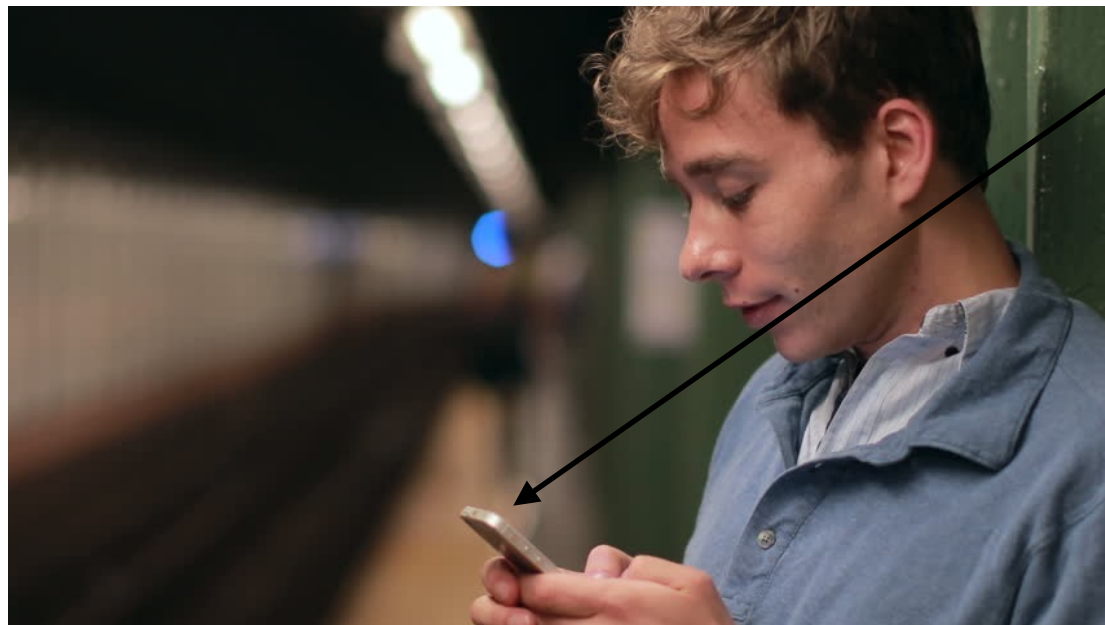


## Concept

Unified reading experience that scales  
between all target  
audiences, situations, and locations.



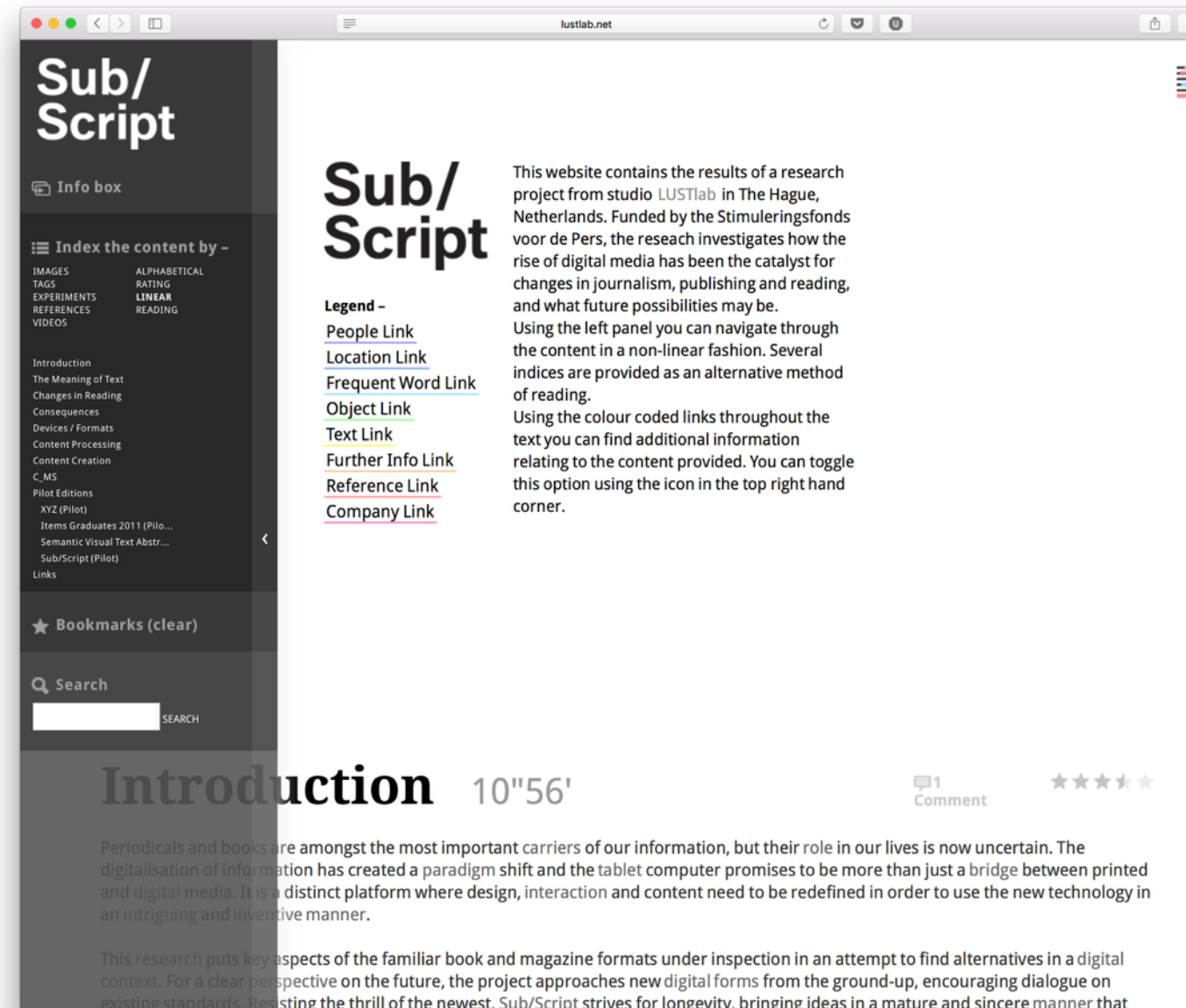
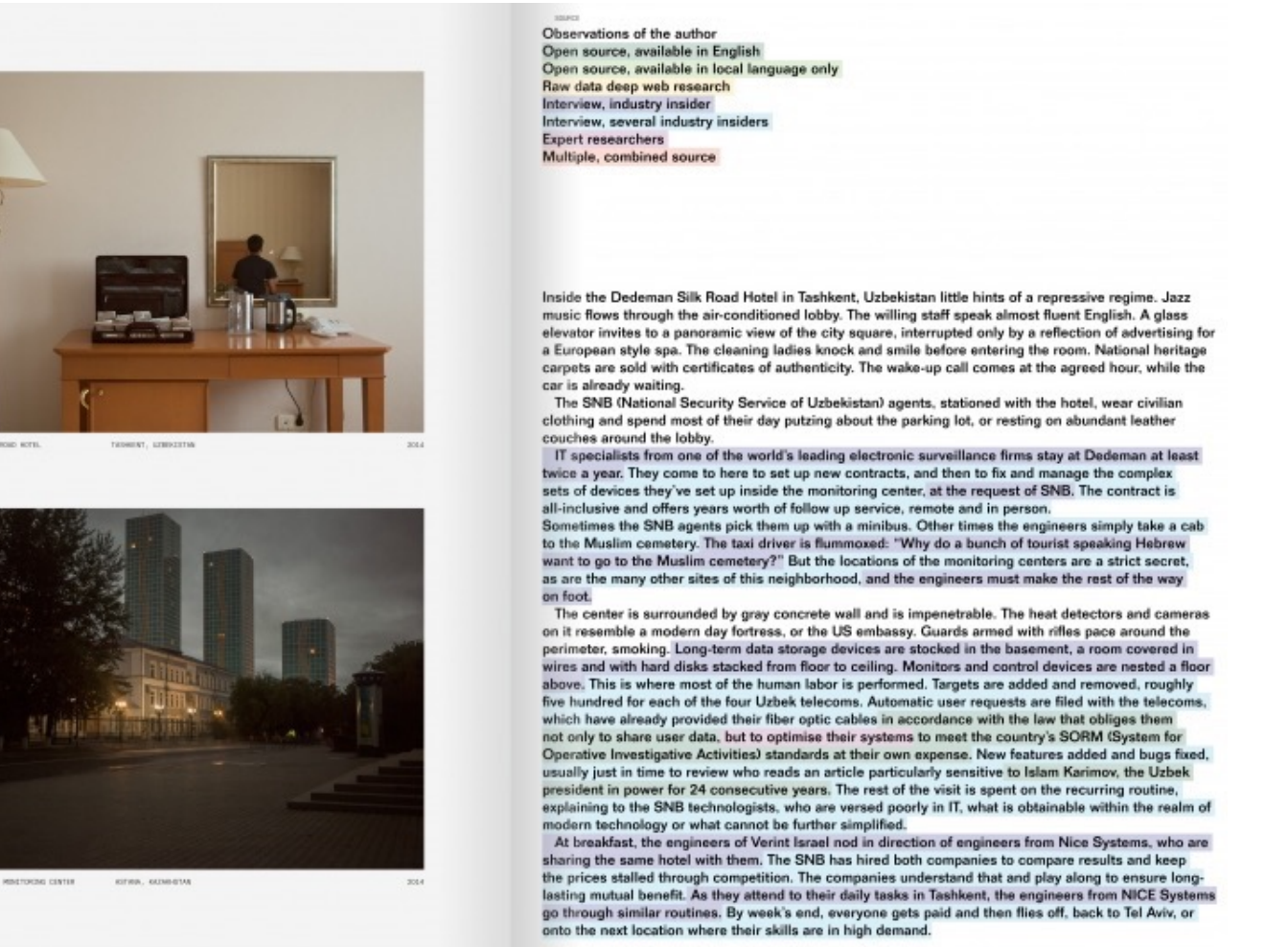
Situation

Location

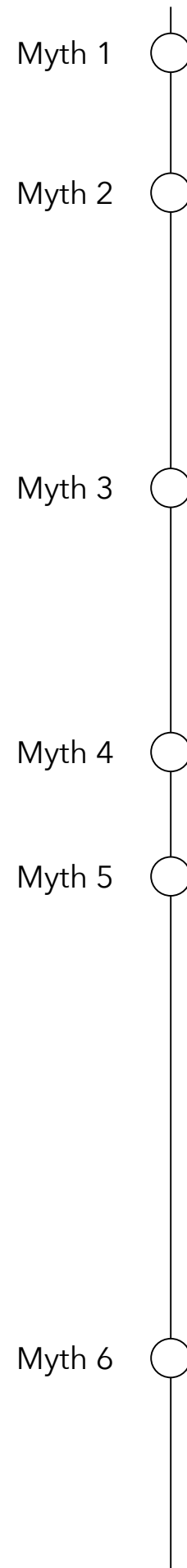
Audience



# New ideas in critical digital reading tools

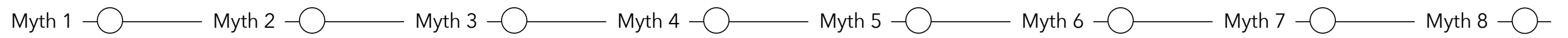


# Mental model

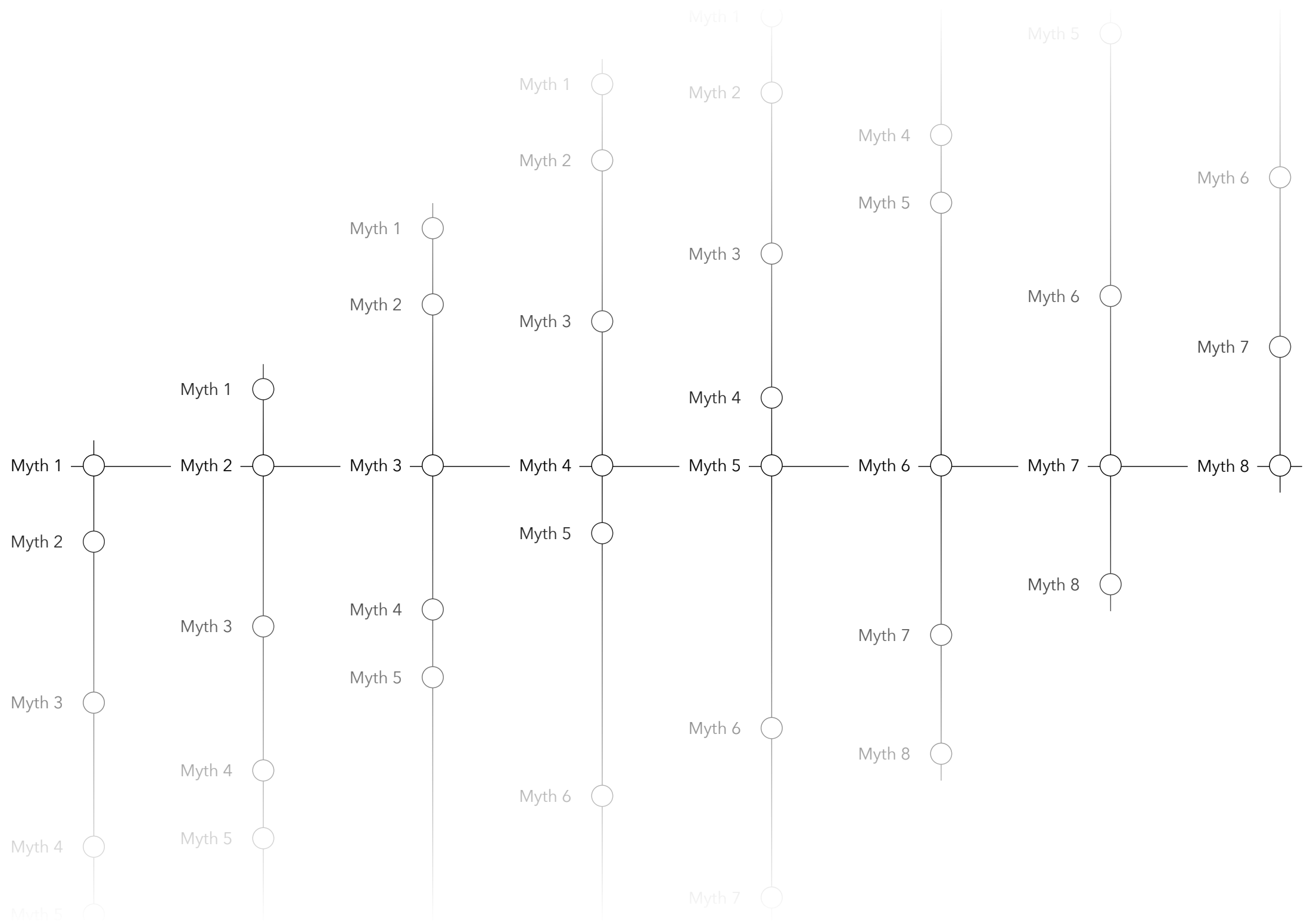




# Mental model



# Mental model



# Mental model

## MYTH 1: HIGHER DEFENSE SPENDING EQUALS INCREASED SECURITY

“If you want peace, prepare for war.”

So goes the much-repeated phrase, taken to heart around the globe. Indeed, the world spends a great deal preparing for war: at least \$1,776 billion in 2014.<sup>[2]</sup> With such high levels of spending, and the innumerable threats that arms purchases are said to protect us from, it would be easy to accept this adage at face value: why

powerful (and  
spending, and  
the human security  
world's population  
healthier, more:

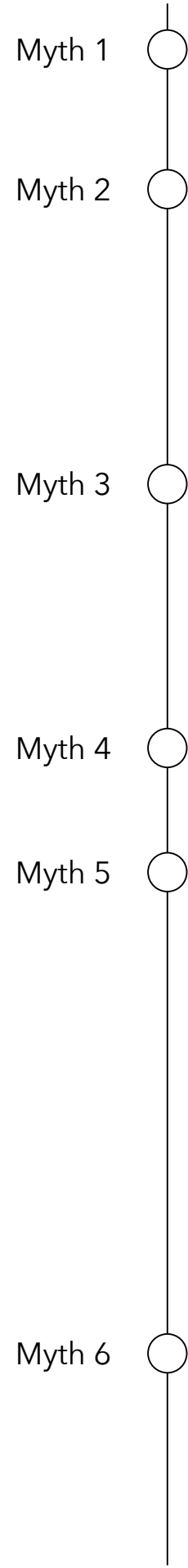
## MYTH 2: MILITARY

As we've shown  
reasons to question  
military spending  
could still argue  
wrong-headed, and  
to increase security  
most strategically  
security threats.

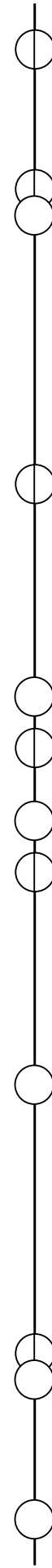


# Mental model

Main Text



Topic Centered



Mini Map



Annotations



# Creating new narratives through search

The screenshot shows a search interface for a PDF document. The search term is 'nato', and it has found 5 pages. The results are sorted by 'Search Rank'. The first result is on page 11, with 2 matches. The text on page 11 discusses the 'security dilemma' and mentions NATO. The second result is on page 12, with 4 matches, discussing military spending. The third result is on page 32, with 1 match, discussing military commentators. The fourth result is on page 49, with 2 matches, discussing NATO and the Warsaw Pact during the Cold War. The fifth result is on page 78, with 1 match, discussing the deal with Qatar and Sudan. The page number 11 is visible at the bottom right of the document view.



The screenshot shows a video player interface. The video title is 'NATO'. The duration is 1 MINUTES 21 SECONDS. The video content shows a text-based presentation. The text discusses NATO's military spending during the Cold War, its inflated estimates of Soviet military capability, and the impact of the 2011 intervention in Libya. The text mentions that NATO members, including the US, spent a total of \$949 billion in 2013, 54% of total world military spending. It also notes that NATO members and US major non-NATO allies accounted for 10% of the total. The video concludes by stating that the deal was widely criticized by the US and other Eastern European countries as Russia was already posing a military threat to NATO countries.

# IRAN

2 MINUTES 6 SECONDS

While Saudi Arabia has significant tensions with its neighbour across the Gulf, Iran, the latter is a far weaker military power with little ability to launch a successful attack on Saudi Arabia and other Gulf nations. Years of sanctions on Iran have increased the costs of acquiring and maintaining weapons systems, and it often has to make do with running older systems that would be massively outgunned by a fraction of Saudi power. One part of this is undoubtedly Saudi Arabia's influence in the Middle East, where it is seen to counter-balance the influence of Iran. But also important in cementing this relationship is the fact that Saudi Arabia is one of the largest purchasers of defense equipment from the US and UK. In the early 1980s, Iraq, under the dictatorial leadership of Saddam Hussein, launched a war against Iran. Iran had recently undergone a revolution that had replaced the Shah of Iran (a long-time US and European ally, despite his dictatorial rule) with a religious clique, the Ayatollahs, that promised to convert Iran to Muslim orthodoxy. <sup>[1]</sup> In 2014, the number of battle deaths was estimated to be around 100,000; by comparison, they reached over 600,000 in the early 1950s (during the

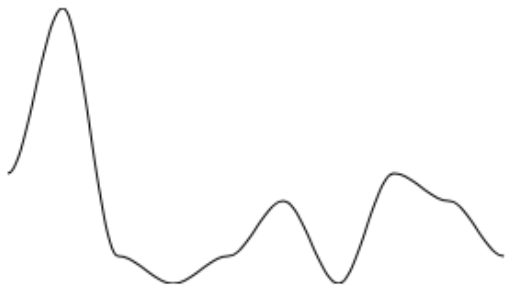
Iran  
↳ Saudi Arabia  
Middle East  
Afghanistan  
Pakistan  
Turkey  
Syria



Reading Time  
Speed  
Frequency

## AFGHAN

---



7 MINUTES 9 SECONDS

## COLD WAR

---

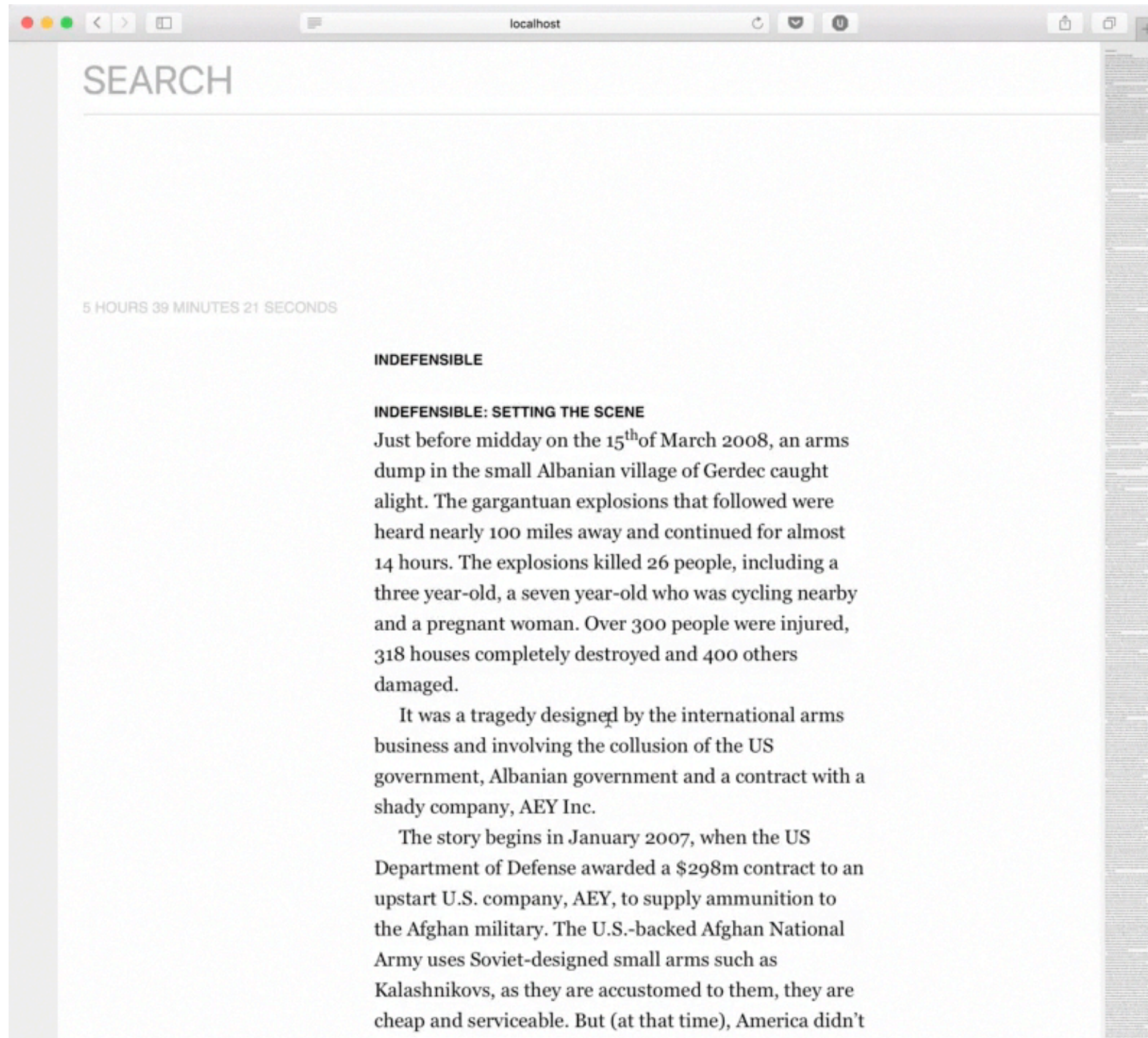


6 MINUTES 17 SECONDS

During the Cold War, both NATO and the Warsaw Pact spent vast amounts on their militaries. After the Cold War ended, the western powers, particularly NATO, had hugely inflated their military capability.

With the end of the Cold War, there was a lot of hope that countries would divert money to social development: what was known as the 'peace dividend'.<sup>[1]</sup> Signs were initially positive. However, after the end of the Cold War, military spending fell in many countries (i.e. After the end of the Cold War, military spending fell in many countries suddenly became the weapons s

# Focus Mode





# Providing a visual index

Margeling /  
Pathways  
to marginality  
Minority 3.5

Of course, the brand manager is aware that his formulae are not the only ones. CK knows perfectly well that there are infinitely many views of modern men and women and how they relate to one another. All these different views cannot possibly be reflected in a brand. What the brand ultimately seeks to do is construct an unambiguous system that can serve as a social model.

Minoritarian language sets identity in motion, generating unpredictable meanings and patterns that can never be turned into models. Let us look at how CK could use the language it uses in motion. The following examples illustrate how minoritarian language could operate in the CK narrative. A commercial shows a boy and a girl in a series of situations that provide an understanding of their actions and desires. The viewer perceives their backgrounds and the cultural limits within which they function. The lovers perceive their social environment as oppressive. The prevailing rules make it impossible for them to develop and break away from conventionality. They deliberately make cracks in the social context in order to liberate their love. Their loving contact and their incomprehensible language of love undermine the prevailing code. They challenge their supposedly self-evident identity and shatter the logical mould of their social model. This enables them to escape from it. Such a commercial illustrates the oppressiveness of social codes and shows that love provides an opportunity to escape from fixed frameworks, counteracting the restrictive effect that social conditions can sometimes have.

Here is another example. Several different short films paint a picture of one of the lovers (say the girl). She is described in fragments of spoken text, seen through the boy's eyes. However, the fragments do not form a whole; they are not a logical definition of the girl. Each film explodes the expectations created in the previous one and portrays a completely new world. The words spoken by the boy imply invitation and criticism. He can never grasp who she is. Just when he thinks he understands her, she changes.

Here the charm of the ad does not lie in a reflection and the desire to coincide with it, but in the opportunity to find escape routes for one's own identity in the nooks and crannies of the outlined fragments. The campaign makes the difference between 'self-reflection' and 'self-reflexion' clear. Self-reflection is a process of identification between the viewer and the image: they merge into one. This is a typical marketing mechanism. Self-reflexion, on the other hand, makes the reflection between the image and the viewer asymmetrical. The viewer feels that he cannot coincide with the image — there is a difference. This forces him to think about his own position and compose his own meaning.

A final example. So far language has been assigned to characters — but what if language is detached from the individual? In Dennis Cooper's 10 novel *Period* (2000) we see a number of young people in search of love. Cooper describes his characters' actions and thoughts in a rapid succession of brief, intense fragments, almost filmic cuts. The images illustrate how impossible real sexual or emotional contact between people is. The author makes clear that language is always incomplete and that people can never communicate fully. In order to achieve the desired intensity despite all this, the young people start playing an obsessive game, trying to experience the impossible through violence and sexual perversion. In *Period*, the succession of thoughts and acts is so rapid that the reader can scarcely assign them to the various characters. The flow of words fails to capture any of the characters. The figures in the book are depersonalized. The loneliness of the individual is conveyed, but the power of language is preserved. Similar use of language can be applied to CK.

[New Wave,  
see also Eruption 3.1  
and Ambiguity 3.2]

*Blood* (1986, originally screened in French as *Mauvais Sang*). Carax's overwhelming visual style is reminiscent of Godard and the New Wave. Reviewers have classified his baroque, romantic style as *Cinéma du look*, in which visual quality matters more than narrative.

The film is based on Herman Melville's book *Pierre*, or the *Ambiguities*.

Minoritarian language also has implications for the utopian promises made by marketing. A utopia is a proposal for a better present: 'now here.' Language that permits change defers the promise forever, thereby creating a 'no where'.

Luigi Serafini is the author of *Codex Seraphinianus*, an encyclopaedia for an imaginary world. Each page carefully illustrates a specific entry. The text is written in a nonsense alphabet, and the illustrations refer to themselves rather than anything else. The *Codex* consists of made-up words and images that, in the absence of a generally recognised language, acquire meaning by appealing to the reader.

Brand managers are aware that their rigid assumptions are counterproductive, in that they give rise to criticism or oppositional values. However, this is not an attack on the system — in fact, it keeps it alive. Deleuze and Guattari describe this process as 'schizo-phenization'. The same process is magnificently described in J. G. Ballard's book *Super-Cannes*. The book is about the Eden-Olympia business park near Super-Cannes, a city completely dominated by a number of megaconcerns. The city has

[see The humanized brand 2.5]

[see also Interweaving 3.7  
and Within and between 3.11]

guage between them. What did a particular character mean? Could the characters change? Could you use parts of characters — just the head, say — and if so what did that mean? Were you allowed to write things next to the characters or across them? What other signs could you use apart from the Disney characters? It was a *Magic Kingdom of Bricolage!*

In a single morning the children got this all worked out and wrote the letters. There were circles in between the characters to indicate relationships between them. Some of the children had added personal elements. One girl, for instance, cut off a lock of her blond hair, and her explanation of what this meant was accepted by the other children. There were discussions about what you were and weren't allowed to do, and the result was a language that the children could keep adding things of their own to.

The idea is that this minoritarian language will eventually become part of the Disney experience. For example, the new language — which can only be read by children — could be used to write and print letters to the *Donald Duck* magazine, and short messages in the language could be made use of. In this way children would be addressed in a language they themselves had devised and so could rejuvenate themselves, escaping the codes that adults were trying to impose on them.

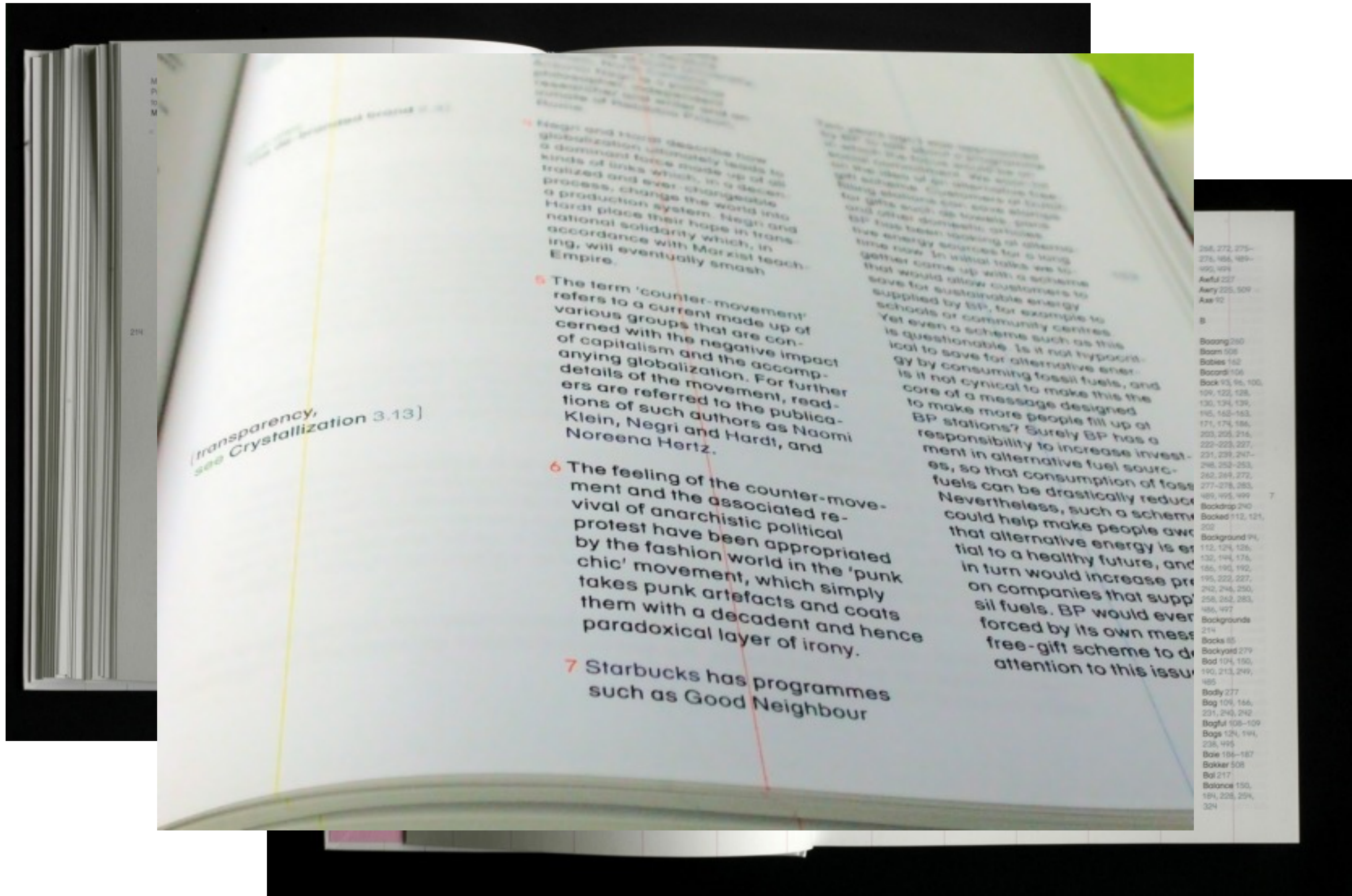


# Providing a visual index





# Providing a visual index



# Providing a visual index





# SEARCH

5 HOURS 39 MINUTES 21 SECONDS

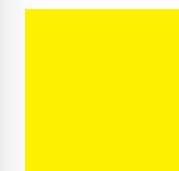
## INDEFENSIBLE

### INDEFENSIBLE: SETTING THE SCENE

Just before midday on the 15<sup>th</sup> of March 2008, an arms dump in the small Albanian village of Gerdec caught alight. The gargantuan explosions that followed were heard nearly 100 miles away and continued for almost 14 hours. The explosions killed 26 people, including a three year-old, a seven year-old who was cycling nearby and a pregnant woman. Over 300 people were injured, 318 houses completely destroyed and 400 others damaged.

It was a tragedy designed by the international arms business and involving the collusion of the US government, Albanian government and a contract with a shady company, AEY Inc.

The story begins in January 2007, when the US Department of Defense awarded a \$298m contract to an upstart U.S. company, AEY, to supply ammunition to the Afghan military. The U.S.-backed Afghan National Army uses Soviet-designed small arms such as Kalashnikovs, as they are accustomed to them, they are cheap and serviceable. But (at that time), America didn't



Highlights



Annotations



Key passages

# Personal Path

## LINEAR

### Indefensible

Indefensible: Setting the Scene

Introduction

Section 1: There is no problem

Myth 1: Higher Defense Spending Equals Increased Security

Myth 2: Military Spending Is Driven by Security Concerns

Myth 3: We Can Control Where Weapons End Up and How They Are Used

Myth 4: The Defense Industry is a Key Contributor to National Economies

Myth 5: Corruption in the Arms Trade is Only a Problem in Developing Countries

Myth 6: National Security Requires Blanket Secrecy

Section 2: The arms trade can't be beaten

Myth 7: Now is not the time

The final myth: there is nothing we can do about it

## RESEARCH TRAJECTORY

### Indefensible

Indefensible: Setting the Scene

Introduction

Section 1: There is no problem

Myth 1: Higher Defense Spending Equals Increased Security

Section 2: The arms trade can't be beaten

Myth 7: Now is not the time

Section 1: There is no problem

Myth 2: Military Spending Is Driven by Security Concerns

Myth 3: We Can Control Where Weapons End Up and How They Are Used

The final myth: there is nothing we can do about it

Introduction

Myth 4: The Defense Industry is a Key Contributor to National Economies

Myth 5: Corruption in the Arms Trade is Only a Problem in Developing Countries

Myth 6: National Security Requires Blanket Secrecy

Introduction

Indefensible: Setting the Scene

Myth 3: We Can Control Where Weapons End Up and How They Are Used

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### Master of Design

#### Course

With a selfless, committed, curious, serious, humorous and above all hazardous mentality, plus a wide diversity of tools, the Design Department offers a framework for survival in our fluid future. The programme works as a think tank for visual strategies where Master's students can solidify their social, political and technological observations in research-based design projects. With a strong radar for social change, they touch upon the contradictions of contemporary society. And after two years they graduate as investigative designers, critical optimists, generous collaborators, contagious initiators, natural cyberpets, eternal students, storytellers, friends, lovers or fighters.

To learn more about the Design Department

have a look at our yearbooks:

[Design yearbook 2013–2014](#)

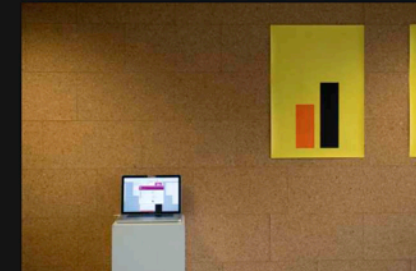
[Design yearbook 2011–2012](#)

[Design yearbook 2010–2011](#)

[Design yearbook 2009–2010](#)

[Design yearbook 2008–2009](#)

Contact



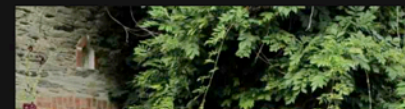
Sandberg Open Day



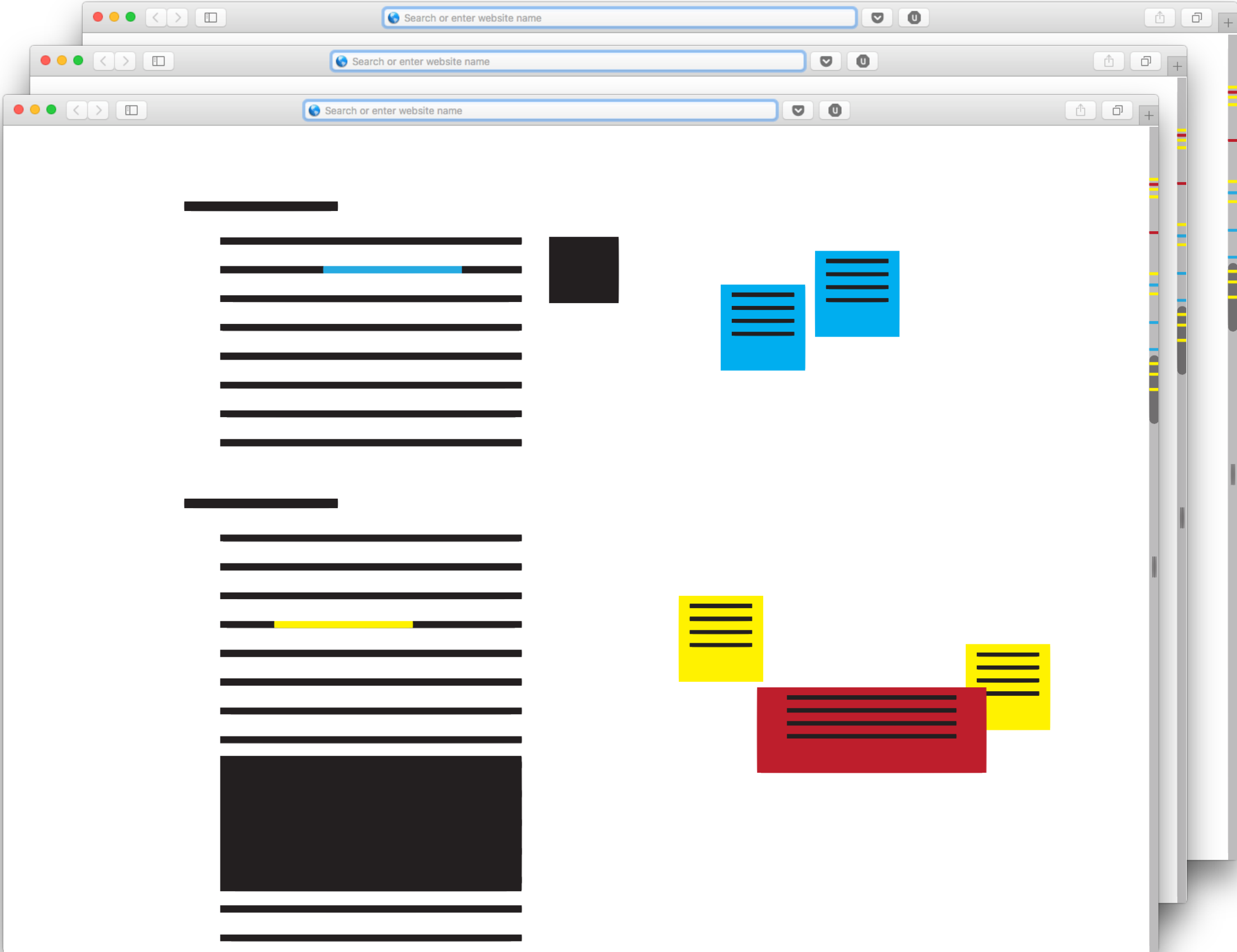
Introduction weekend, September 2012

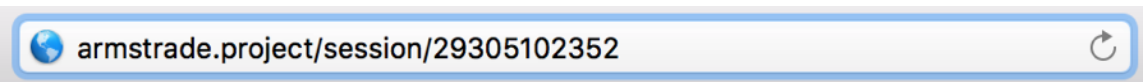
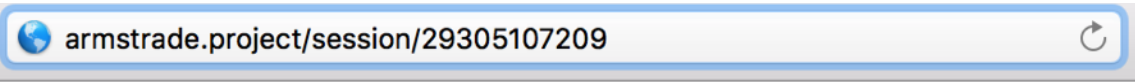
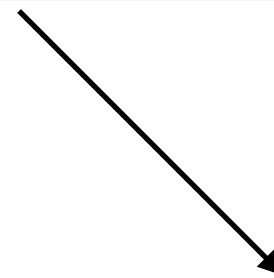
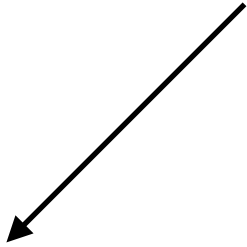
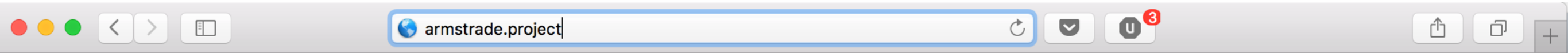


Introduction weekend, September 2012



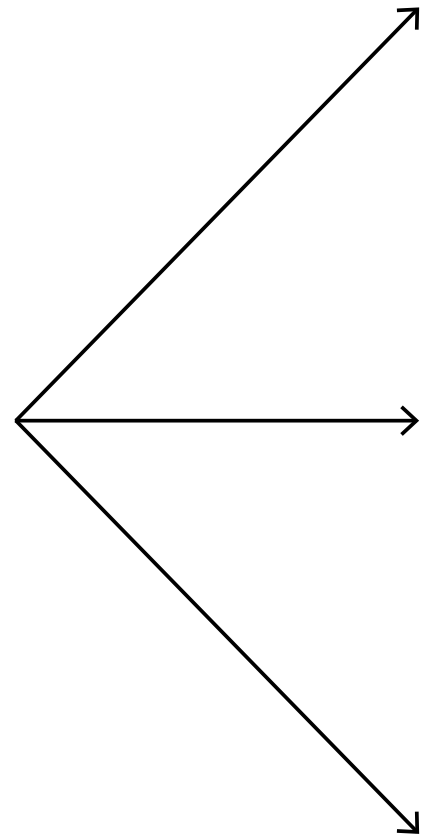
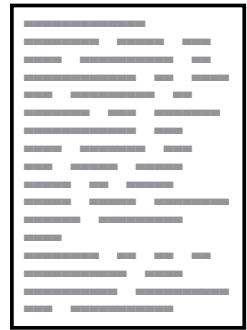
# Collaboration



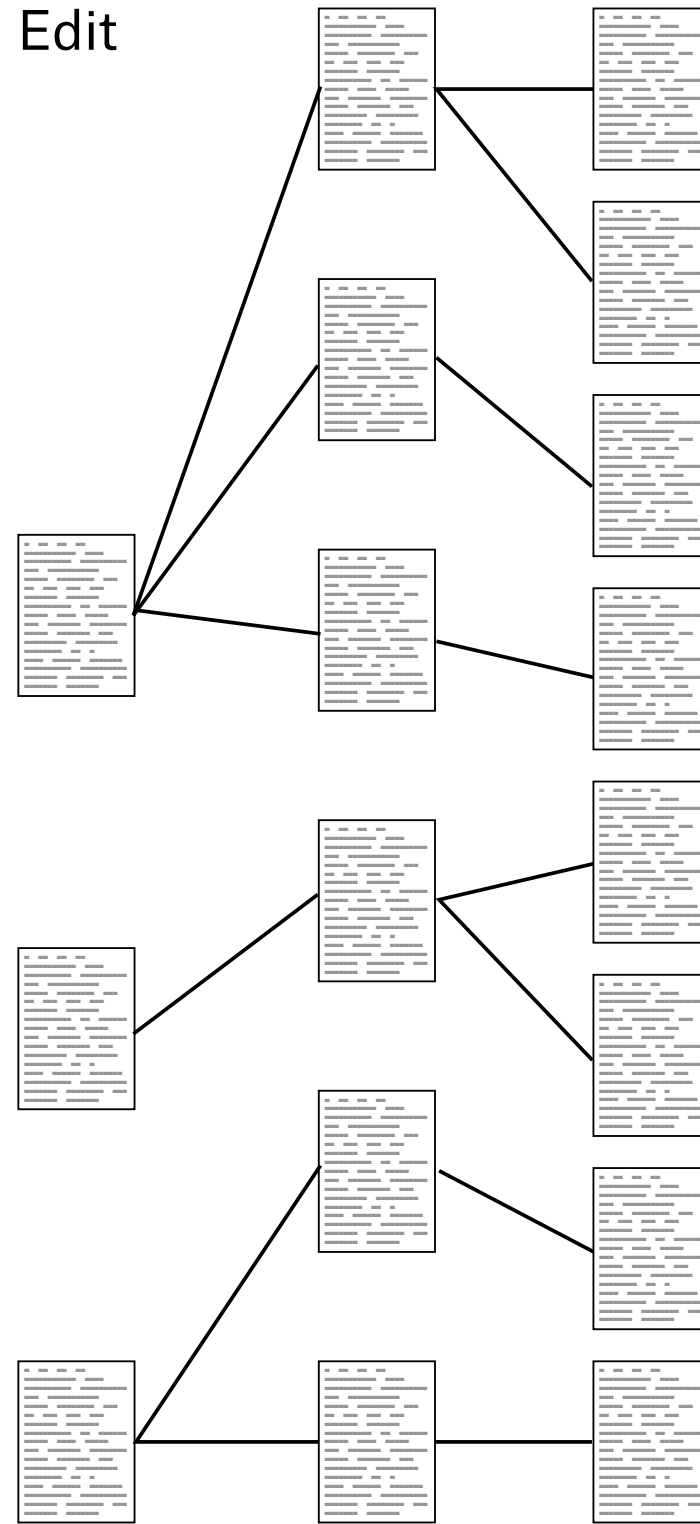


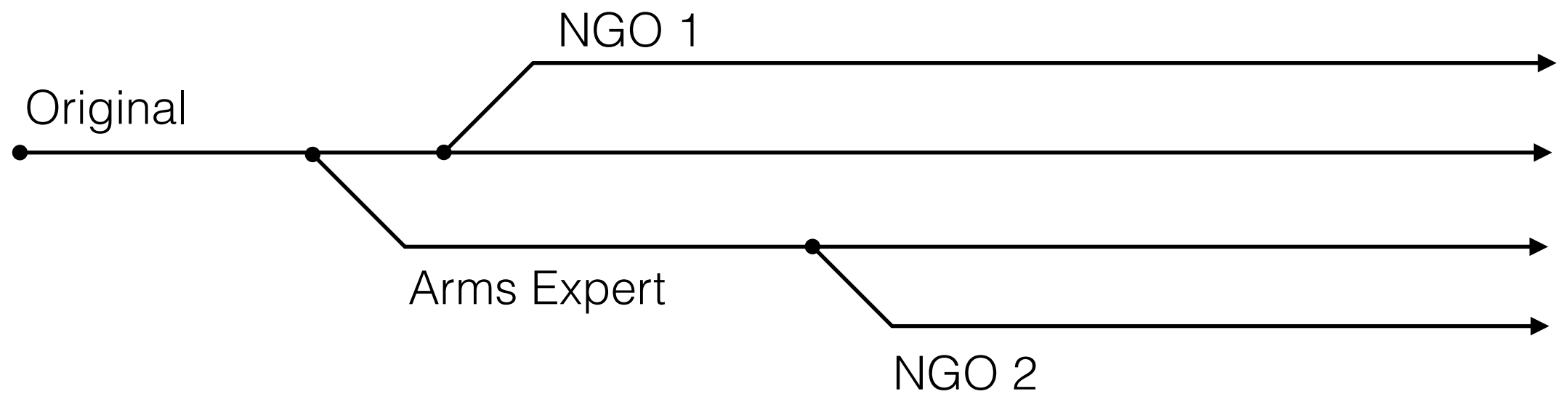


Source

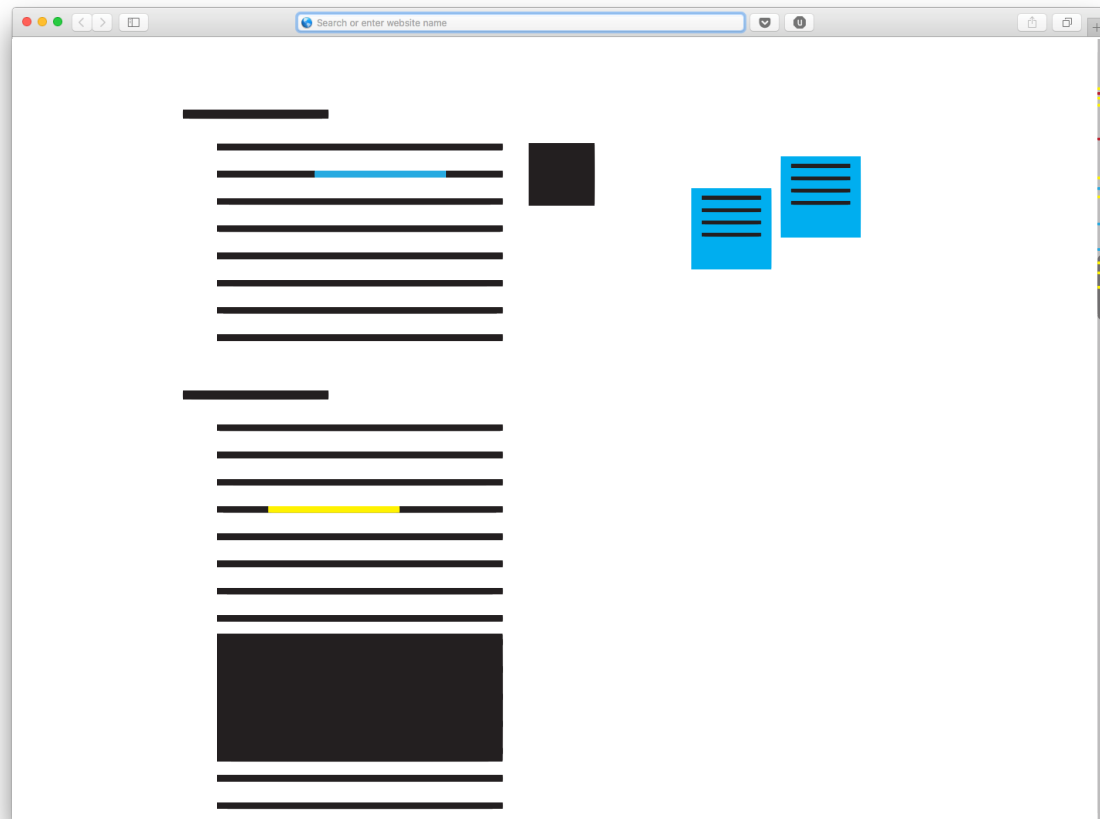


Edit

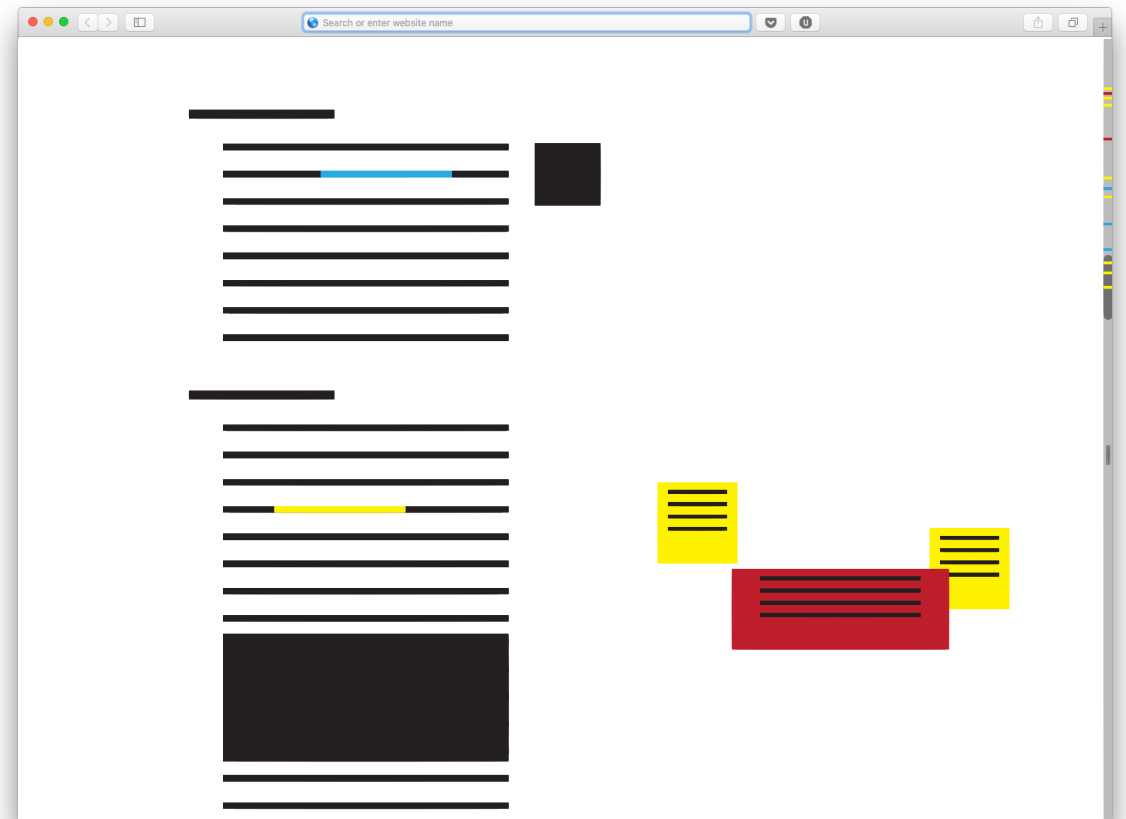




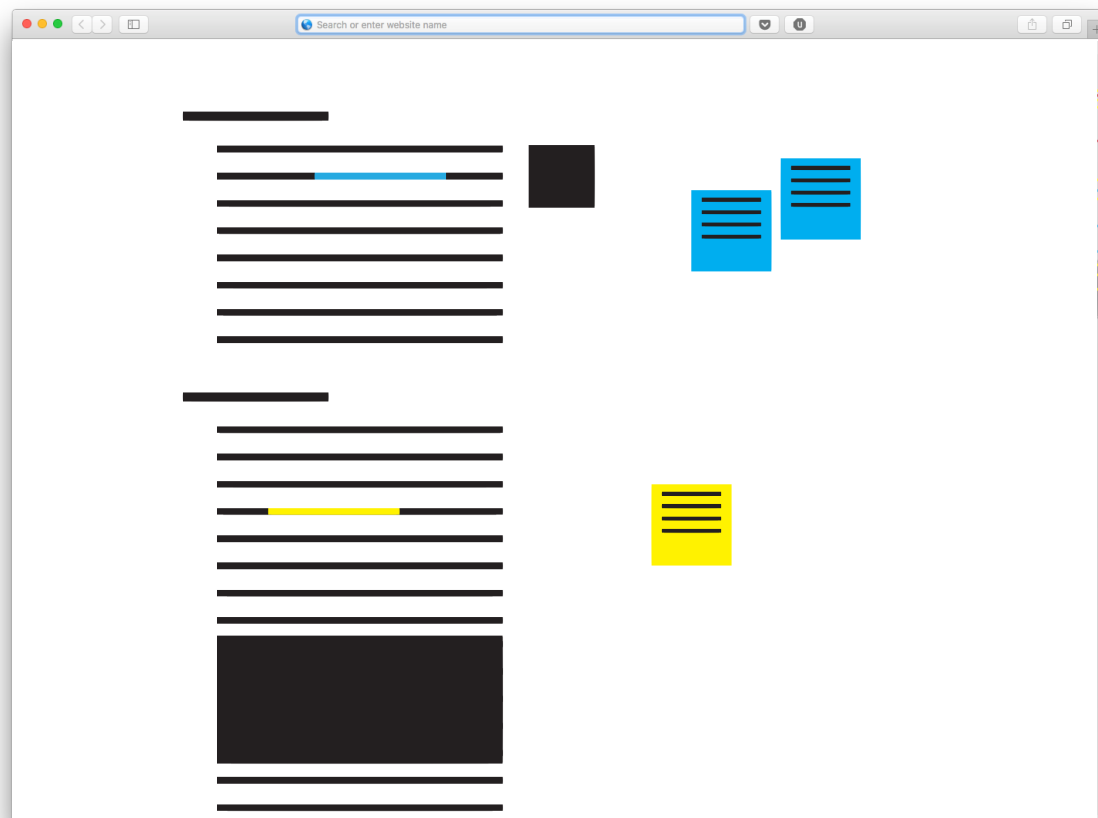
NGO



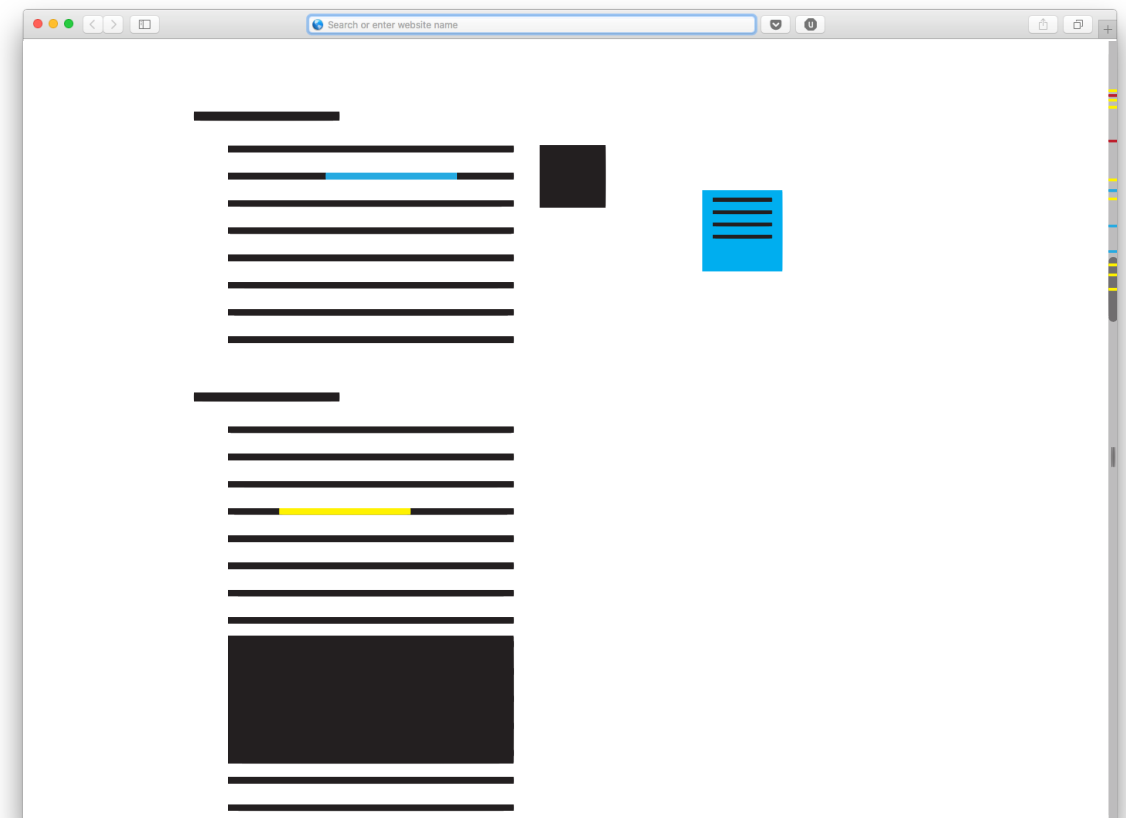
Professor of Middle Eastern Studies



Journalist in the Field



Casual Reader



# Social

The image shows a Facebook interface. At the top, there is a search bar with the text "Search Facebook" and a magnifying glass icon. To the right of the search bar is a user profile picture and the name "Eric". Below the search bar, a post from "LUST" is visible. The post says "LUST shared a link." and "2 hrs · 🌐". The link preview shows a document titled "Indefensible The Myths that Sustain a Bloated, Corrupt and Dangerous Global Arms Business" from "ARMSTRADE.PROJECT". The document text includes: "MYTH 1: HIGHER DEFENSE SPENDING EQUALS INCREASED SECURITY", "If you want peace, prepare for war.", "So goes the much-repeated phrase, taken to heart around the globe. Indeed, the world spends a great deal preparing for war: at least \$1,776 billion in 2014.[2] With such high levels of spending, and the innumerable threats that arms purchases are said to protect us from, it would be easy to accept this adage at face value: why on earth else would responsible governments pour such huge sums into military spending?". Below the link preview, it says "4 Likes" and "You, Edwin Jakobs, Robin Smits and Irene Nieuwenhuizen like this." At the bottom, there is a comment box with the text "Write a comment..." and a smiley face icon.

Search Facebook

Eric

LUST shared a link.  
2 hrs · 🌐

My annotated version of Indefensible for thesis research.

**MYTH 1: HIGHER DEFENSE SPENDING EQUALS INCREASED SECURITY**

“If you want peace, prepare for war.”

So goes the much-repeated phrase, taken to heart around the globe. Indeed, the world spends a great deal preparing for war: at least \$1,776 billion in 2014.<sup>[2]</sup> With such high levels of spending, and the innumerable threats that arms purchases are said to protect us from, it would be easy to accept this adage at face value: why on earth else would responsible governments pour such huge sums into military spending?

**Indefensible The Myths that Sustain a Bloated, Corrupt and Dangerous Global Arms Business**

Military spending around the world totalled \$1776 billion in 2014: nearly \$250 for every one of the earth's 7 billion people.

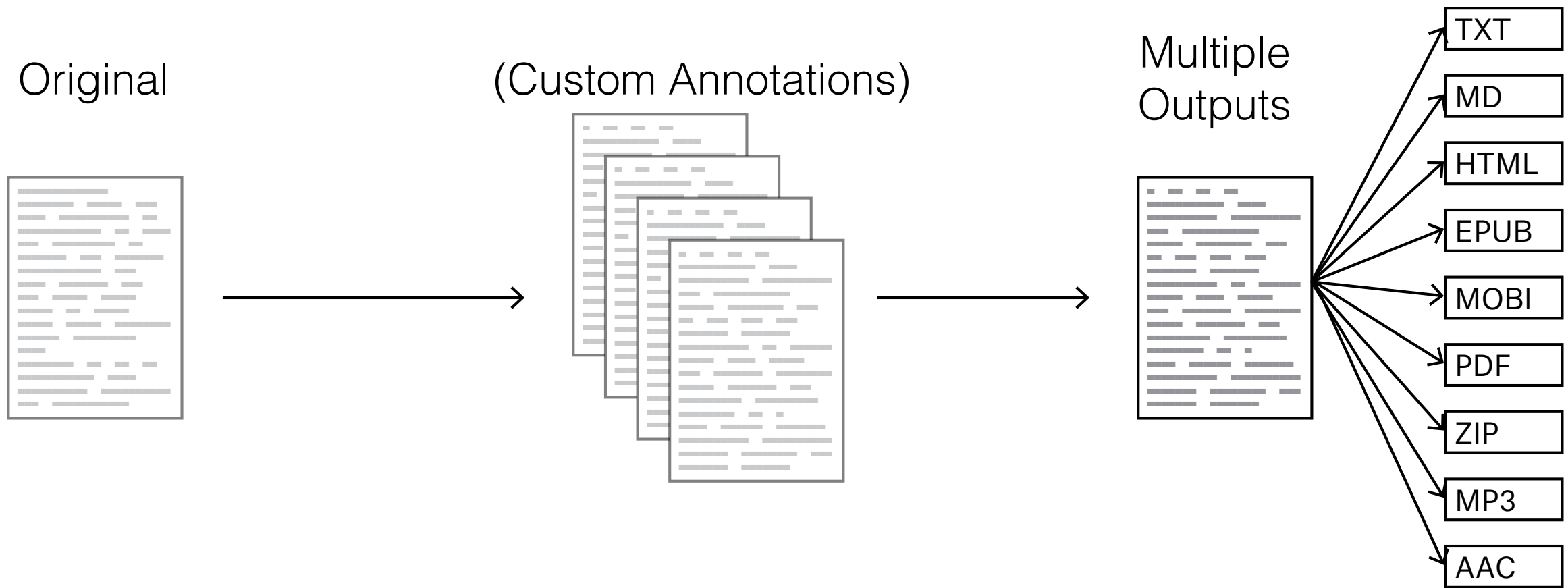
ARMSTRADE.PROJECT

4 Likes

You, Edwin Jakobs, Robin Smits and Irene Nieuwenhuizen like this.

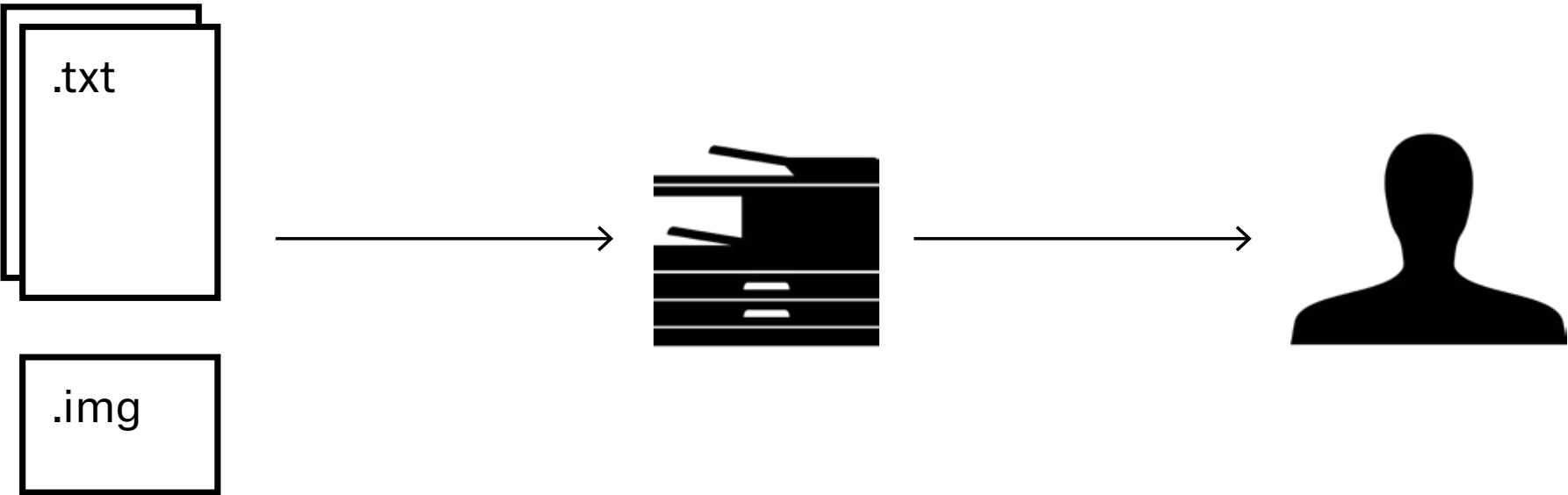
Write a comment...

# Multiple distribution methods





# Offline custom narratives



# NGO

Research initiator  
opens Indefensible

As they read the  
text, annotations  
and additions are  
made

Initiator invites a  
colleague

Together they build  
towards an  
annotated and  
curated version  
centered around  
their particular  
field

They export their  
creation as a PDF  
for use in the  
field



# Student Researcher

Student researcher  
opens Indefensible

They want to use it  
as a resource for a  
paper, but are  
crunched for time.  
So they open an  
annotated version  
created by an arms  
expert.

Student reads the  
introduction, and  
then jumps to the  
annotated parts  
using the Mini Map.

Student annotates  
the text,  
highlighting and  
writing reactions  
as they go. They  
also share an  
interesting quote  
to social media.

Student exports  
notes and  
highlights to a  
file that they can  
later use in their  
paper.



# Subway Reader

Subway reader opens  
Indefensible

They read the first  
few paragraphs, but  
want to skim the  
rest.

Reader invokes fast  
scrolling widget  
and scrolls past  
the lesser points.

Reader gets to an  
important point and  
stops to read it.  
They leave focus  
mode to read the  
rest of the  
passage.

Reader jumps to  
conclusion of book.





# SEARCH

5 HOURS 39 MINUTES 21 SECONDS

## INDEFENSIBLE

### INDEFENSIBLE: SETTING THE SCENE

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