

Article

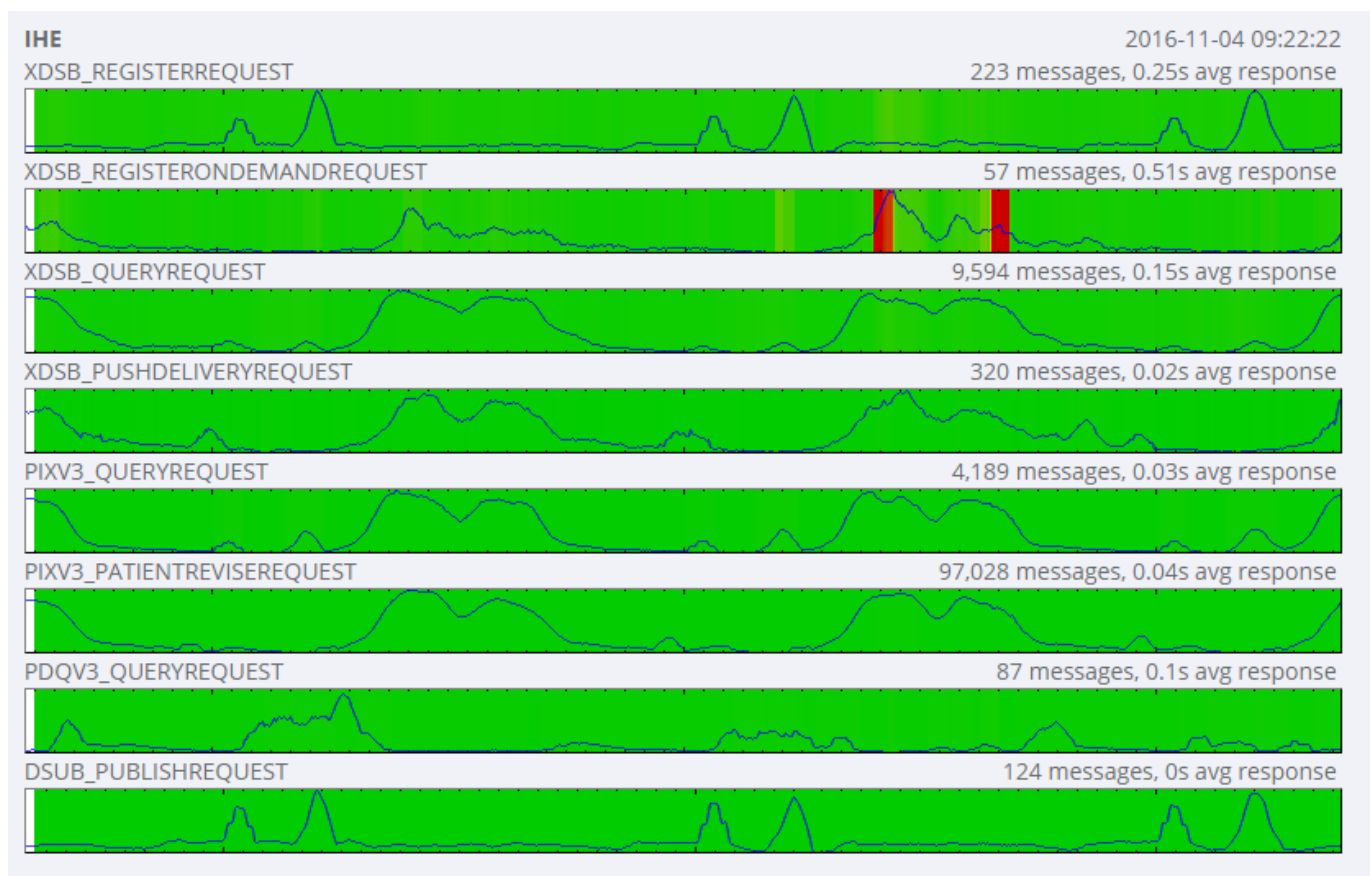
[Scott Beeson](#) · Nov 4, 2016 2m read

Sample of IHE Performance monitoring dashboard

I've asked a lot of questions leading up to this, so I wanted to share some of my progress.

The blue line represents the number of messages processed. The background color represents the average response time. You can see ticks for each hour (and bigger ticks for each day). Hovering over any point in the graph will show you the numbers for that period in time.

This is super useful for "at a glance" performance monitoring as well as establishing patterns in our utilization.



Here is the query used:

```
SELECT
    mh.name                                AS MessageType ,
    COUNT(mh.name)                        AS MessageCount ,
    CAST(AVG(ResponseTime) AS DECIMAL(5, 2)) AS AvgResponseTime
FROM
    (
        SELECT
            li.SessionId,
            li.Name,
            DATEDIFF(s, MIN(li.TimeCreated), MAX(lo.TimeCreated)) AS ResponseTime
        FROM
```

```
(
  SELECT
    SessionId,
    name,
    TimeCreated
  FROM
    ens.messageheader h1,
    HS_Message.XMLMessage m1
  WHERE
    h1.MessageBodyId = m1.ID
    AND h1.TimeCreated > DATEADD(hh, -1, GETUTCDATE())) li
JOIN
  (
    SELECT
      SessionId,
      TimeCreated
    FROM
      ens.messageheader h2,
      HS_Message.XMLMessage m2
    WHERE
      h2.MessageBodyId = m2.ID
      AND h2.TimeCreated > DATEADD(hh, -1, GETUTCDATE())) lo
ON
  li.SessionId = lo.SessionId
GROUP BY
  li.SessionId) mh
WHERE
  mh.name LIKE '%REQUEST'
GROUP BY
  mh.name
```

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Source URL: <https://community.intersystems.com/post/sample-ihe-performance-monitoring-dashboard>