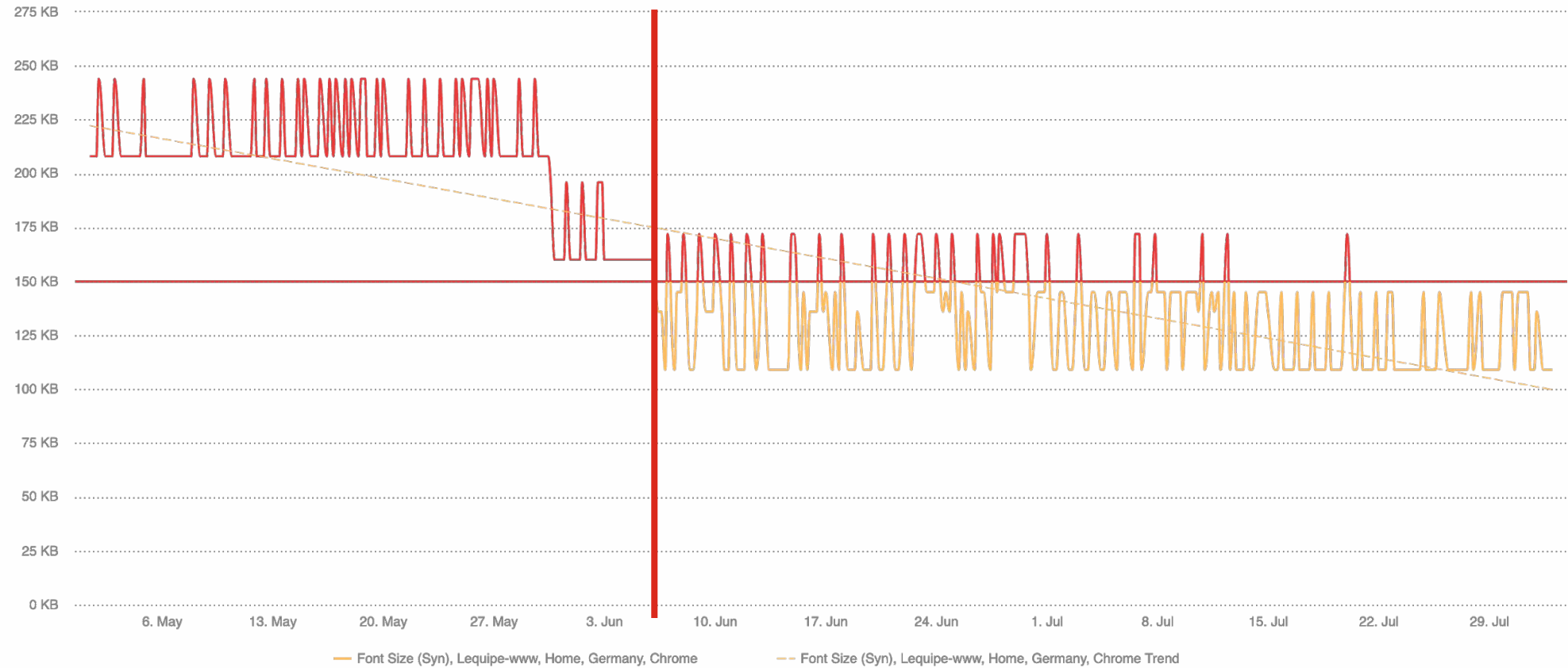
A thick red diagonal stripe runs from the top-left corner towards the bottom-left, leaving a white triangular area in the top-left corner.

metrics

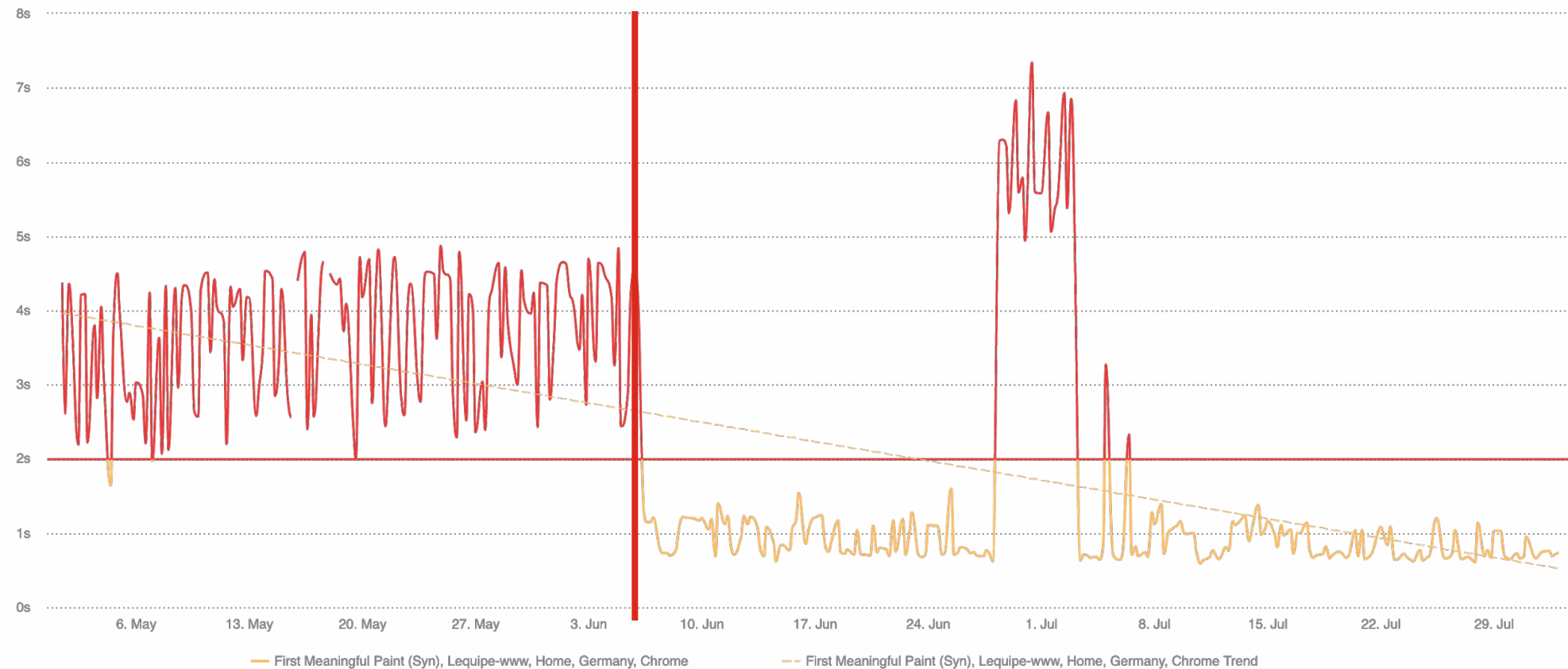
chargement des images



chargement des fonts



temps de chargement





medium.com/lequipe-tech