Rapid Response xBlock

an Open edX replacement for “clickers”

Peter Pinch, MIT Open Learning
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Student response systems

aka “clickers”

Pros

- more response options than raising hands
- Students can’t see each other’s responses
- Instructor can adjust lecture in response to results
- Data collection to improve instruction & research

Clickers

Cons

- Difficult integration (at least with MIT legacy systems)
- Students bear the cost
- Vendors moving to subscription model prevents used clicker market

Rapid Response xBlock

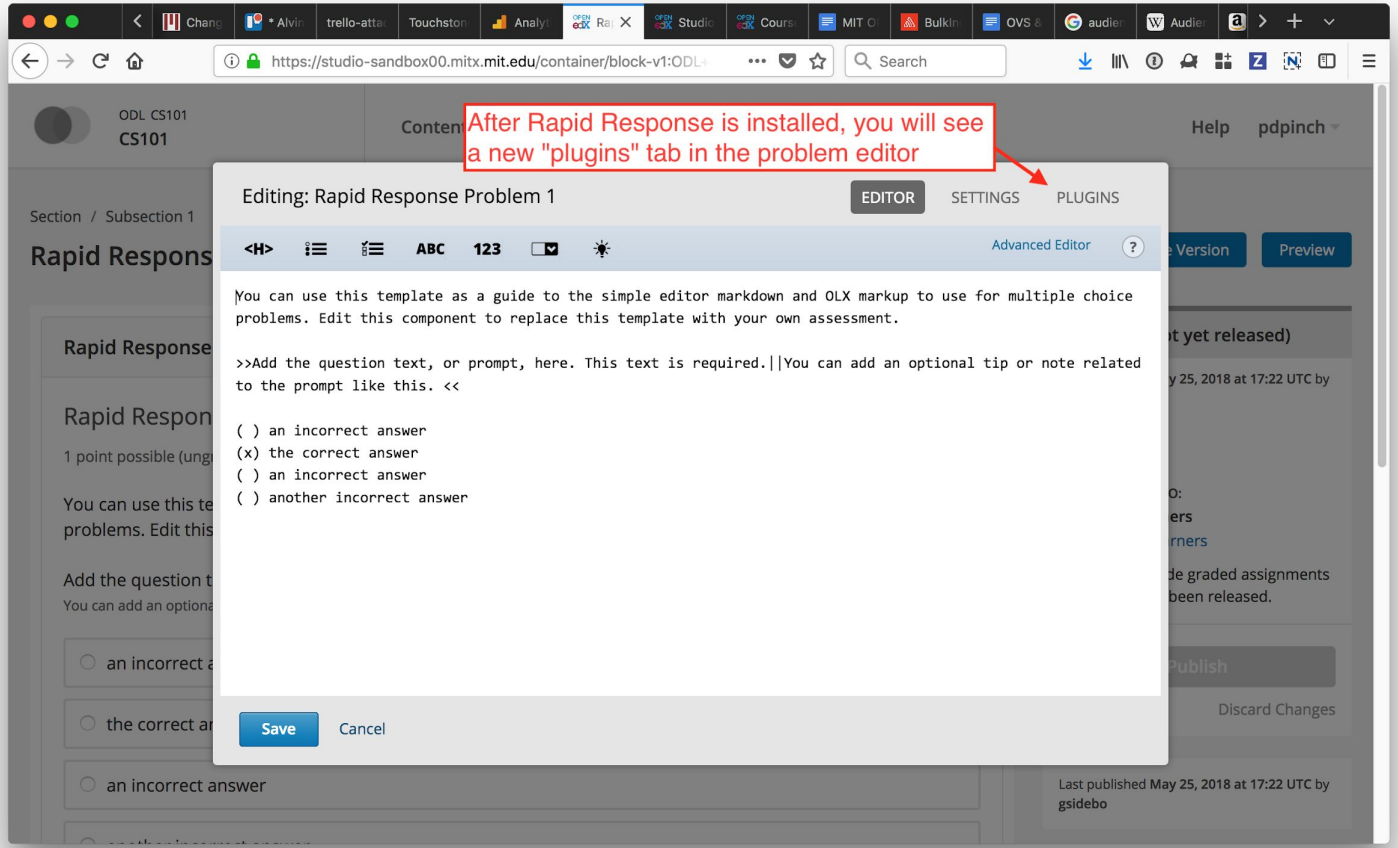
- First version developed by a physicist using LTI
- Used in intro Physics and Chemistry courses this year

- New version developed as an xBlock ***Aside***
- Same problem authoring, grading, event logging as xBlocks
  - Including OLX authoring, import and export
- Currently only works with multiple choice problems but easily extended

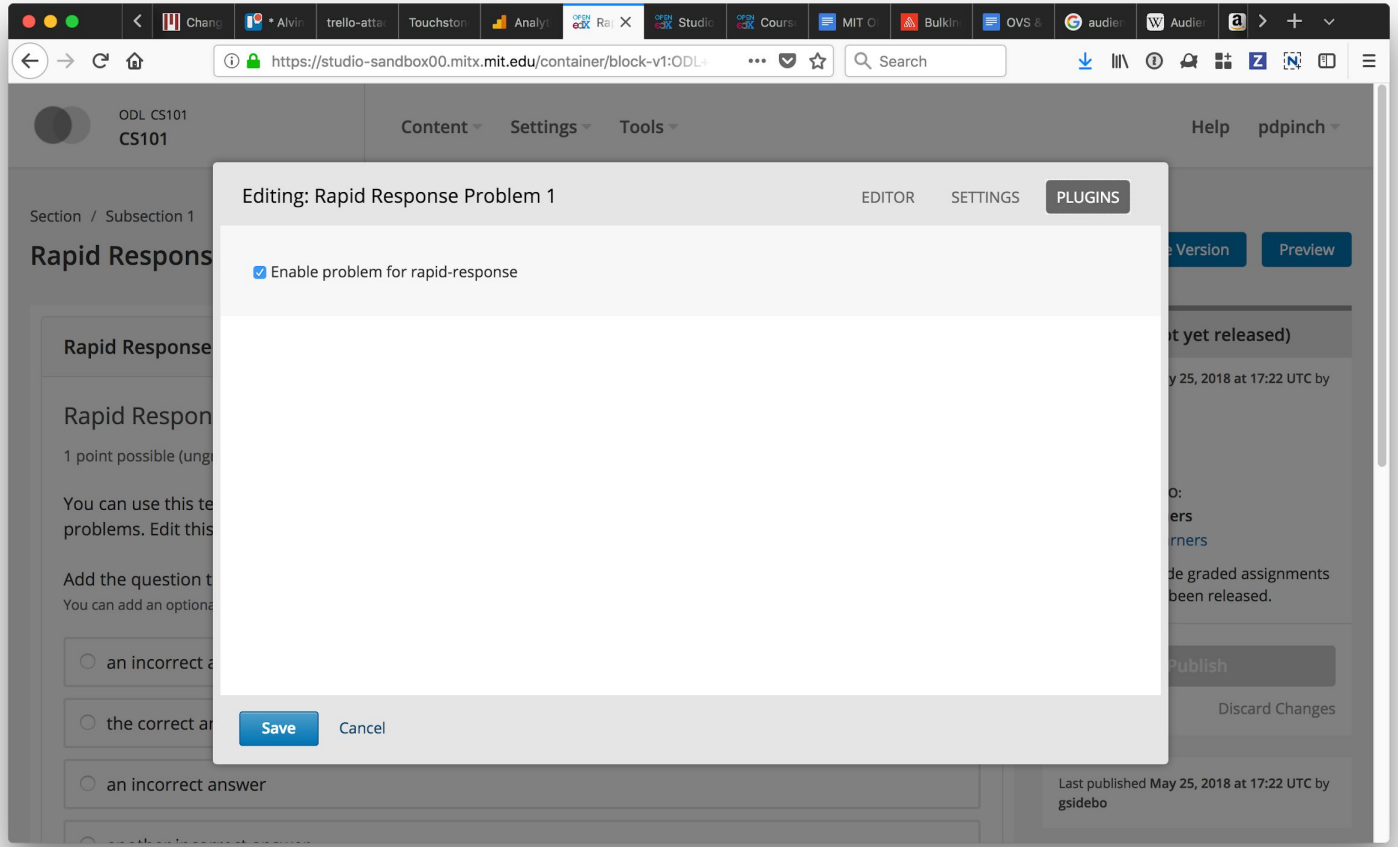
Demo: https://tinyurl.com/rr-xblock

username	email	password
a0	a0@example.com	a0password
a1	a1@example.com	a1password
a2	a2@example.com	a2password
a3	a3@example.com	a3password
a4	a4@example.com	a4password
a5	a5@example.com	a5password
a6	a6@example.com	a6password
a7	a7@example.com	a7password
a8	a8@example.com	a8password

In case the demo doesn't work

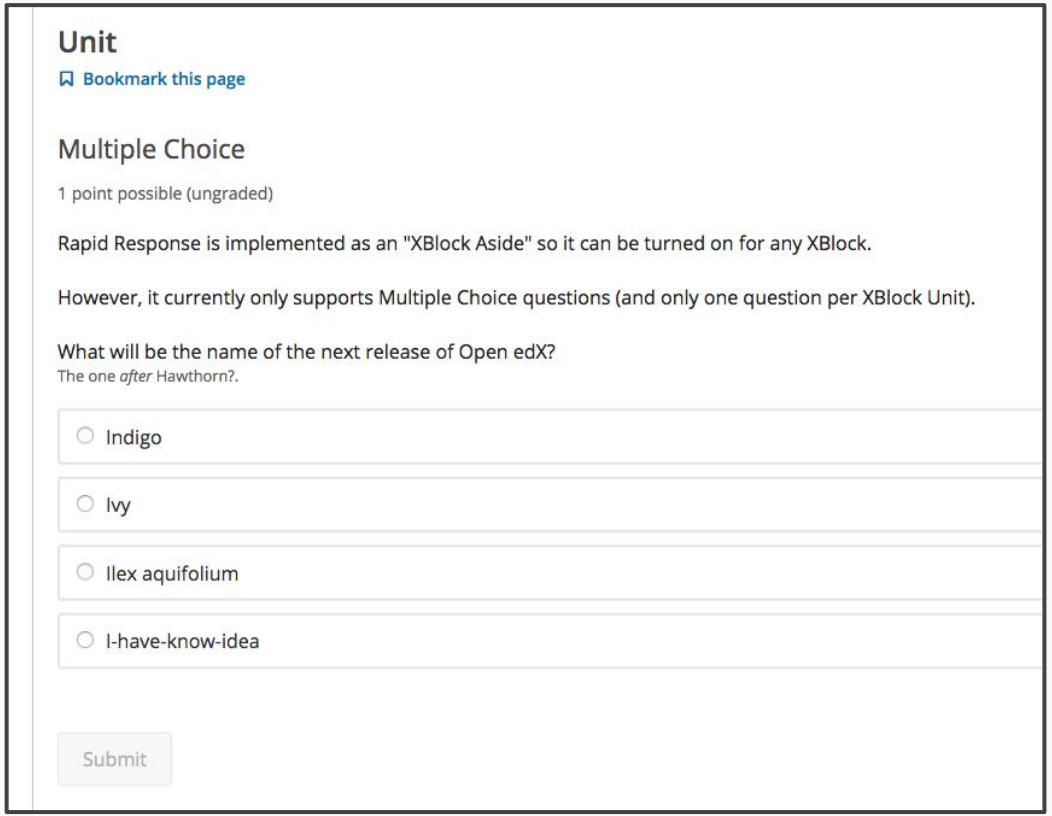


In case the demo doesn’t work

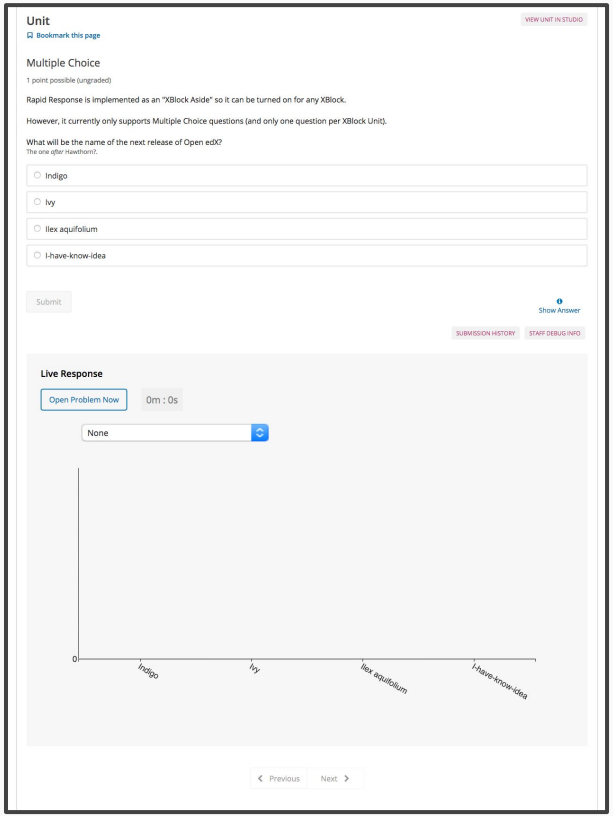


In case the demo doesn’t work

Learner view:

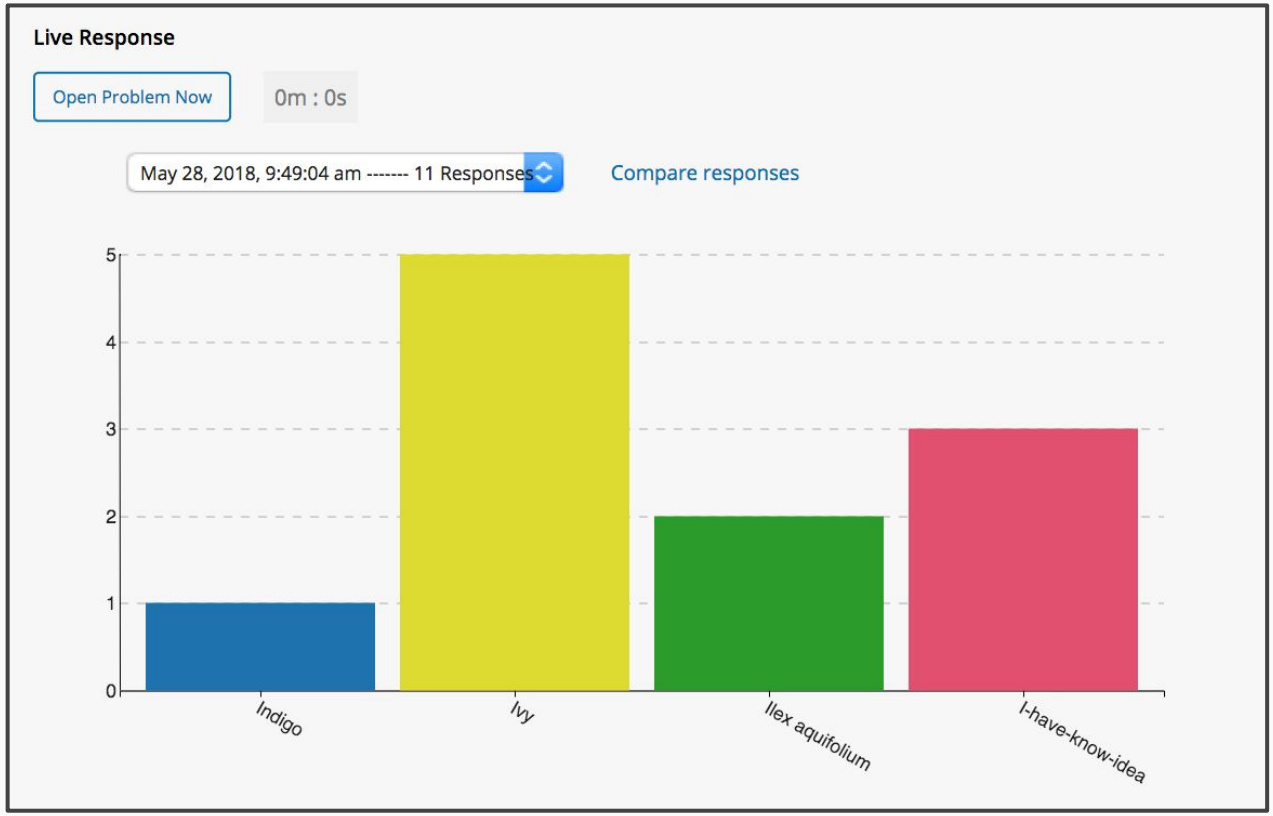


Instructor view:



In case the demo doesn’t work

Instructor graph view:



Rapid Response xBlock

Repo at https://github.com/mitodl/rapid-response-xblock/

Thank you:

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