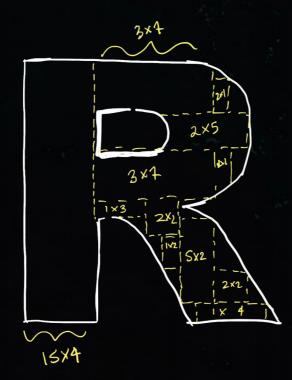
Ry Rstudio

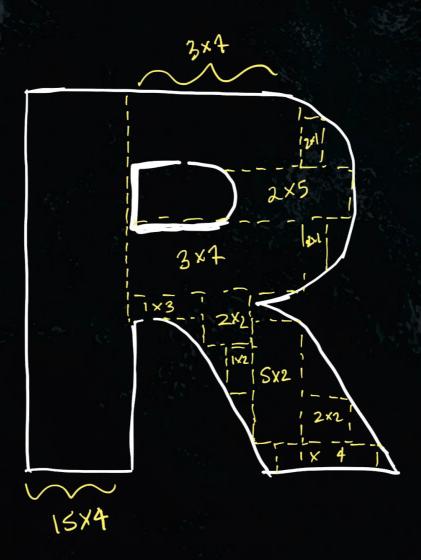
Pepi Amodeo Instituto Argentino de Oceanografía CONICET-UNS CCT Bahía Blanca







¿Qué es R?





¿Qué es R?

- Software Libre (GNU 1995)
- 1993 (University of Auckland, New Zealand)

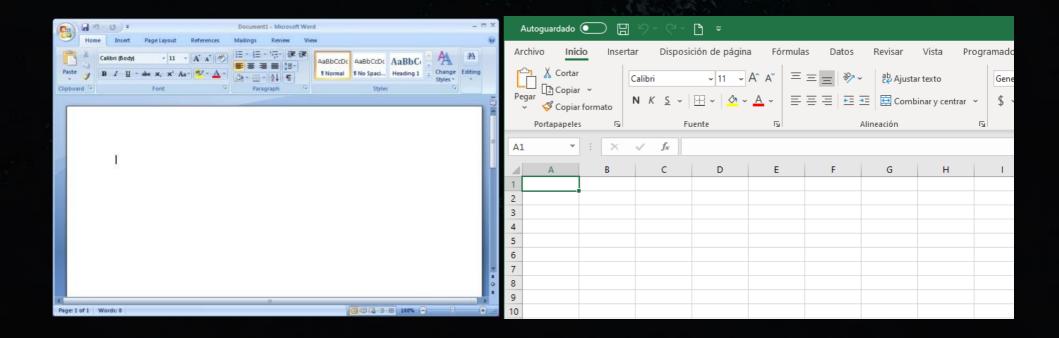




- R de Ross y Robert, pero también de Reproducibilidad
- Interfaz de código
- Lenguaje abstracto e interpretado

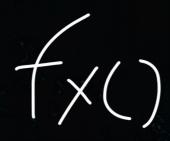


Wysiwyg



What You See is What You Get

Flujo de trabajo

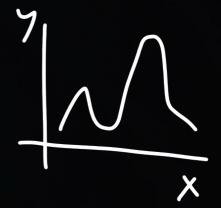




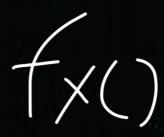


M	7	1/3	V Y	
:		-	-	
-	-	•	•	

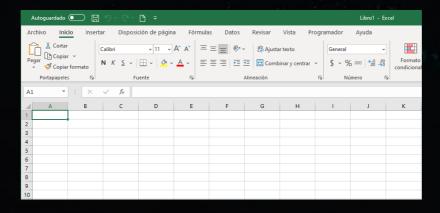




Flujo de trabajo en wysiwyg

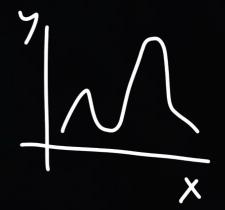






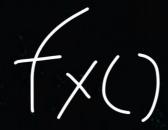
M	17	1 × 3	V Y	
:		-	-	
	-	•	•	



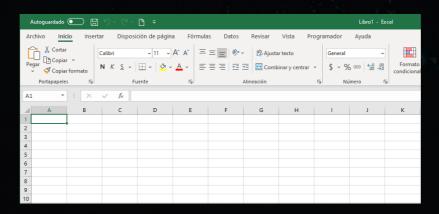


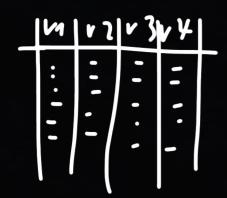
Flujo de trabajo en wysiwyg



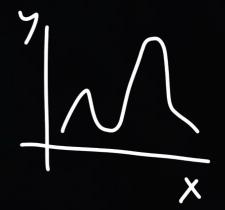




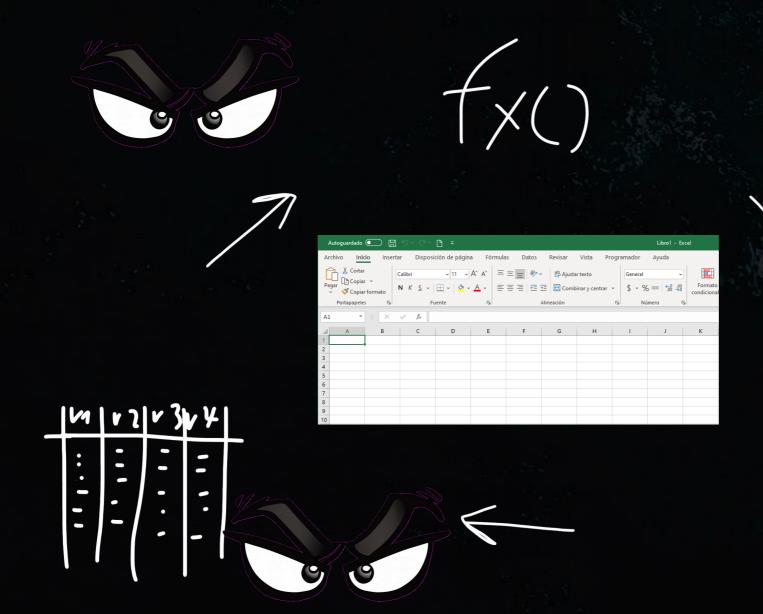






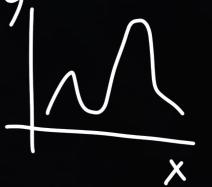


Flujo de trabajo en wysiwyg









datos_paper.xlsx

datos_analisis_paper1.xlsx

datos_analisis_paper_posta.xlsx

datos_analisis_revisado_posta1.xlsx

datos_analisis_recontrarevisado_posta_este_sí.xlsx

este_es_el_posta.xlsx

este_es_el_posta_revisado(1).xlsx

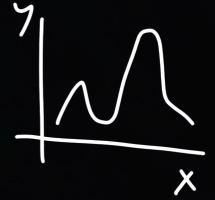
iNo seas tan wysiwyg!

Uso doméstico - Uso profesional



M	11	r 3	v ¥	
: -		-	111	
-	-	•	-	





Reproducibilidad en la Ciencia



Detrás de un botón...





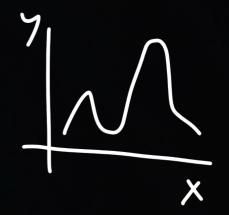
Flujo de trabajo





M	12	r 3	VY	
			111.	
-			-	





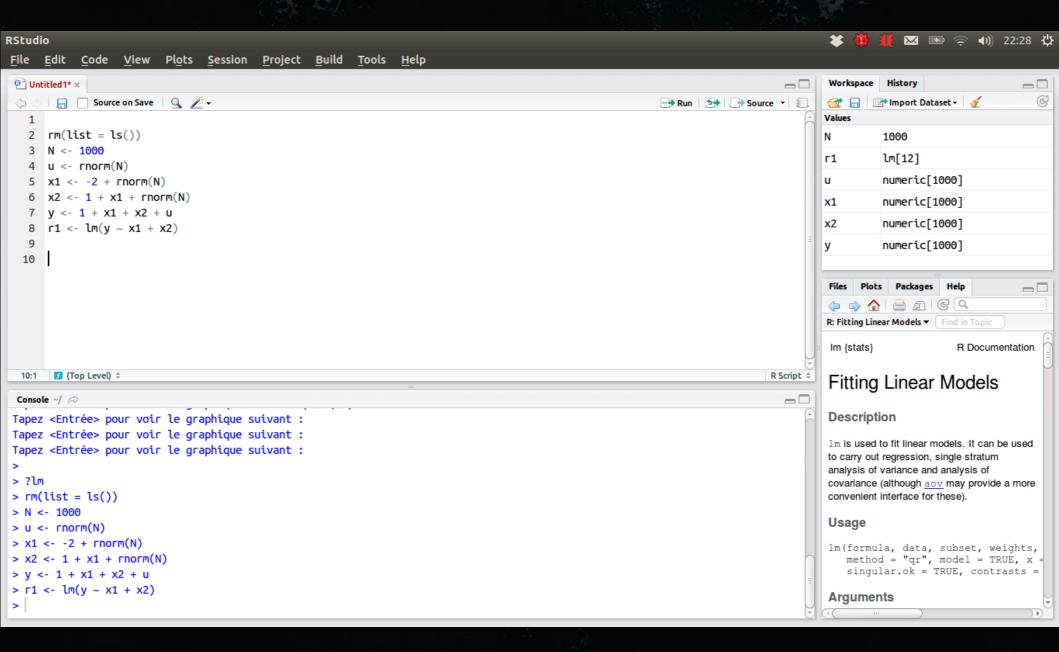
txt, csv, xlsx... geotiff...

csv, jpg, png, pdf, tiff

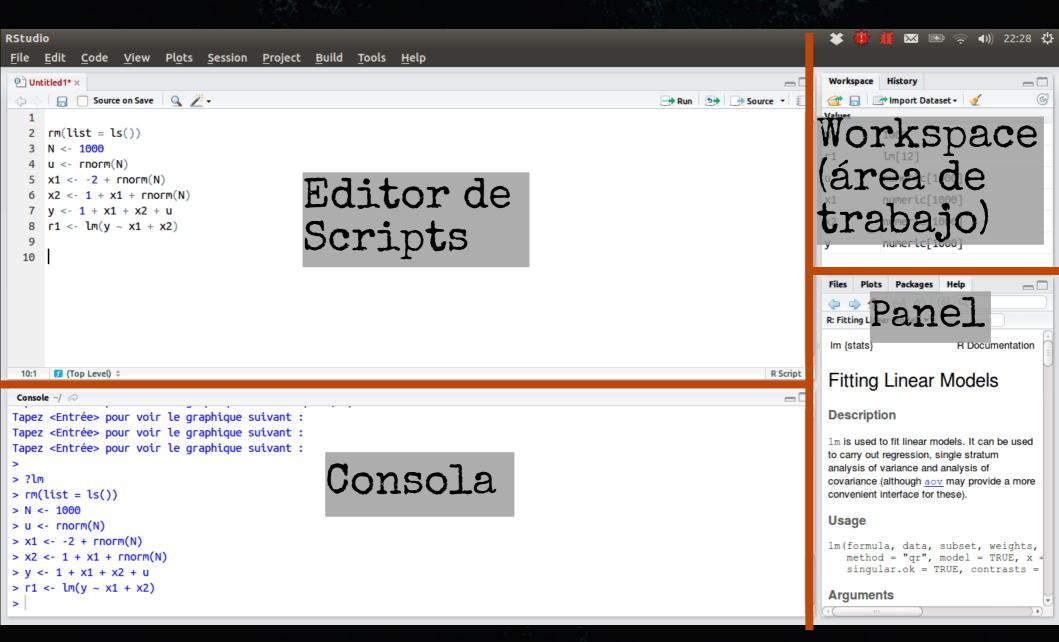


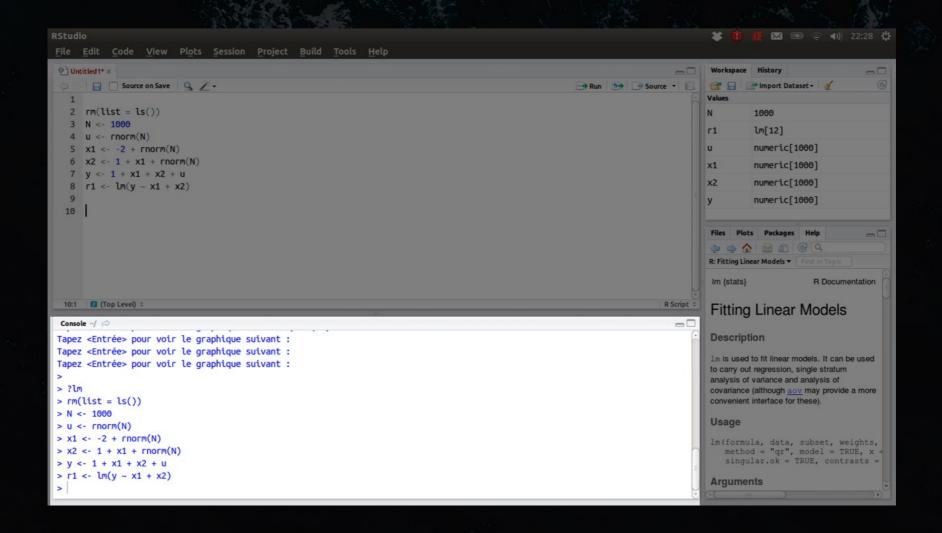
- Otro software que brinda una interfaz organizada y prestaciones
- Software libre (GNU, 2011)
- GUI / IDE

Interfaz



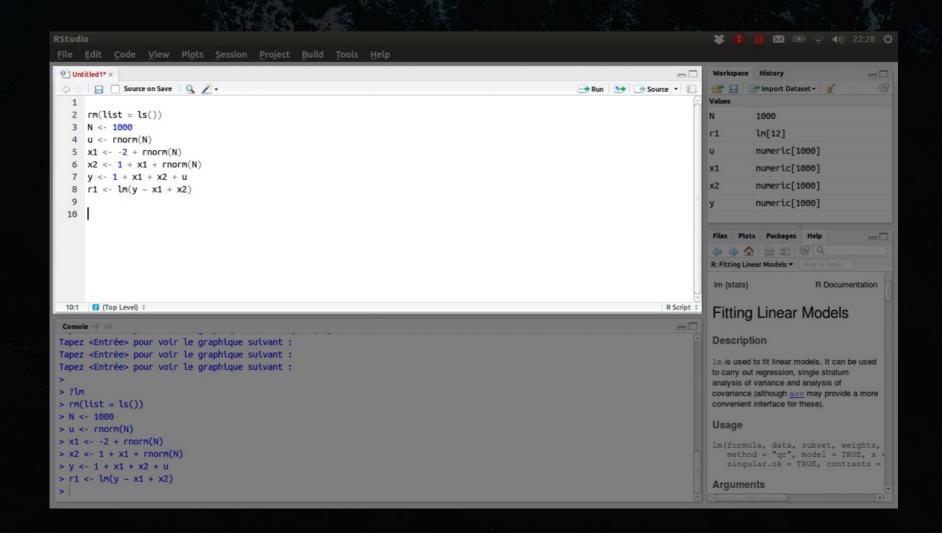
4 ventanas





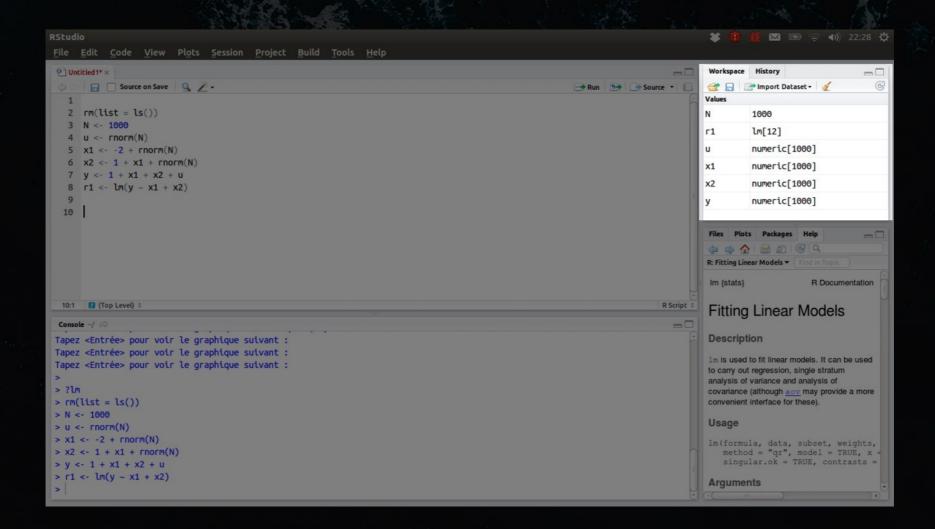
Consola

Ventanilla de atención del banco



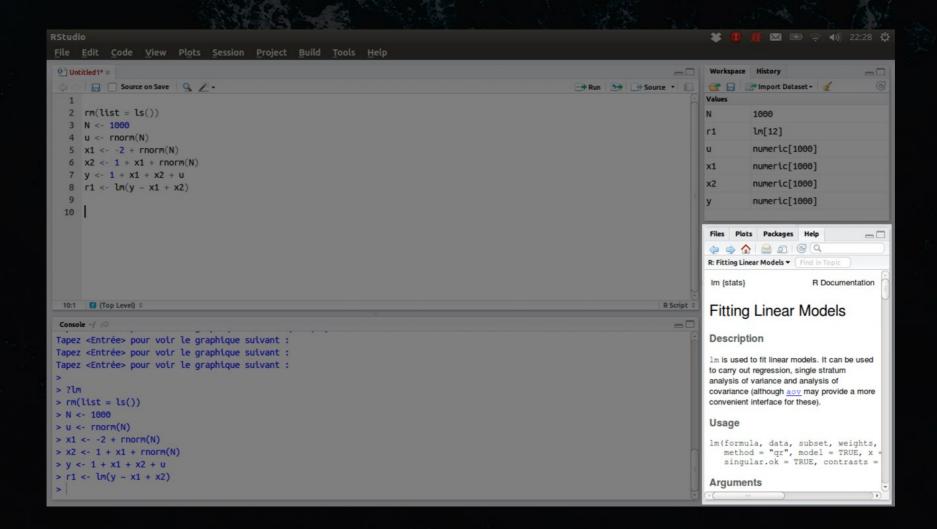
Editor de scripts

Documento de los procesos



Área de trabajo

La memoria de R mientras lo usamos



Panel

Multiples usos: archivos / paquetes / plots / ayuda

R es el motor, Rstudio la interfaz

