

Formative vs Normative use cases



- Formative activity - Anonymous - No grades recorded
- Normative activity - grades are recorded

Both are possible using features of WeBWorK that have been around for at least 4 years. It is exciting to see newer, more effective and more elaborate “front ends” emerging which take advantage of WeBWorK’s (specifically PG’s) back end capability.

This talk will explain the simplest implementations of what is possible to make clear the range of “back end” features available.

```
<iframe width="800" height="600"
src="https://demo.webwork.rochester.edu/webwork2/html2xml?
  &answersSubmitted=0&
  &sourceFilePath=Library/FortLewis/Calc1/06-01-Antiderivatives-graphically/AF1/AF1.pg&
  &problemSeed=123567&
  &courseID=daemon_course&
  &userID=daemon&
  &course_password=daemon&
  &showSummary=1&
  &displayMode=MathJax&
  &problemIdentifierPrefix=102&
  &language=en&
  &outputformat=sticky">
</iframe>
```

- Information required:
 - path to problem (the same as in the homework set editor)
 - problemSeed
- Url is: <https://mySite/webwork2/html2xml?>
- The course can be any course (often daemon_course) on the site
- The user can be any user in the course with permission login_proctor