DIY-MOD: Client–Server–Worker Timing Diagram

Legend:
- Critical path (blocks initial response)
- Asynchronous (non-blocking)

Extension Client:
- Intercept Batch (N posts)
- Recv. Batch | Apply CSS
- Polling for img Resource
- Image Renders

DIY-MOD Server:
- Parse Req. | Text+img Analysis | Apply text Interventions | Dispatch img Proc | Return Batch

Celery Workers:
- Generate K Candidates | Score K Candidates | Select best+ Cache | Available for Polling

Request (Batch of N)

Response (text mods + tokens)

Forward Processing

Attempt:1 Unsuccessful

Attempt:2 Successful

Ready: Xformation +Metadata

Time →