cyclopt

Monitoring and Stress Testing tool

HEALTH CHECK

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Cyclopt Health Check Monitoring and Stress Testing tool is designed to **monitor the performance, responsiveness, and functionality** of APIs, ensuring they are operating as expected and meeting service level agreements (SLAs).

API Endpoint Monitoring
Monitor the availability and responsiveness of API endpoints by performing periodic checks to the API endpoints in order to verify their accessibility and measure response times.

Performance Metrics Tracking
Capture and analyze various performance metrics related to APIs, such as response time, latency, throughput, error rates, and status codes. Get the best insights that identify performance bottlenecks, troubleshoot issues, and optimize API performance.

Error Monitoring and Alerting
Monitor API responses for errors or unexpected behaviors. Detect error codes, error messages, or data inconsistencies, and generate alerts and notifications when such issues are identified.

Request Validation
Validate API requests against predefined rules and expected data formats. Check parameters, headers, payload structure, and authentication mechanisms to ensure that requests adhere to the defined specifications.

Load Testing and Scalability
Harness the advanced load testing capabilities that enable simulating high volumes of API requests to assess how the API handles different loads and identify any performance degradation or scalability issues.

Integration and Analytics
Integrate with logging systems, analytics platforms, or API management tools to provide comprehensive insights into API usage, trends, and performance. Facilitate troubleshooting, capacity planning, and optimizing API design.

Historical Data and Reporting
Instant access to historical monitoring data and advanced reporting capabilities. This enables tracking trends, identifying patterns, and assessing long-term performance metrics.

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HEALTH CHECK SCREENS

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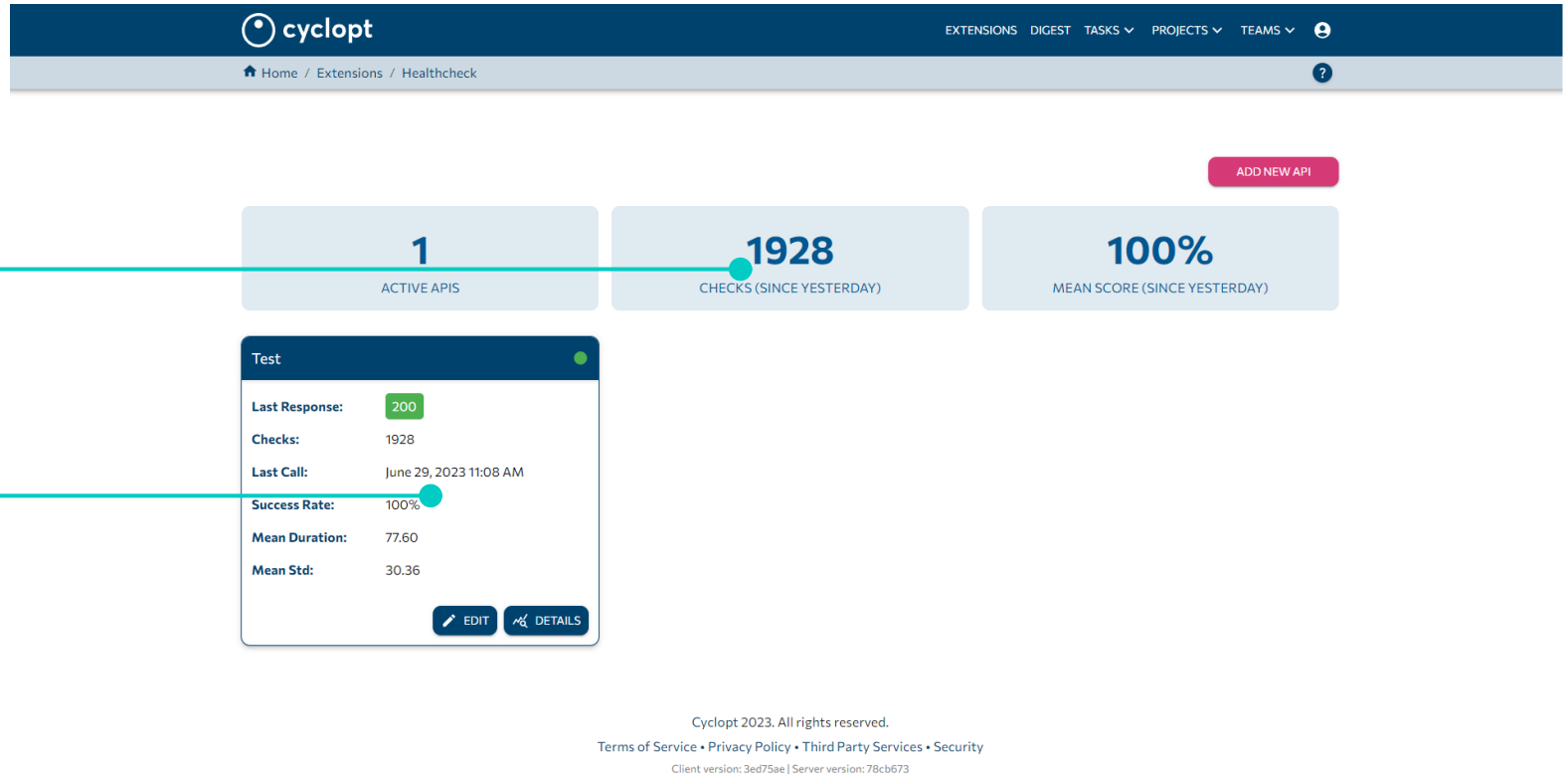
Overall Statistics of APIs

Keep track of active API checks



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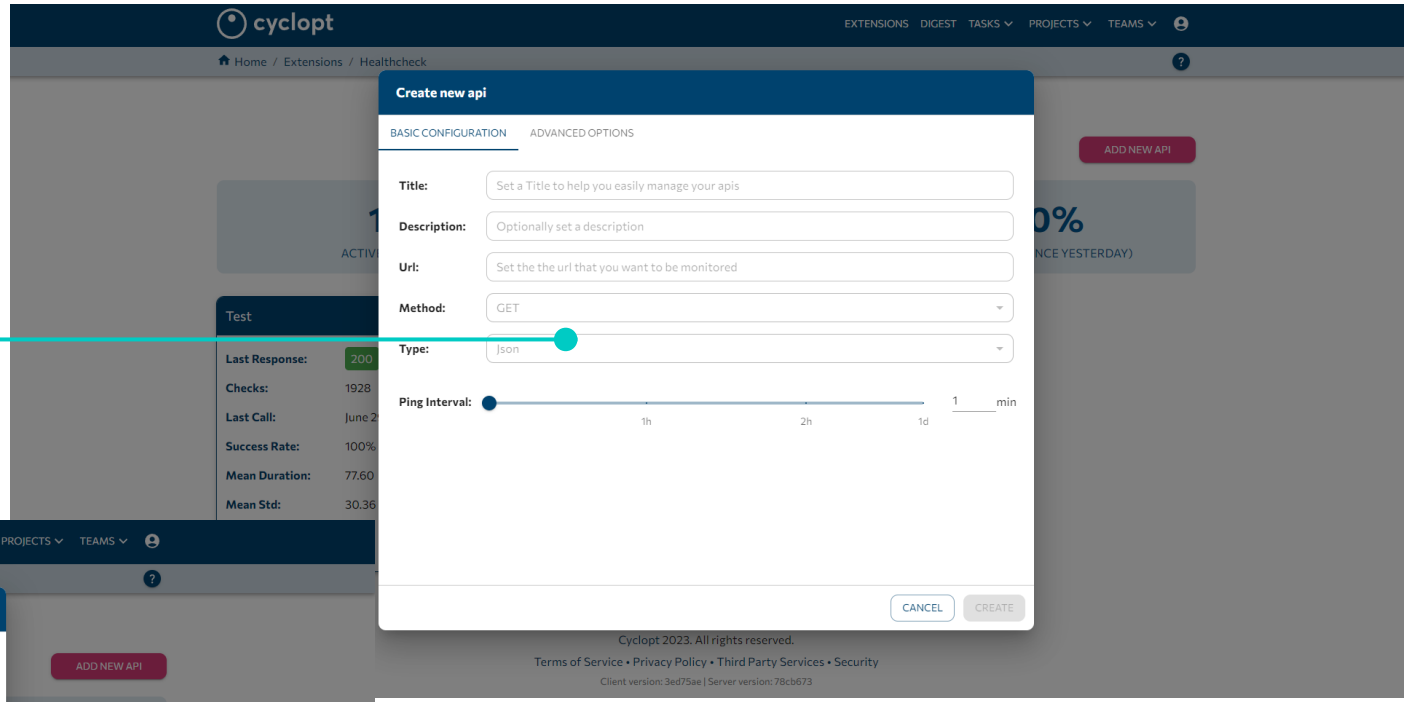
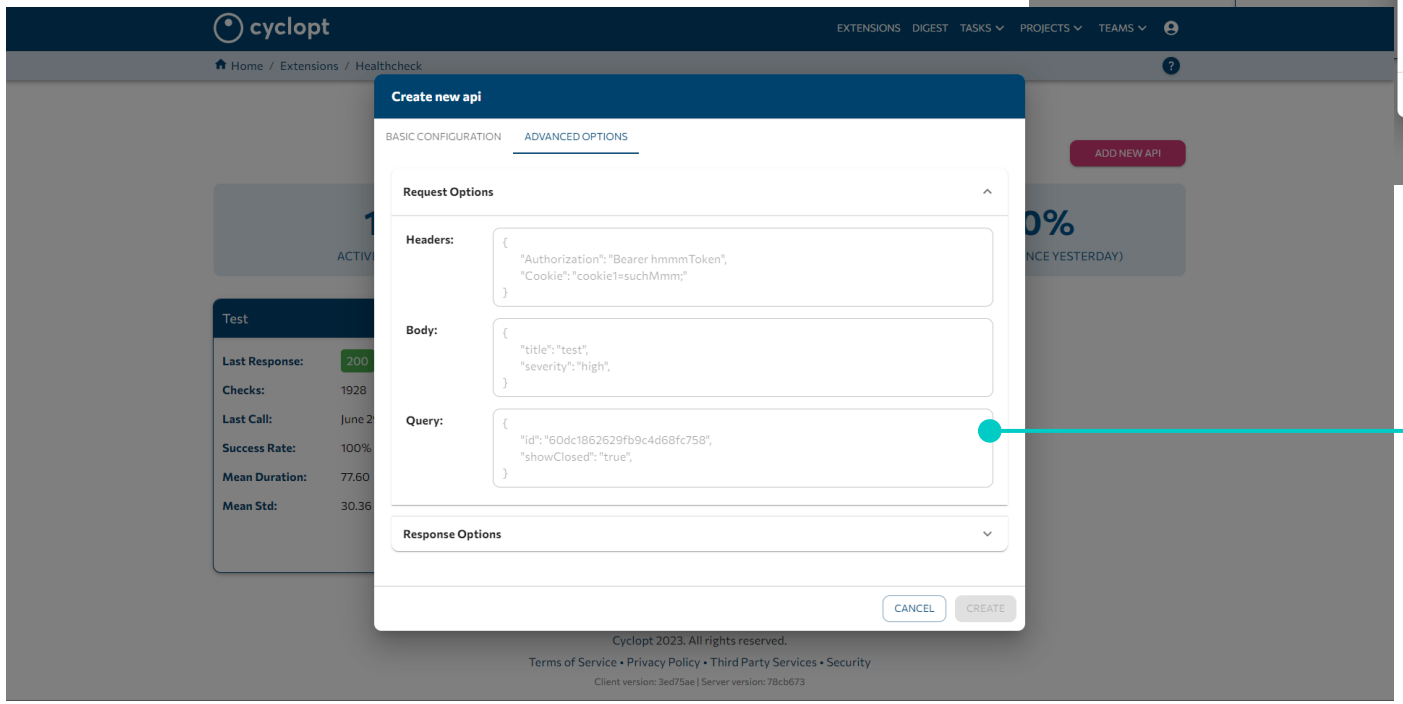
Add characteristics of new API check





Advanced options of configuration

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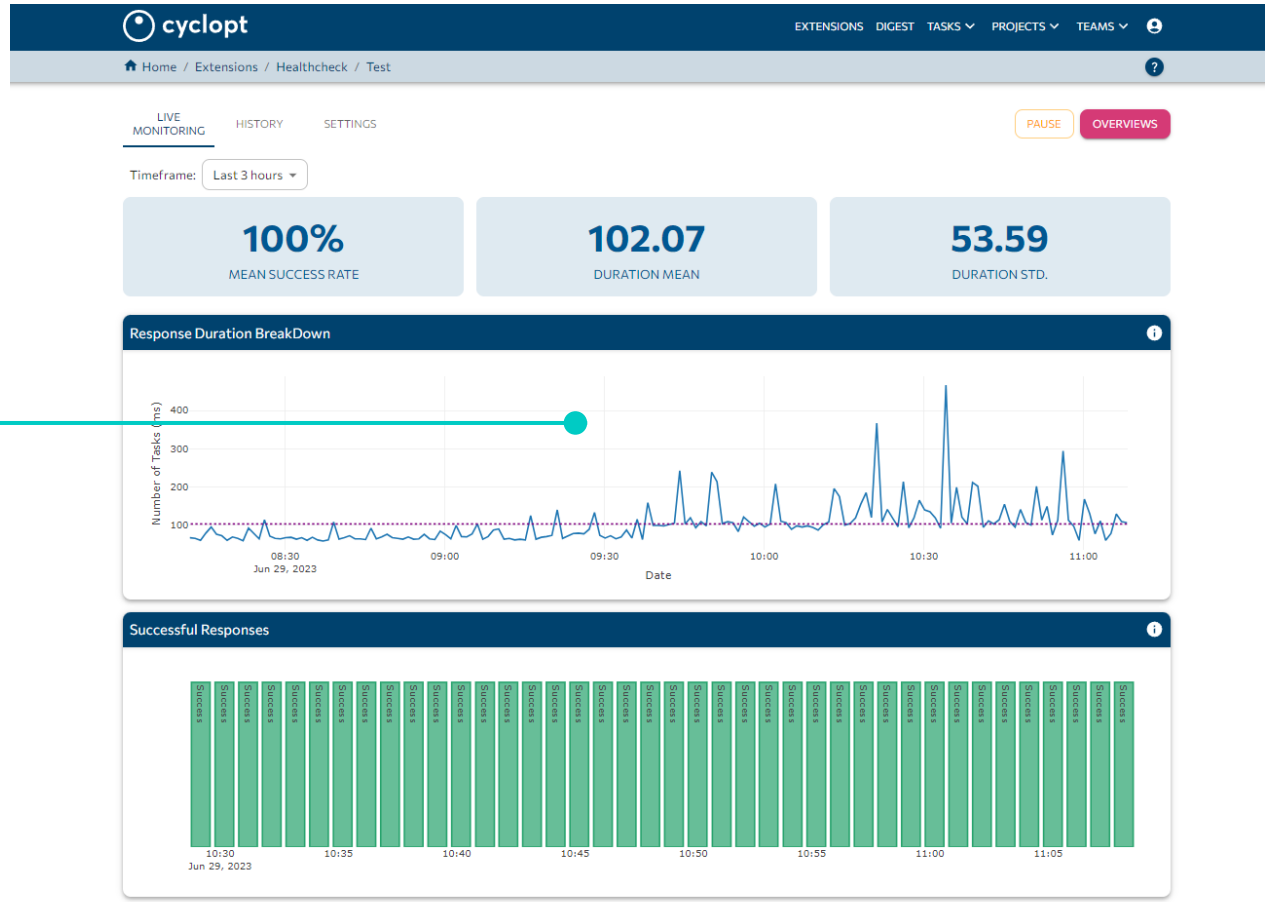
Useful info about last day's responses



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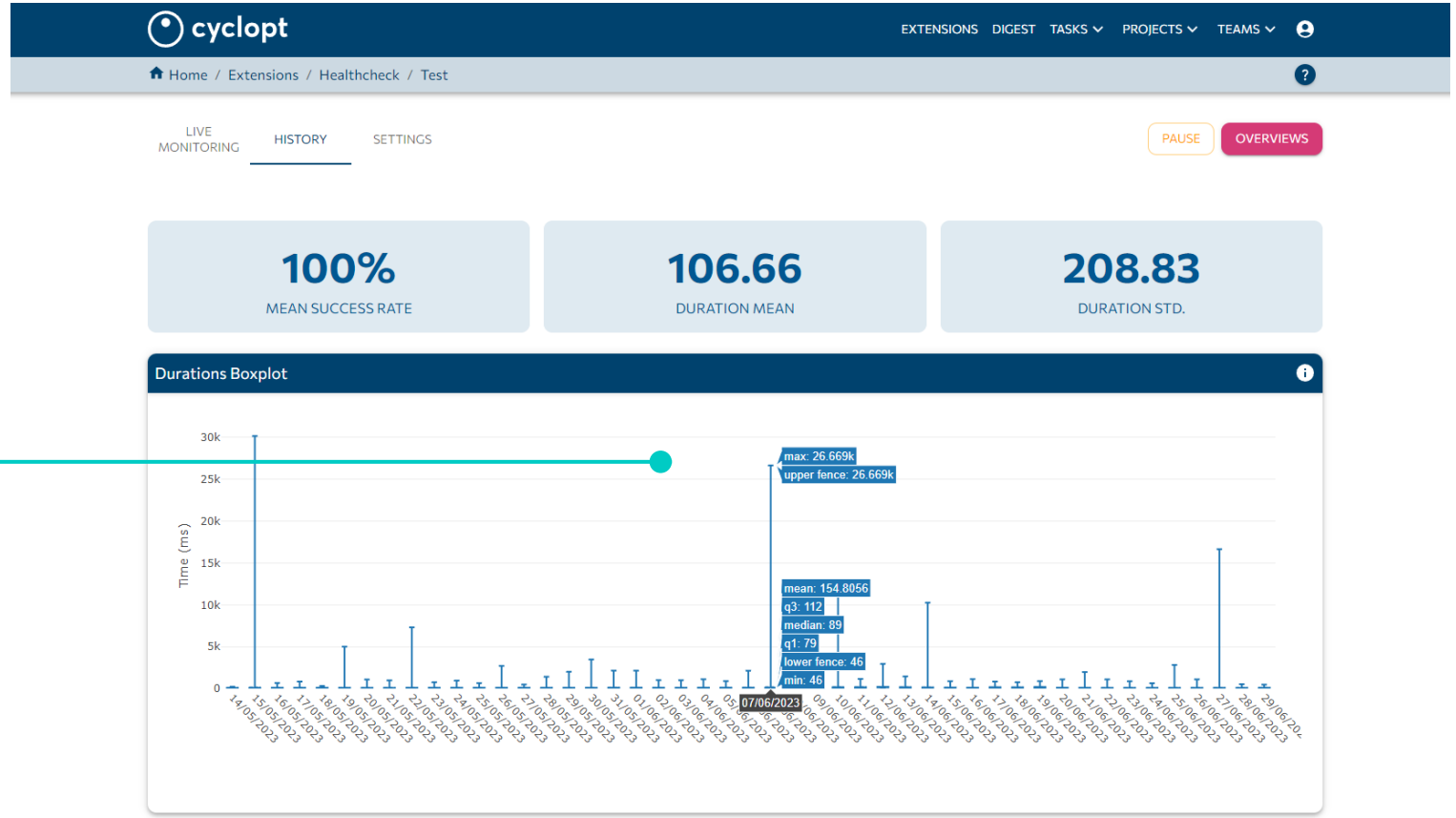
Duration info and statistics about overall responses of API check



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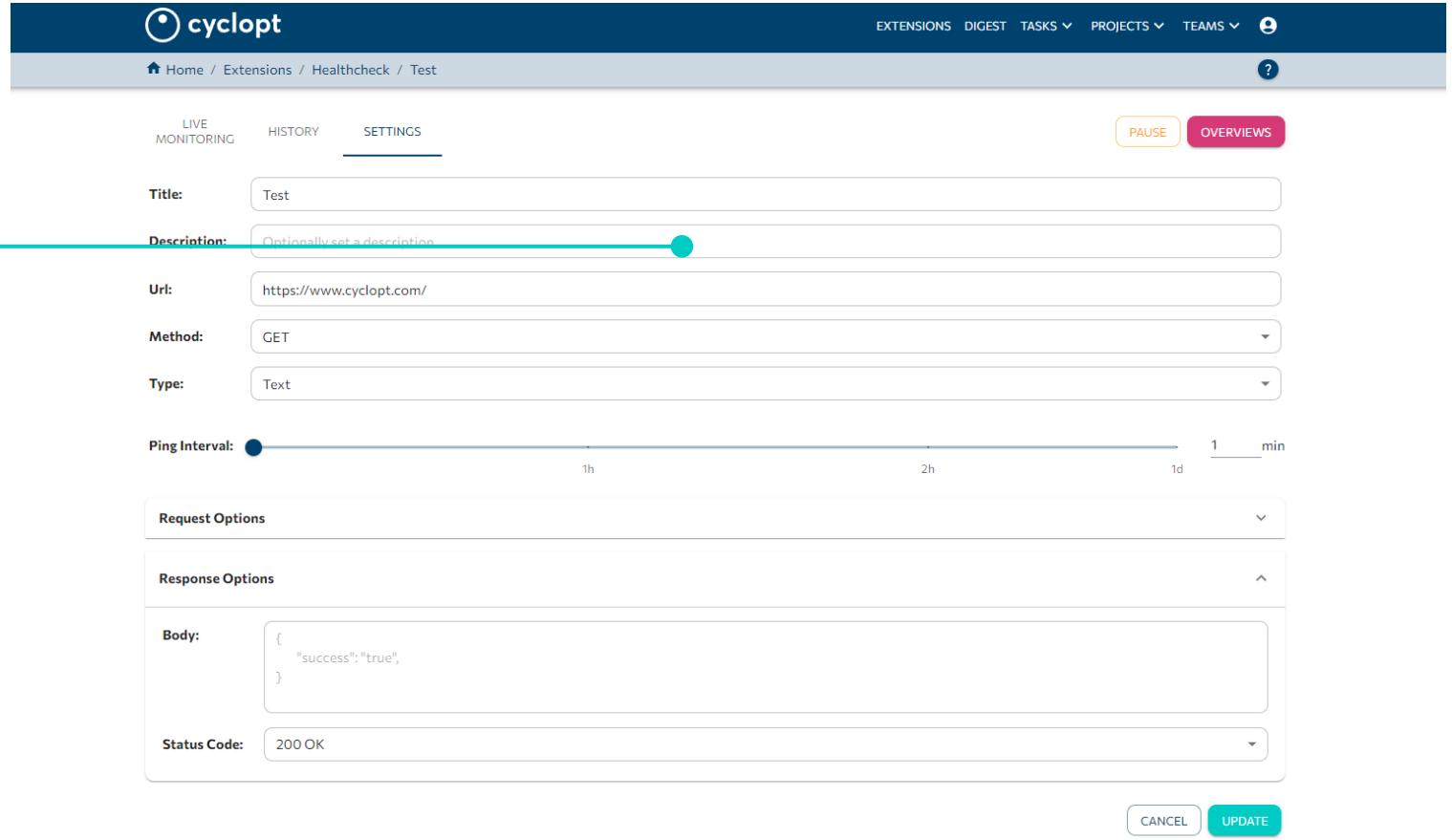
Edit configuration of API check



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