

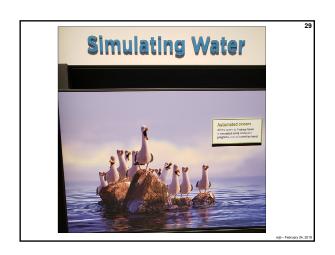




While animators focus on acting, simulation
programmers create motion that makes scenes feel
alive and believable. Some simulations—hair, fur, and
clothing—respond to the way a character moves. Other
simulations recreate natural phenomena, such as fire or
water. Programmers start with the underlying physics,
but they balance believability with the artistic needs
and the time it takes to run the simulation.

A frame from Brave before the
simulated elements were included.





Automated oceans

All the water in Finding Nemo
is simulated using computer
programs, not animated by hand.

