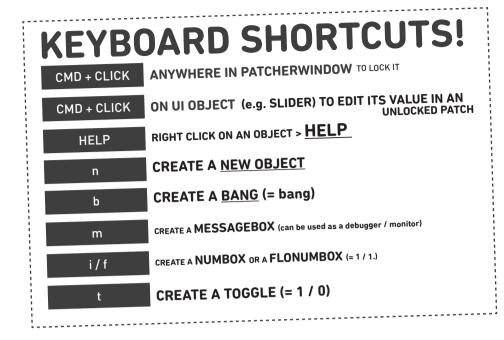
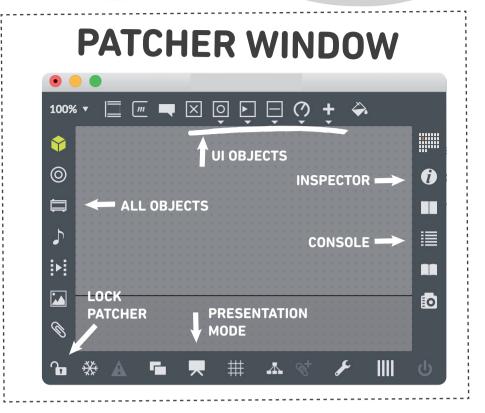
MAX CHEATSHEEET1





AN OBJECT'S ANATOMY



- · EVERY OBJECT HAS A PARTICULAR FUNCTION
- · EVERY OBJECT HAS **INLETS AND OUTLETS**
- · THE **LEFTMOST** INLET IS HOT IT TRIGGERS THE OBJECTS FUNCTION (AND THEREFORE OUTPUT)
- · ALL OTHER INLETS ARE COLD THEY'RE USED TO CHANGE ARGUMENT (THIS FUNCTION'S "SETTINGS")
- · AGUMENTS CAN BE SET WHEN CREATING THE OBJECT -> random 5

MESSAGE BOXES I

random 5 (BUT MIND: IT WON'T CHANGE IN THE OBJECT'S NAME!)



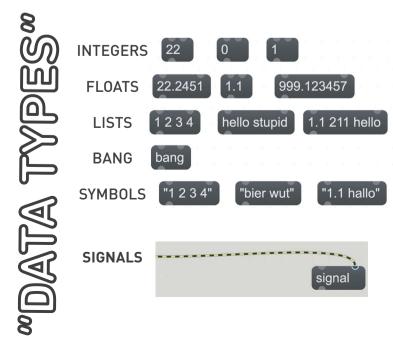
SET THE MESSAGE WITH NO OUTPUT (ALSO GOOD FOR MONITORING!)

- · A MESSAGE BOX IS AN OBJECT, TOO!
- · IT CAN BE USED TO:
 - > **DISPLAY THINGS** (= E.G. THE OUTPUT OF OTHER OBJECTS)
 - > SEND MESSAGES TO OTHER OBJECTS
 - > FORMAT STRINGS AND COMMANDS —
- · A MESSAGE BOX CAN CONTAIN ANY DATA TYPE!
- ARGUMENTS CAN BE REPLACED IN MESSAGES

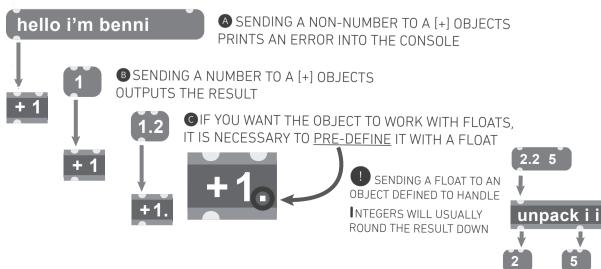
hello i'm benni

i'm benni

hello \$1 \$2



MOST OBJECT "EXPECT" CERTAIN DATA TYPES (AND REACT ACCORDINGLY)



MAX CHEATSHEEETO

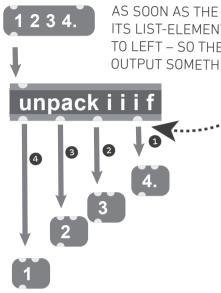
ORDER OF MESSAGES

THIS IS CRUCIAL!

BE AWARE, THAT MESSAGES ARE ALWAYS ORDERED:

RIGHT TO LEFT

TOP TO BOTTOM



AS SOON AS THE MESSAGE 1234. IS CLICKED / SENT TO THE [UNPACK] OBJECT, ITS LIST-ELEMENTS ARE EXPLODED / SEPERATED. THIS HAPPENS FROM RIGHT TO LEFT – SO THE RIGHT-MOST OUTLET OF [UNPACK] WILL BE THE FIRST TO

THIS IS IMPORANT TO KEEP IN MIND, BECAUSE THEREFORE THE RIGHT-MOST OUTPUT MAY BE THE FIRST TO TRIGGER A NEXT OPERATION:

1) LOOKING AT THIS EXAMPLE, WE HAVE CREATED THE [+] OBJECT WITH AN ARGUMENT OF 1 – IT WILL THEREFORE ADD "1" TO ITS (LEFT) INPUT

2) WE SEND A "4" INTO THE **HOT** (LEFT) INLET – TRIGGERING THIS CALCULATION (4 + 1)

3) AFTER WE'VE TRIGGERED THE CALCULATION (=5), WE OVERWRITE THE OBJECTS ARGUMENT (1) WITH THE MESSAGE "3" INTO THE **COLD** (RIGHT) INLET

WE DON'T HOW EVER RETRIGGER THE CALCULATION! OUR RESULT IS NOT 4+3!

delay

SUMMING IT UP:

CREATING AND SETTING UP OBJECTS

THE **NAME** WE GIVE OBJECTS DEFINES "WHAT THEY ARE"

THINK: DELAY PEDAL - WE HOOK IT UP TO DELAY A GUITAR SIGNAL

THE **ARGUMENTS** WE GIVE OBJECTS DEFINE "HOW THEY BEHAVE"

THINK: YOU SET THE DELAY TIME ON THE PEDAL BEFORE YOU PLAY

ARGUMENTS CAN USUALLYBE CHANGED **DYNAMICALLY**, ALTERING AN OBJECT'S BEHAVIOUR

THINK: MAYBE YOU WANT MORE DELAY LATER IN THE SONG

de

stop

delay 1000

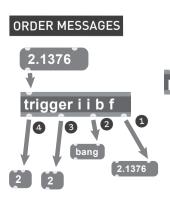
PARTICULAR MESSAGES ARE RESERVED AND MAY ACT AS "COMMANDS"

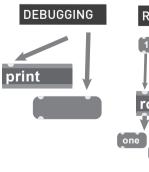
THINK: YOU WANT TO CLEAR THE FEEDBACK IMMEDIATELY WITHOUT CHANGING THE DELAY TIME OR THE PEDAL

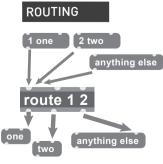
delay 1000

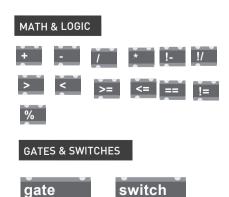












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