

DANIELE PROCIDA

THE NAÏVE PROGRAMMER

ALL ABOUT ME

DANIELE PROCIDA



[DIVIO.COM](https://divio.com)

CLOUD
DEPLOYMENT FOR
PYTHON/DJANGO

DIVIO

DJANGO PROJECT/SOFTWARE FOUNDATION

CORE TEAM/
VICE-PRESIDENT

django

PYTHON IN AFRICA

PYCON NAMIBIA	SINCE 2015
PYCON ZIMBABWE	SINCE 2016
PYCON NIGERIA	SINCE 2017
PYCON GHANA	AUGUST 2018
PYCON AFRICA	SOON



PYCON UK 2018

CARDIFF CITY HALL
15TH TO 19TH SEPTEMBER

PYCONUK.ORG



TALK TO ME

daniele.procida@divio.com

EvilDMP (IRC/GITHUB/TWITTER/ETC)

DANIELE PROCIDA

THE NAÏVE PROGRAMMER

MEET THE NAÏVE PROGRAMMER

THE NAÏVE PROGRAMMER IS
EVERYWHERE

KEEP IN MIND THAT I'M
SELF-TAUGHT, SO MY CODE
MAY BE A LITTLE MESSY.



PROGRAMMING IS A CRAFT

EVERYONE WOULD LIKE TO BE
BETTER AT THEIR CRAFT

AESTHETIC ARTS

MEASURED AGAINST
HUMAN JUDGEMENT



PRACTICAL ARTS

MEASURED AGAINST
THE WORLD



REPEATABLE ARTS

RELIABLY EXECUTE
THE SAME THING
MULTIPLE TIMES

APPROACH

FLAPS/.....GREEN LIGHT/DETENT
ADF/VOR SWITCHES.....SET
RADIO ALTMDA/DH SET
NACELLE ANTI-ICESET
FUEL SYS.....MAIN BOOST ON/HEAT OFF
NO SMOKEON

BEFORE LANDING

LANDING GEARDOWN-GREEN LIGHT
AUTO BRAKESET/LT OUT
SPEED BRAKEARM

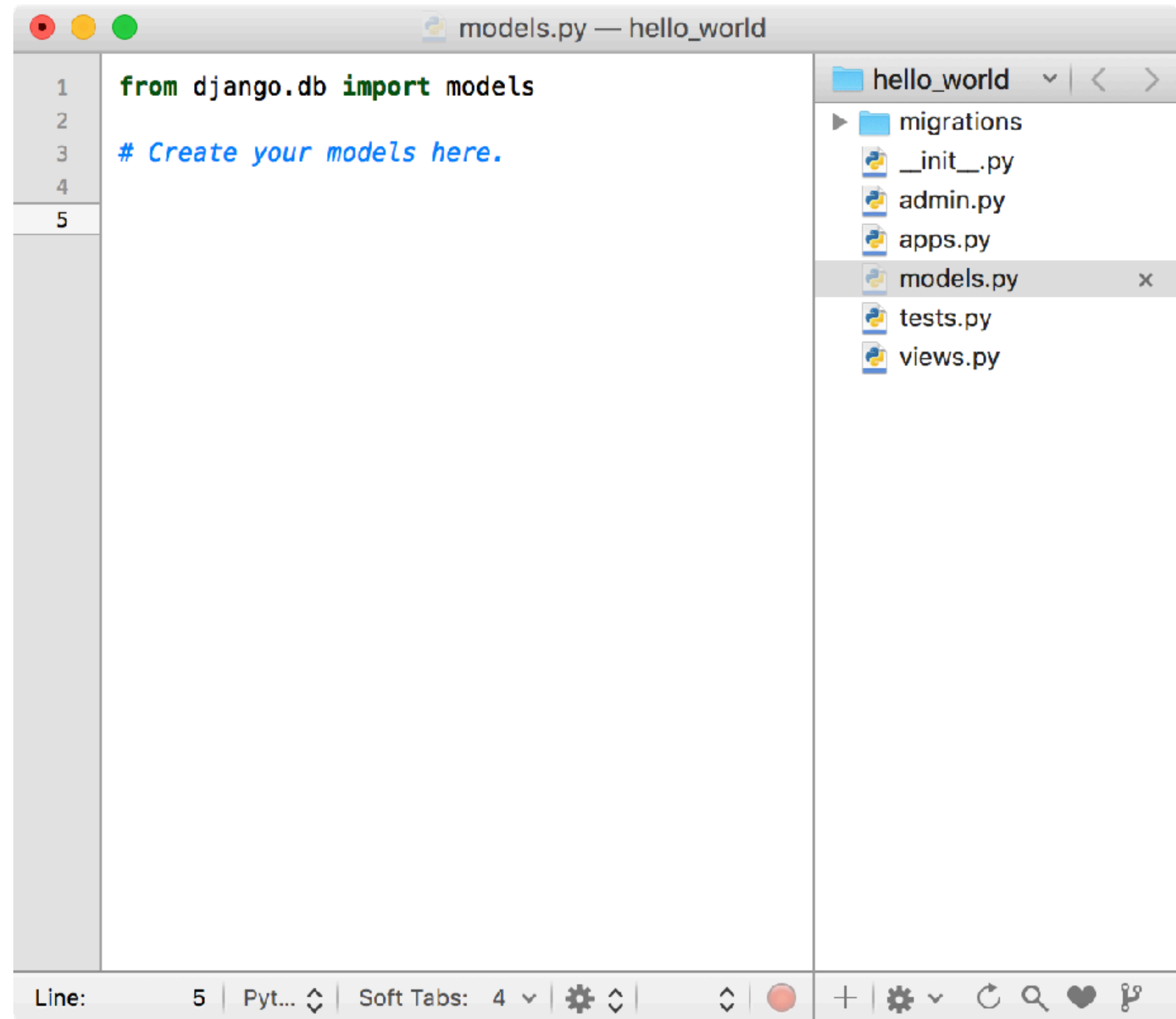
FLAPSSET
FLAG SCAN OM-500'CALL OUT

AFTER LANDING

BODY GEAR STEERINGARMED
SPEED BRAKEDOWN/DETENT
FLAPSUP/LTS OUT
LDG LTS & STROBE LIGHTSSET
IGNITIONOFF
RADAR & TRANSPONDEROFF
STABILIZER TRIM5 SET
BRAKE TEMP & HYDRAULICSCKD
ANTI-SKID GROUND MODETEST
UPPER DECK & CARGO HEATOFF
FIRE WARNINGTEST
APUSTART

CREATIVE ARTS

NEW EACH TIME



The image shows a code editor window titled "models.py — hello_world". The editor displays the following code:

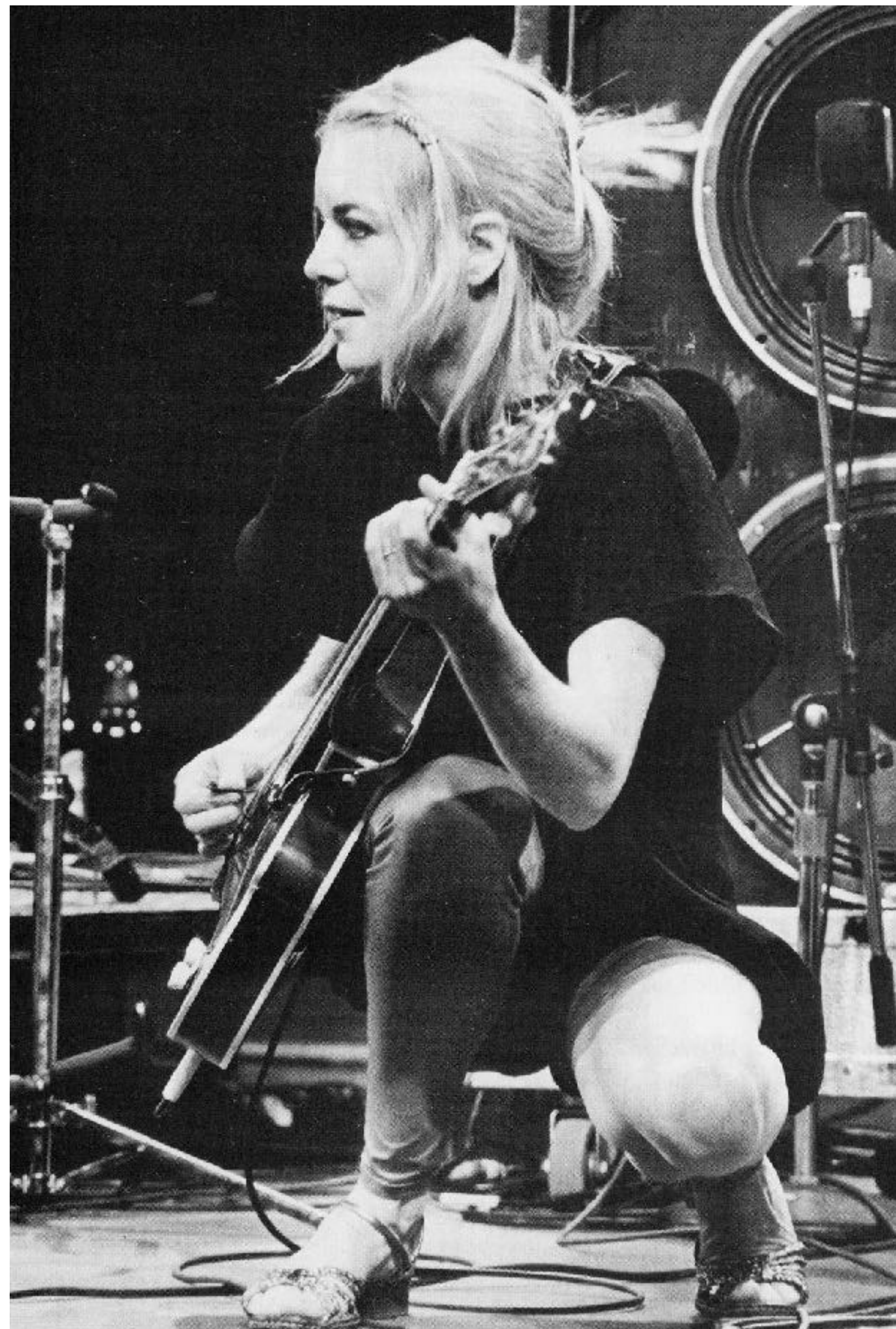
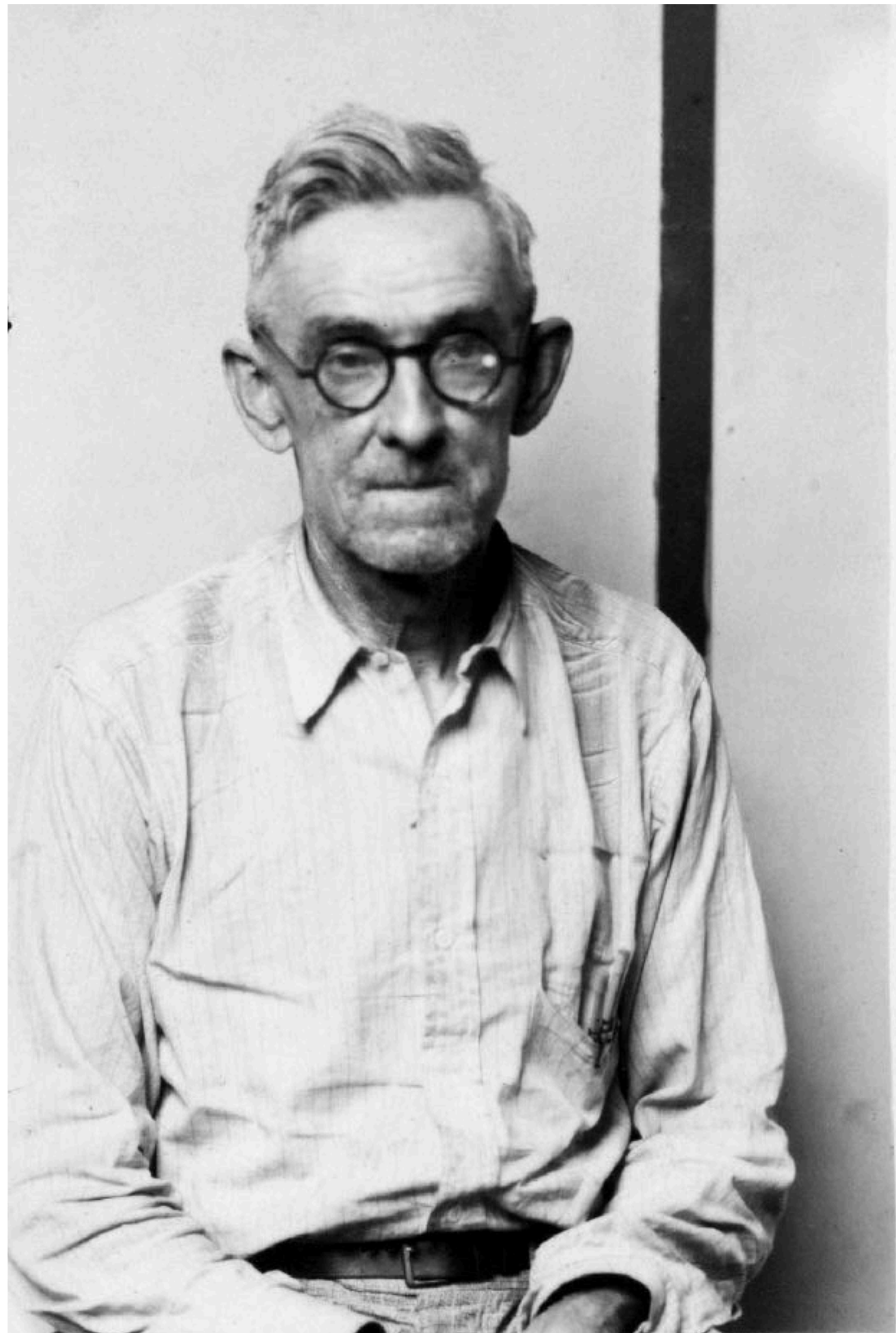
```
1 from django.db import models
2
3 # Create your models here.
4
5
```

The right sidebar shows a file explorer for the "hello_world" directory, containing the following files:

- migrations
- __init__.py
- admin.py
- apps.py
- models.py (selected)
- tests.py
- views.py

The status bar at the bottom indicates "Line: 5", "Pyt...", "Soft Tabs: 4", and various editor settings icons.

PROGRAMMING IS A CREATIVE
CRAFT



Worse



Better

TECHNIQUE CREATIVITY JUDGEMENT SOPHISTICATION

TECHNIQUE CREATIVITY JUDGEMENT SOPHISTICATION

INEPT

DULL

UNCRITICAL

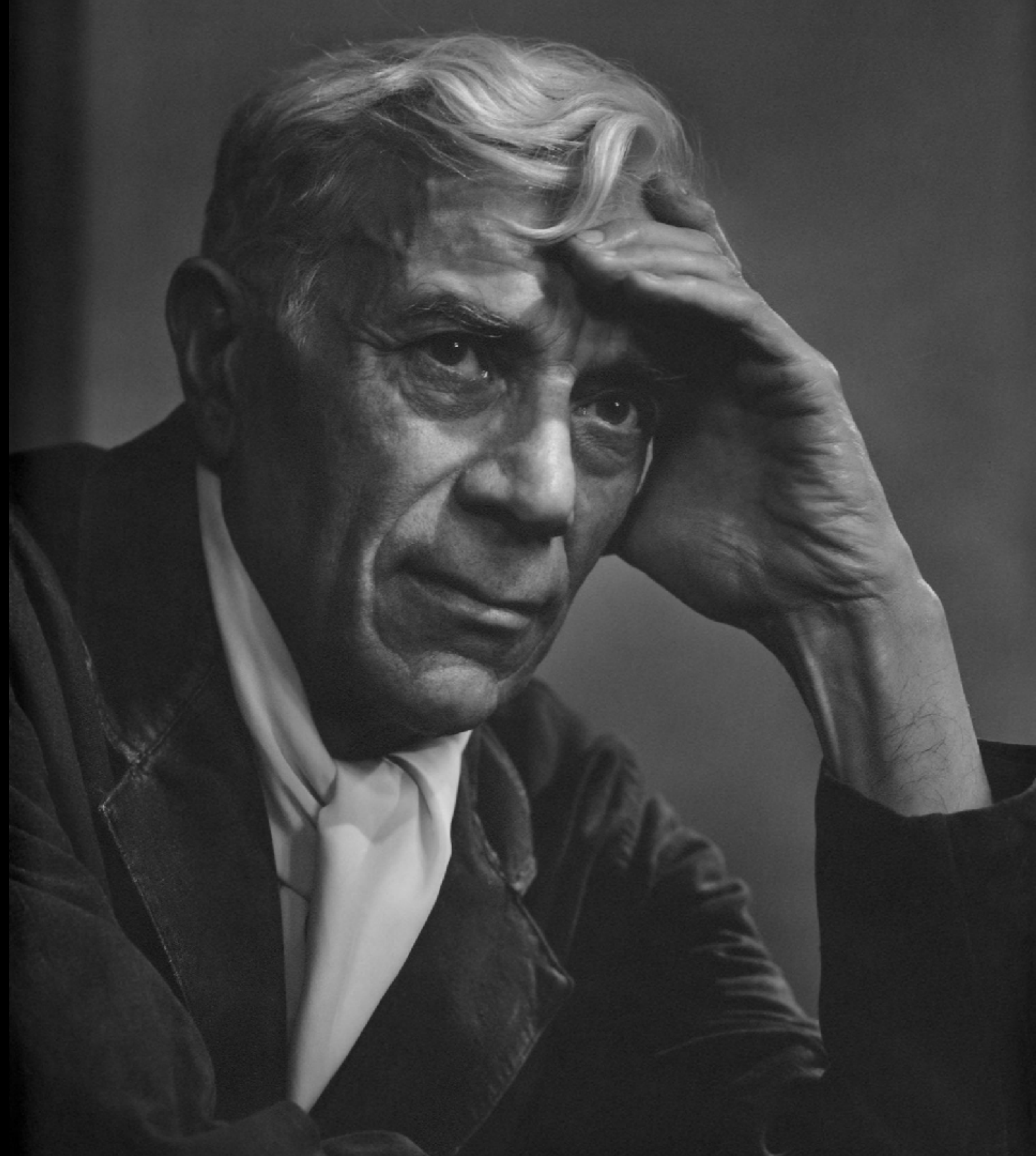
NAÏVE

SOPHISTICATED MEANS
EDUCATION

THE SOPHISTICATED ARTIST

GEORGES BRAQUE

1882-1963









NAL

LENDI 20 JANVIER 1934 - N° 1719

ABONNEMENTS	12 AN	100 FR.
6 ANS	55 FR.	
3 ANS	30 FR.	
1 AN	15 FR.	
UN AN	15 FR.	
UN AN	15 FR.	
UN AN	15 FR.	
UN AN	15 FR.	

REDACTION: 10, rue de Valenciennes, PARIS (10^e)

STATUE
poléon
destination

La mystérieuse randonnée
du Landanlet 5100-G

M. ALBERT SARRAUT
à Marseille

est partie protestant
se à Afouca

On a arrêté hier le complice de Fan

Un entretien avec le gouverneur
général de l'Indochine



THE SOPHISTICATED
PROGRAMMER

THE NAÏVE ARTIST

HENRI ROUSSEAU

1844-1910







Henri Rousseau
1908



Henri Rousseau

KEEP IN MIND THAT I'M SELF-TAUGHT, SO MY CODE MAY BE A LITTLE MESSY.

LEMME SEE- I'M SURE IT'S FINE.



...WOW.

THIS IS LIKE BEING IN A HOUSE BUILT BY A CHILD USING NOTHING BUT A HATCHET AND A PICTURE OF A HOUSE.



IT'S LIKE A SALAD RECIPE WRITTEN BY A CORPORATE LAWYER USING A PHONE AUTOCORRECT THAT ONLY KNEW EXCEL FORMULAS.



IT'S LIKE SOMEONE TOOK A TRANSCRIPT OF A COUPLE ARGUING AT IKEA AND MADE RANDOM EDITS UNTIL IT COMPILED WITHOUT ERRORS.

OKAY, I'LL READ A STYLE GUIDE.









Henri Rousseau

...WOW.
|
THIS IS LIKE BEING IN
A HOUSE BUILT BY A
CHILD USING NOTHING
BUT A HATCHET AND A
PICTURE OF A HOUSE.



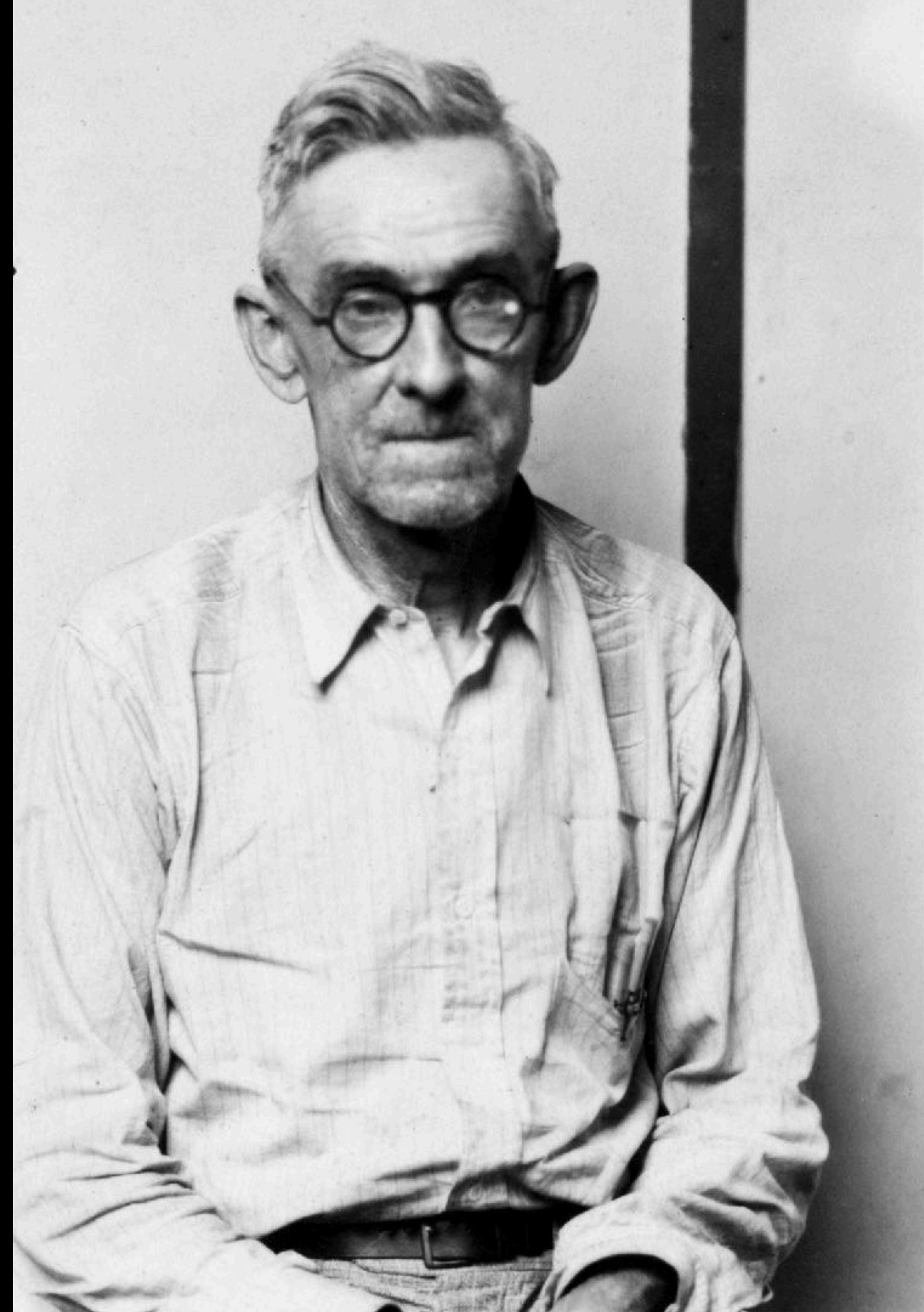
IT'S LIKE SOMEONE TOOK A
TRANSCRIPT OF A COUPLE
ARGUING AT IKEA AND MADE
RANDOM EDITS UNTIL IT
COMPILED WITHOUT ERRORS.

OKAY, I'LL READ
A STYLE GUIDE.



MIKE DISFARMER

1884-1959











NOT EVERY PROGRAMMER IS A
SOFTWARE PROFESSIONAL

SOFTWARE DEVELOPMENT IS A
PROFESSION

NOT EVERY PROGRAMMER IS A
SOFTWARE PROFESSIONAL

...WOW.

THIS IS LIKE BEING IN
A HOUSE BUILT BY A
CHILD USING NOTHING
BUT A HATCHET AND A
PICTURE OF A HOUSE.



“Code without tests is broken by design.”

JACOB KAPLAN-MOSS

PYCON NAMIBIA 2018

DJANGO GIRLS



PROGRAMMING IS A MEANS TO
AN END

TINA WEYMOUTH

1950-





TALKING HEADS: 77



TALKING HEADS
FEAR OF MUSIC



TALKING HEADS



REMAIN IN LIGHT



TA LKI N GHE ADS



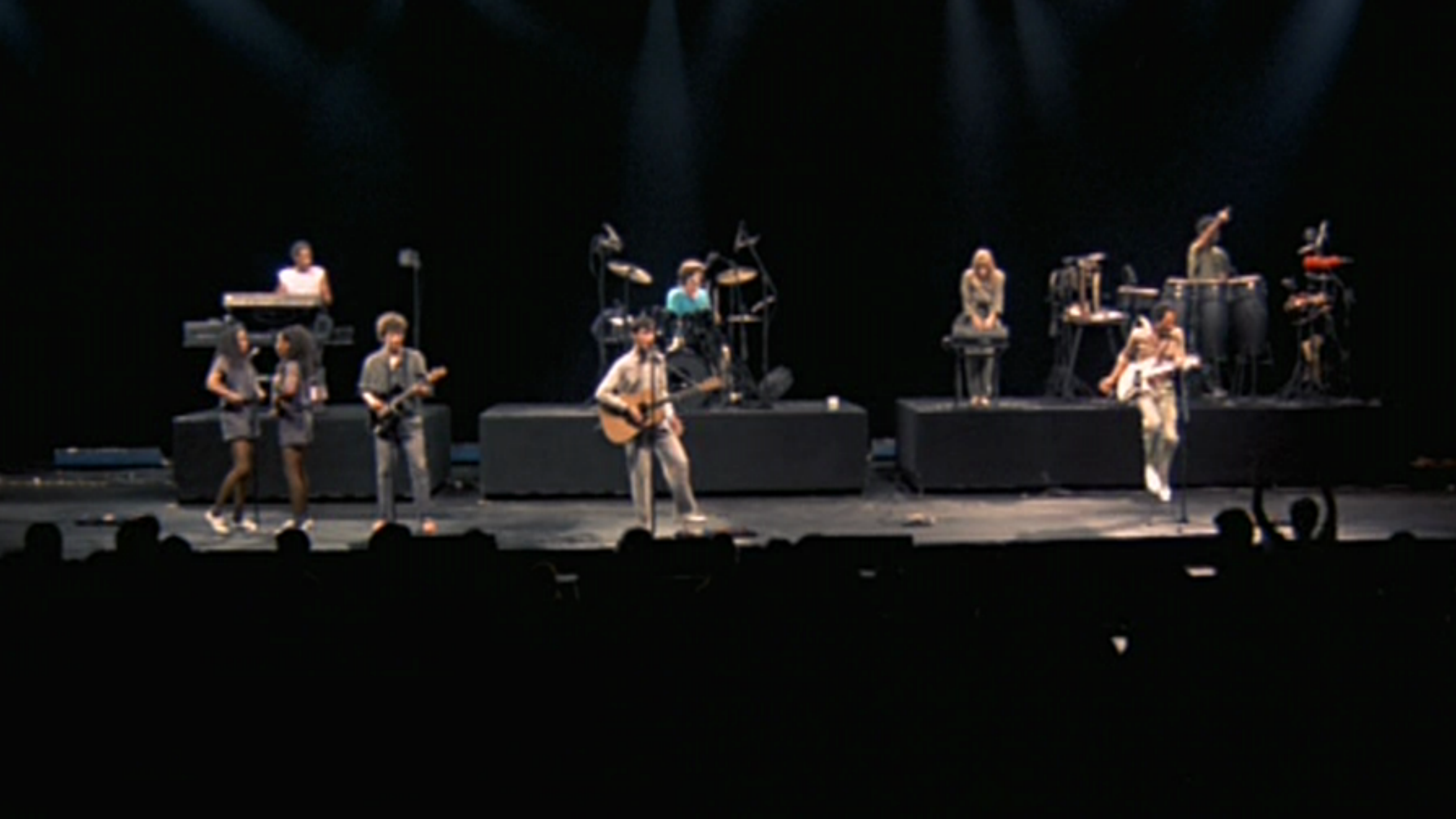
SP EAK IN GI N
TO NGU ES





STOP
MAKING
SENSE

A FILM BY JONATHAN DEMME AND TALKING HEADS



ATTENTION TO PRACTICE



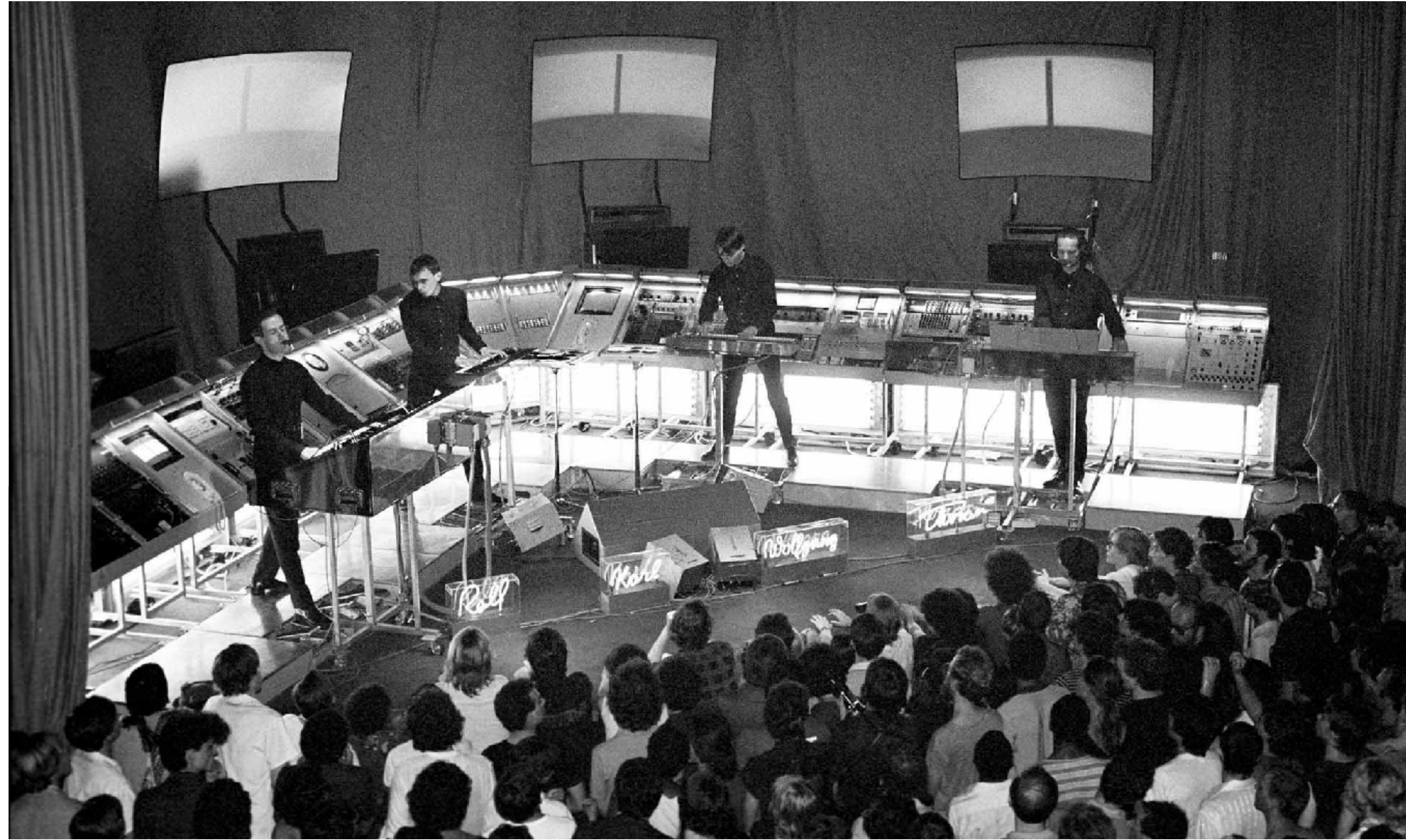
Frank Chimero

@frank_chimero

Kraftwerk invented:

- electronic music
- standing desks
- scrum meetings

9:08 am - 17 May 2018



PETER SCHMIDT AND BRIAN ENO

OBLIQUE STRATEGIES



OUT OF THE NAÏVE COMES
FORTH THE NEW

"THIS MUST BE THE PLACE"

"THIS MUST BE THE PLACE
(NAÏVE MELODY)"

BEING NAÏVE IS NOT A THING
TO BE PROUD OF

TECHNIQUE CREATIVITY JUDGEMENT SOPHISTICATION

Would you rather be a naïve programmer with a vision, or a sophisticated programmer without?

KEEP IN MIND THAT I'M
SELF-TAUGHT, SO MY CODE
MAY BE A LITTLE MESSY.

LEMME SEE-
I'M SURE
IT'S FINE.



...WOW.

THIS IS LIKE BEING IN
A HOUSE BUILT BY A
CHILD USING NOTHING
BUT A HATCHET AND A
PICTURE OF A HOUSE.



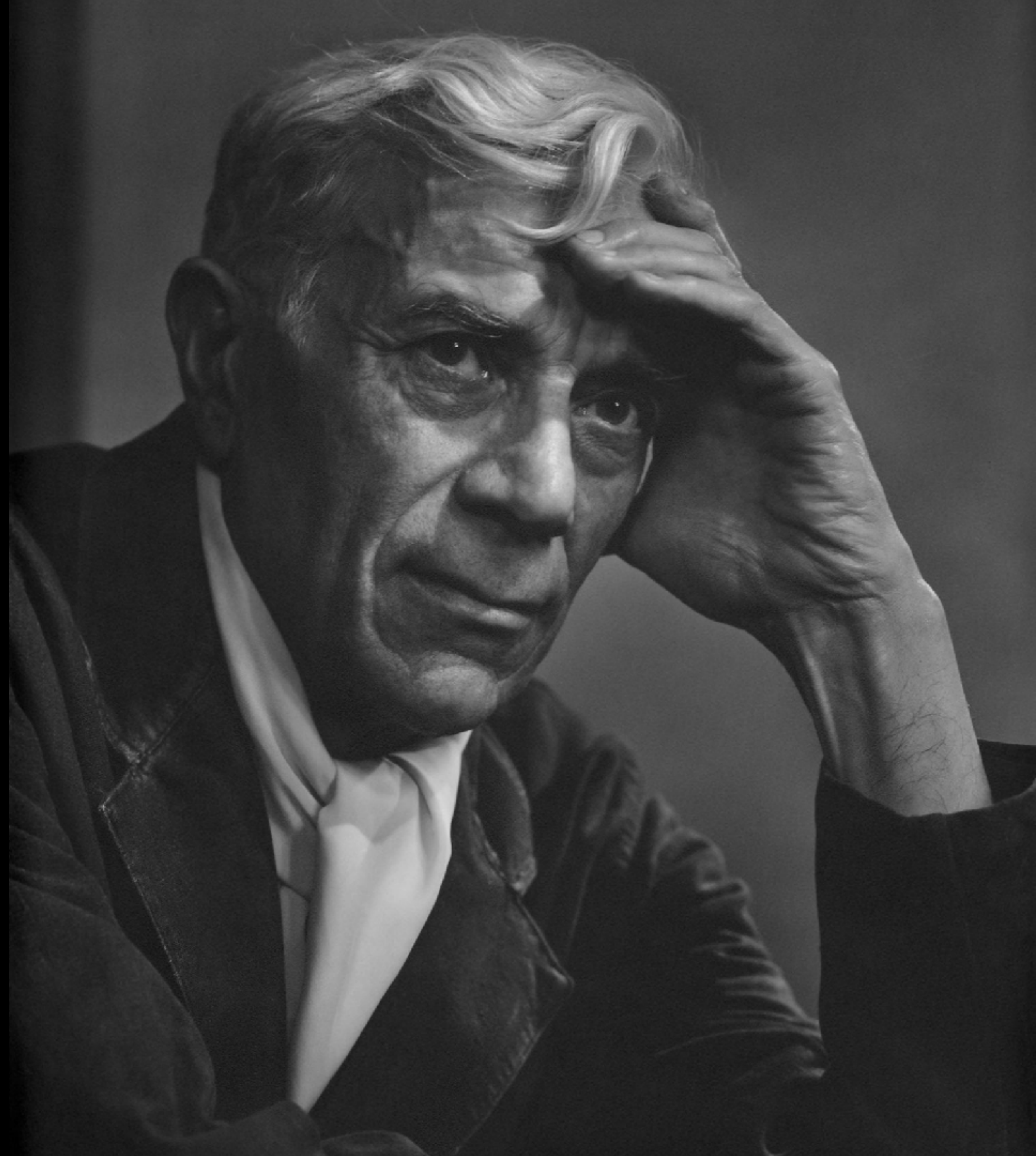
IT WORKED.

HOW TO BE SOPHISTICATED
(OR NOT)

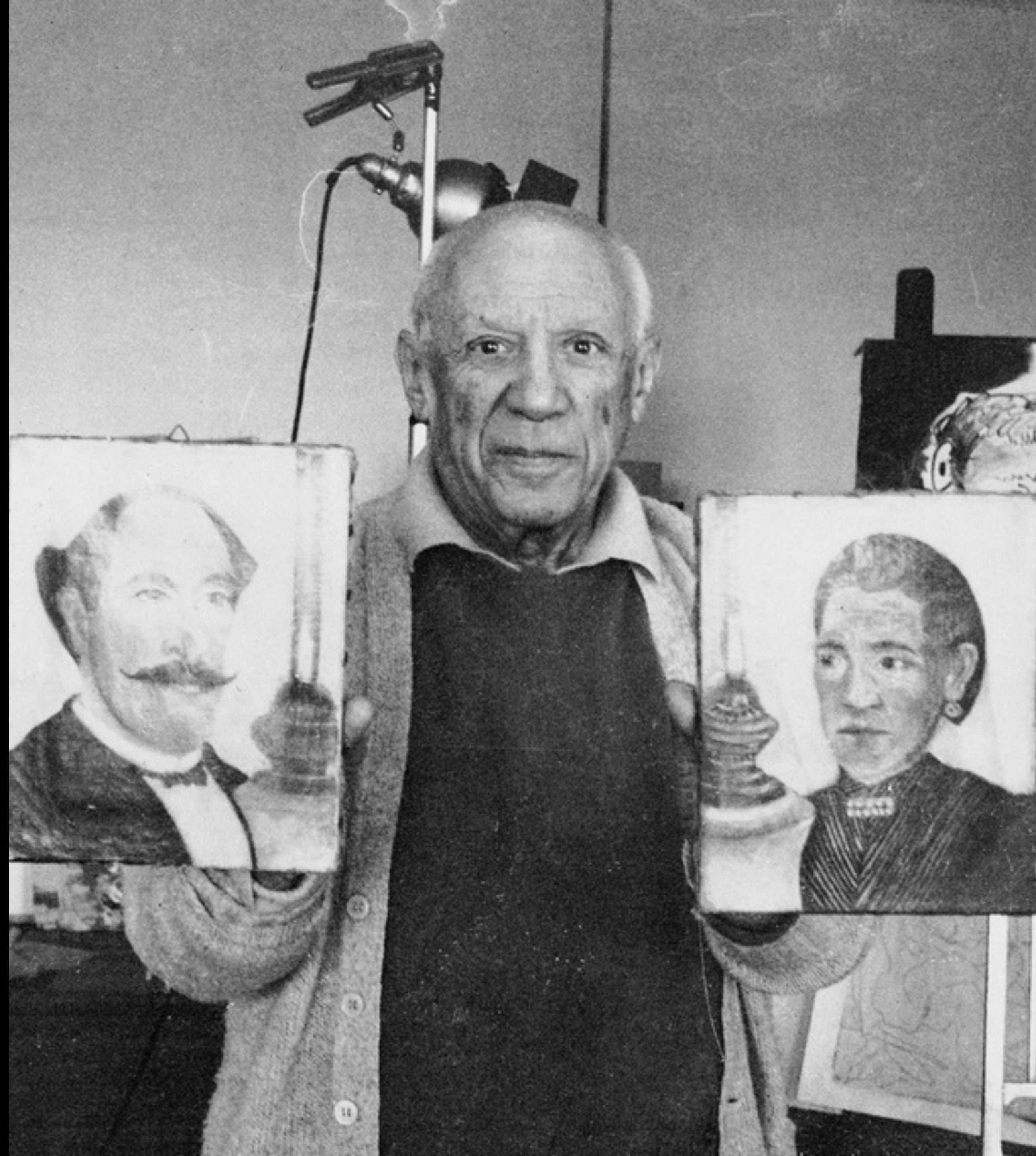
THE DISMISSIVE SOPHISTICATE



GEORGES BRAQUE



PABLO PICASSO



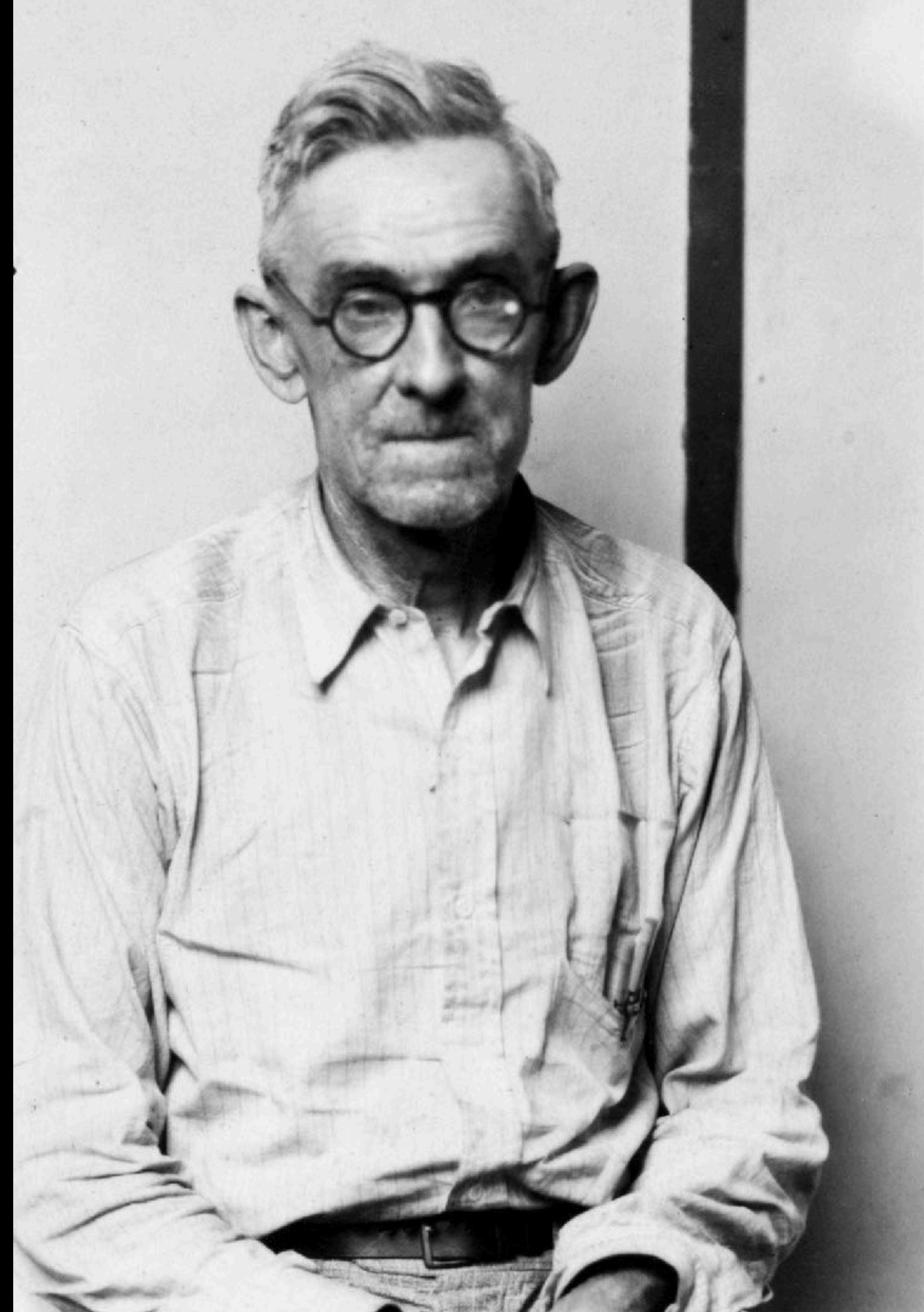
TALKING HEADS



HENRI ROUSSEAU



MIKE DISFARMER



LONG LIVE THE NAÏVE ARTIST

LONG LIVE THE NAÏVE PROGRAMMER

THANK YOU

ANY QUESTIONS?

TALK TO ME

daniele.procida@divio.com

EviDMP:

IRC/GITHUB/TWITTER/ETC

DIVIO