How to clean up Mathematica's ugly default output

Katharine Long, Texas Tech University

- ## By default, Mathematica's math output looks ugly

The default is called "standard form". It looks clunky.

In[●]:= `StandardForm[Integrate[x^2 Exp[-2 x] Cos[x], x] // Simplify]`

Out[●]//StandardForm=

$$\frac{1}{125} \, e^{-2x} \left(-2 \left(2 + 15\,x + 25\,x^2 \right) \mathrm{Cos}[x] + \left(22 + 40\,x + 25\,x^2 \right) \mathrm{Sin}[x] \right)$$

"Traditional form" looks much better. You can always set it by applying the TraditionalForm function, but it would be nice to have this done by default

In[●]:= `TraditionalForm[Integrate[x^2 Exp[-2 x] Cos[x], x] // Simplify]`

Out[●]//TraditionalForm=

$$\frac{1}{125} \, e^{-2x} \left(\left(25\,x^2 + 40\,x + 22 \right) \sin(x) - 2 \left(25\,x^2 + 15\,x + 2 \right) \cos(x) \right)$$

To make TraditionalForm the default for your output, follow the instructions here:
https://support.wolfram.com/34575?src=mathematica