

Spam A Shadow History Of The Internet Infrastructures

Dylan Mulvin



Spam A Shadow History Of The Internet Infrastructures:

Spam Finn Brunton, 2013 What spam is how it works and how it has shaped online communities and the Internet itself

Spam Finn Brunton, 2015-01-30 What spam is how it works and how it has shaped online communities and the Internet itself The vast majority of all email sent every day is spam a variety of idiosyncratically spelled requests to provide account information invitations to spend money on dubious products and pleas to send cash overseas Most of it is caught by filters before ever reaching an in box Where does it come from As Finn Brunton explains in Spam it is produced and shaped by many different populations around the world programmers con artists bots and their botmasters pharmaceutical merchants marketers identity thieves crooked bankers and their victims cops lawyers network security professionals vigilantes and hackers Every time we go online we participate in the system of spam with choices refusals and purchases the consequences of which we may not understand This is a book about what spam is how it works and what it means Brunton provides a cultural history that stretches from pranks on early computer networks to the construction of a global criminal infrastructure The history of spam Brunton shows us is a shadow history of the Internet itself with spam emerging as the mirror image of the online communities it targets Brunton traces spam through three epochs the 1970s to 1995 and the early noncommercial computer networks that became the Internet 1995 to 2003 with the dot com boom the rise of spam s entrepreneurs and the first efforts at regulating spam and 2003 to the present with the war of algorithms spam versus anti spam Spam shows us how technologies from email to search engines are transformed by unintended consequences and adaptations and how online communities develop and invent governance for themselves

Infrastructural Brutalism Michael Truscello, 2020-09-01 How drowned town literature road movies energy landscape photography and death train narratives represent the brutality of industrial infrastructures In this book Michael Truscello looks at the industrial infrastructure not as an invisible system of connectivity and mobility that keeps capitalism humming in the background but as a manufactured miasma of despair toxicity and death Truscello terms this infrastructural brutality a formulation that not only alludes to the historical nexus of infrastructure and the concrete aesthetic of Brutalist architecture but also describes the ecological political and psychological brutality of industrial infrastructures Truscello explores the necropolitics of infrastructure how infrastructure determines who may live and who must die through the lens of artistic media He examines the white settler nostalgia of drowned town fiction written after the Tennessee Valley Authority flooded rural areas for hydroelectric projects argues that the road movie represents a struggle with liberal governmentality considers the ruins of oil capitalism as seen in photographic landscapes of postindustrial waste and offers an account of death train narratives ranging from the history of the Holocaust to postapocalyptic fiction Finally he calls for brisantic politics a culture of unmaking that is capable of slowing the advance of capitalist suicide Brisance refers to the shattering effect of an explosive but Truscello uses the term to signal a variety of practices for defeating infrastructural power Brisantic politics he warns would require a reorientation of radical

politics toward infrastructure sabotage and cascading destruction in an interconnected world Repairing Infrastructures Christopher R. Henke, Benjamin Sims, 2020-10-13 An investigation of the causes and consequences of the strange ambivalent and increasingly central role of infrastructure repair in modern life Infrastructures communication food transportation energy and information are all around us and their enduring function and influence depend on the constant work of repair In this book Christopher Henke and Benjamin Sims explore the causes and consequences of the strange ambivalent and increasingly central role of infrastructure repair in modern life Henke and Sims offer examples from local to global to investigate not only the role of repair in maintaining infrastructures themselves but also the social and political orders that are created and sustained through them Repair can encompass not only the kind of work we most commonly associate with the term but also any set of practices aimed at restoring a sense of normalcy or credibility to the places and institutions we inhabit in everyday life From cases as diverse as the repair of building systems on a university campus a conflict over retrofitting a bridge while protecting murals painted on it and the global challenge posed by climate change Henke and Sims assemble a range of examples to illustrate key conceptual points about the role of repair They show that repair is an essential if often overlooked aspect of understanding the broader impact and politics of infrastructures Understanding repair helps us better understand infrastructures and the scope of their influence on our lives The Infrastructural South Jonathan Silver, 2023-10-10 An in depth look at the infrastructural landscape of Africa amid the third wave of urbanization drawing on case studies from Africa and extending further afield The Infrastructural South represents a major theoretical contribution to the study of infrastructure s role in the third wave of urbanization centered on Africa Based on over a decade of empirical research Silver s sweeping examination probes many of contemporary urbanism s most exciting and pressing issues through the lens of the Global South Focusing on Uganda Ghana and South Africa Silver s conceptually innovative chapters explore the way access to energy water sanitation transit and information technologies shape everyday life as they map the dynamic relations between cities technology and the environment Pushing readers to look at the wider worlds that suffuse urban systems this theoretical and geographical perspective treats Africa s rapidly transforming towns and cities as complex sites of disruption emancipation and contradiction In doing so it shows how the proliferating urbanisms and contested techno environments arise from shifting priorities in infrastructure planning politics and financing gaps As urban issues become a key twenty first century challenge for Africa Silver offers a comprehensive reworking of our understanding of urbanization The Infrastructural South rethinks how global scholarship approaches infrastructure laying pathways for future research at the intersection of technology environmental urbanism and urban politics *Borders as Infrastructure* Huub Dijstelbloem, 2021-08-17 An investigation of borders as moving entities that influence our notions of territory authority sovereignty and jurisdiction In *Borders as Infrastructure* Huub Dijstelbloem brings science and technology studies as well as the philosophy of technology to the study of borders and international human mobility Taking Europe s borders as a point of

departure he shows how borders can transform and multiply and how they can mark conflicts over international orders Borders themselves are moving entities he claims and with them travel our notions of territory authority sovereignty and jurisdiction The philosophies of Bruno Latour and Peter Sloterdijk provide a framework for Dijstelbloem's discussion of the material and morphological nature of borders and border politics Dijstelbloem offers detailed empirical investigations that focus on the so called migrant crisis of 2014-2016 on the Greek Aegean Islands of Chios and Lesbos the Europe surveillance system Eurosur border patrols at sea the rise of hotspots and humanitarian borders the technopolitics of border control at Schiphol International Airport and the countersurveillance by NGOs activists and artists who investigate infrastructural border violence Throughout Dijstelbloem explores technologies used in border control including cameras databases fingerprinting visual representations fences walls and monitoring instruments Borders can turn places routes and territories into zones of death Dijstelbloem concludes that Europe's current relationship with borders renders borders and Europe itself an extreme infrastructure obsessed with boundaries and limits

A Billion Little Pieces Jordan Frith, 2024-02-06 How RFID a ubiquitous but often invisible mobile technology identifies tens of billions of objects as they move through the world RFID Radio Frequency Identification is ubiquitous but often invisible a mobile technology used by more people more often than any flashy smartphone app RFID systems use radio waves to communicate identifying information transmitting data from a tag that carries data to a reader that accesses the data RFID tags can be found in credit cards passports key fobs car windshields subway passes consumer electronics tunnel walls and even human and animal bodies identifying tens of billions of objects as they move through the world In this book Jordan Frith looks at RFID technology and its social impact bringing into focus a technology that was designed not to be noticed RFID with its ability to collect unique information about almost any material object has been hyped as the most important identification technology since the bar code the linchpin of the Internet of Things and also seen by some evangelical Christians as a harbinger of the end times Frith views RFID as an infrastructure of identification that simultaneously functions as an infrastructure of communication He uses RFID to examine such larger issues as big data privacy and surveillance giving specificity to debates about societal trends Frith describes how RFID can monitor hand washing in hospitals change supply chain logistics communicate wine vintages and identify rescued pets He offers an accessible explanation of the technology looks at privacy concerns and pushes back against alarmist accounts that exaggerate RFID's capabilities The increasingly granular practices of identification enabled by RFID and other identification technologies Frith argues have become essential to the working of contemporary networks reshaping the ways we use information

Proxies Dylan Mulvin, 2021-08-17 How those with the power to design technology in the very moment of design are allowed to imagine who is included and who is excluded in the future Our world is built on an array of standards we are compelled to share In Proxies Dylan Mulvin examines how we arrive at those standards asking To whom and to what do we delegate the power to stand in for the world Mulvin shows how those with the power to design technology

in the very moment of design are allowed to imagine who is included and who is excluded in the future For designers of technology some bits of the world end up standing in for other bits standards with which they build and calibrate These proxies carry specific values even as they disappear from view Mulvin explores the ways technologies standards and infrastructures inescapably reflect the cultural milieus of their bureaucratic homes Drawing on archival research he investigates some of the basic building blocks of our shared infrastructures He tells the history of technology through the labor and communal practices of among others the people who clean kilograms to make the metric system run the women who pose as test images and the actors who embody disease and disability for medical students Each case maps the ways standards and infrastructure rely on prototypical ideas of whiteness able bodiedness and purity to control and contain the messiness of reality Standards and infrastructures Mulvin argues shape and distort the possibilities of representation the meaning of difference and the levers of change and social justice

The Demonstration Society Claude Rosental, 2021-10-12

Today as in the past public demonstrations are not only tools to prove persuade and promote but also fundamental forms of social interaction and exchange YouTube demos of makeup products by famous influencers demonstrations of strength during street protests demonstrations of military might in North Korea public demonstrations are omnipresent in social life Yet they are often perceived as isolated events unworthy of systematic examination In *The Demonstration Society* Claude Rosental explores the underlying dynamics of what he calls a demonstration society He shows how both in today's world and historically public demonstrations constitute not only tools to prove persuade and promote but fundamental forms of interaction and exchange and in some cases attempts to lead the world Rosental compares demos with other forms of public demonstrations drawing out both their peculiarities and common features He analyzes the processes through which demonstrations are conceived and carried out as well as the skills of their producers He also compares contemporary demos with historical demonstrations including theaters of machines in the Renaissance public demonstrations of natural philosophy in the seventeenth century and demonstrations of the magic lantern in the nineteenth century Above and beyond the entertainment they sometimes provide demonstrations are experienced as intense moments that broadly involve alliances material and symbolic goods and more generally the future of individuals and collectives Rosental elucidates the many ways in which we live today as in the past in a society of demonstration

Urban Operating Systems Andres Luque-Ayala, Simon Marvin, 2020-12-15

A new wave of enthusiasm for smart cities urban data and the Internet of Things has created the impression that computation can solve almost any urban problem Subjecting this claim to critical scrutiny in this book Andr's Luque Ayala and Simon Marvin examine the cultural historical and contemporary contexts in which urban computational logics have emerged They consider the rationalities and techniques that constitute emerging computational forms of urbanization including work on digital urbanism smart cities and more recently platform urbanism They explore the modest potentials and serious contradictions of reconfiguring urban life city services and urban networked infrastructure

through computational operating systems an urban OS Luque Ayala and Marvin argue that in order to understand how digital technologies transform and shape the city it is necessary to analyze the underlying computational logics themselves Drawing on fieldwork that stretches across eleven cities in American European and Asian contexts they investigate how digital products services and ecosystems are reshaping the ways in which the city is imagined known and governed They discuss the reconstitution of the contemporary city through digital technologies practices and techniques including data driven governance predictive analytics digital mapping urban sensing digitally enabled control rooms civic hacking and open data narratives Focusing on the relationship between the emerging operating systems of the city and their traditional infrastructures they shed light on the political implications of using computer technologies to understand and generate new urban spaces and flows

The Charisma Machine Morgan G. Ames, 2019-11-19 A fascinating examination of technological utopianism and its complicated consequences In *The Charisma Machine* Morgan Ames chronicles the life and legacy of the One Laptop per Child project and explains why despite its failures the same utopian visions that inspired OLPC still motivate other projects trying to use technology to disrupt education and development Announced in 2005 by MIT Media Lab cofounder Nicholas Negroponte One Laptop per Child promised to transform the lives of children across the Global South with a small sturdy and cheap laptop computer powered by a hand crank In reality the project fell short in many ways starting with the hand crank which never materialized Yet the project remained charismatic to many who were captivated by its claims of access to educational opportunities previously out of reach Behind its promises OLPC like many technology projects that make similarly grand claims had a fundamentally flawed vision of who the computer was made for and what role technology should play in learning Drawing on fifty years of history and a seven month study of a model OLPC project in Paraguay Ames reveals that the laptops were not only frustrating to use easy to break and hard to repair they were designed for technically precocious boys idealized younger versions of the developers themselves rather than the children who were actually using them *The Charisma Machine* offers a cautionary tale about the allure of technology hype and the problems that result when utopian dreams drive technology development

Prison Media Anne Kaun, Fredrik Stiernstedt, 2023-05-09 How prisoners serve as media laborers while the prison serves as a testing ground for new media technologies Prisons are not typically known for cutting edge media technologies Yet from photography in the nineteenth century to AI enhanced tracking cameras today there is a long history of prisons being used as a testing ground for technologies that are later adopted by the general public If we recognize the prison as a central site for the development of media technologies how might that change our understanding of both media systems and carceral systems *Prison Media* foregrounds the ways in which the prison is a model space for the control and transmission of information a place where media is produced and a medium in its own right Examining the relationship between media and prison architecture as surveillance and communication technologies are literally built into the facilities this study also considers the ways in which prisoners themselves often do hard labor as media

workers labor that contributes in direct and indirect ways to the latest technologies developed and sold by multinational corporations like Amazon There is a fine line between ankle monitors and Fitbits and Prison Media helps us make sense of today s carceral society

No Heavenly Bodies Christine E. Evans,Lars Lundgren,2023-11-28 The compelling and little known history of satellite communications that reveals the Soviet and Eastern European roles in the development of its infrastructure Taking its title from Hannah Arendt s description of artificial earth satellites No Heavenly Bodies explores the history of the first two decades of satellite communications Christine E Evans and Lars Lundgren trace how satellite communications infrastructure was imagined negotiated and built across the Earth s surface including across the Iron Curtain While the United States and European countries roles in satellite communications are well documented Evans and Lundgren delve deep into the role the Soviet Union and other socialist countries played in shaping the infrastructure of satellite communications technology in its first two decades Departing from the Cold War binary and the competitive framework that has animated much of space historiography and telecommunications history No Heavenly Bodies focuses instead on interaction cooperation and mutual influence across the Cold War divide Evans and Lundgren describe the expansion of satellite communications networks as a process of negotiation and interaction rather than a simple contest of technological and geopolitical prowess In so doing they make visible the significant overlaps shared imaginaries points of contact and exchange and negotiated settlements that determined the shape of satellite communications in its formative decades

Boundary Objects and Beyond Geoffrey C. Bowker,Stefan Timmermans,Adele E. Clarke,Ellen Balka,2016-02-26 The multifaceted work of the late Susan Leigh Star is explored through a selection of her writings and essays by friends and colleagues Susan Leigh Star 1954 2010 was one of the most influential science studies scholars of the last several decades In her work Star highlighted the messy practices of discovering science asking hard questions about the marginalizing as well as the liberating powers of science and technology In the landmark work *Sorting Things Out* Star and Geoffrey Bowker revealed the social and ethical histories that are deeply embedded in classification systems Star s most celebrated concept was the notion of boundary objects representational forms things or theories that can be shared between different communities with each holding its own understanding of the representation Unfortunately Leigh was unable to complete a work on the poetics of infrastructure that further developed the full range of her work This volume collects articles by Star that set out some of her thinking on boundary objects marginality and infrastructure together with essays by friends and colleagues from a range of disciplines from philosophy of science to organization science that testify to the wide ranging influence of Star s work Contributors Ellen Balka Eevi E Beck Dick Boland Geoffrey C Bowker Janet Ceja Alcal Adele E Clarke Les Gasser James R Griesemer Gail Hornstein John Leslie King Cheris Kramarae Maria Puig de la Bellacasa Karen Ruhleder Kjeld Schmidt Brian Cantwell Smith Susan Leigh Star Anselm L Strauss Jane Summerton Stefan Timmermans Helen Verran Nina Wakeford Jutta Weber

The Container Principle Alexander Klose,2015-02-27 A cultural history of the shipping

container as a crucible of globalization and a cultural paradigm We live in a world organized around the container Standardized twenty and forty foot shipping containers carry material goods across oceans and over land provide shelter office space and storage capacity inspire films novels metaphors and paradigms Today TEU Twenty Foot Equivalent Unit the official measurement for shipping containers has become something like a global currency A container ship sailing under the flag of one country but owned by a corporation headquartered in another carrying auto parts from Japan frozen fish from Vietnam and rubber ducks from China offers a vivid representation of the increasing world is flat globalization of the international economy In *The Container Principle* Alexander Klose investigates the principle of the container and its effect on the way we live and think Klose explores a series of container situations in their historical political and cultural contexts He examines the container as a time capsule sometimes breaking loose and washing up onshore to display an inventory of artifacts of our culture He explains the Matryoshka principle explores the history of land water transport and charts the three phases of container history He examines the rise of logistics the containerization of computing in the form of modularization and standardization the architecture of container like housing citing both Le Corbusier and Malvina Reynolds's *Little Boxes* and a range of artistic projects inspired by containers Containerization spreading from physical storage to organizational metaphors Klose argues signals a change in the fundamental order of thinking and things It has become a principle

Assembling Policy Sebastian Ureta, 2015-11-06 An examination of how human beings are brought into the planning of complex infrastructure projects through analysis of a controversial public transportation project Policymakers are regularly confronted by complaints that ordinary people are left out of the planning and managing of complex infrastructure projects In this book Sebastian Ureta argues that humans both individually and collectively are always at the heart of infrastructure policy the issue is how they are brought into it Ureta develops his argument through the case of Transantiago a massive public transportation project in the city of Santiago proposed in 2000 launched in 2007 and in 2012 called the worst public policy ever implemented in our country by a Chilean government spokesman Ureta examines Transantiago as a policy assemblage formed by an array of heterogeneous elements including crucially human devices or artifacts and practices through which humans were brought into infrastructure planning and implementation Ureta traces the design and operation of Transantiago through four configurations crisis infrastructuration disruption and normalization In the crisis phase humans were enacted both as consumers and as participants in the transformation of Santiago into a world class city but during infrastructuration the active citizen went missing The launch of Transantiago caused huge disruptions in part because users challenged their role as mere consumers and instead enacted unexpected human devices Resisting calls for radical reform policymakers insisted on normalizing Transantiago transforming it into a permanent failing system Drawing on Chile's experience Ureta argues that if we understand policy as a series of heterogeneous assemblages infrastructure policymaking would be more inclusive reflexive and responsible

Paid Bill Maurer, Lana Swartz, 2018-03-16 Stories about objects left in

the wake of transactions from cryptocurrencies to leaf imprinted banknotes to records kept with knotted string Museums are full of the coins notes beads shells stones and other objects people have exchanged for millennia But what about the debris the things that allow a transaction to take place and are left in its wake How would a museum go about curating our scrawls on electronic keypads the receipts wadded in our wallets that vast information infrastructure that runs the card networks This book is a catalog for a museum exhibition that never happened It offers a series of short essays paired with striking images on these often ephemeral invisible or unnoticed transactional objects money stuff Although we've been told for years that we're heading toward total cashlessness payment is increasingly dependent on things Consider for example the dongle a clever gizmo that processes card payments by turning information from a card's magnetic stripe into audio information that can be read by a smart phone's headphone jack Or dogecoin a meme of a smiling bewildered dog's interior monologue that fueled a virtual currency similar to Bitcoin Or go further back and contemplate the paper currency printed with leaves by Benjamin Franklin to foil counterfeiters or khipu Incan records kept in knotted string Paid's authors describe these payment adjacent objects so engagingly that for a moment financial leftovers seem more interesting than finance Paid encourages us to take a moment to look at the nuts and bolts of our everyday transactions by looking at the stuff that surrounds them Contributors Bernardo B tiz Lazo Maria Bezaitis Finn Brunton Lynn H Gamble David Graeber Jane I Guyer Keith Hart Sarah Jeong Alexandra Lippman Julien Mailland Scott Mainwaring Bill Maurer Taylor C Nelms Rachel O Dwyer Michael Palm Lisa Servon David L Stearns Bruce Sterling Lana Swartz Whitney Anne Trettien Gary Urton **Knowledge Machines** Eric T. Meyer, Ralph Schroeder, 2023-05-09 An examination of the ways that digital and networked technologies have fundamentally changed research practices in disciplines from astronomy to literary analysis In Knowledge Machines Eric Meyer and Ralph Schroeder argue that digital technologies have fundamentally changed research practices in the sciences social sciences and humanities Meyer and Schroeder show that digital tools and data used collectively and in distributed mode which they term e research have transformed not just the consumption of knowledge but also the production of knowledge Digital technologies for research are reshaping how knowledge advances in disciplines that range from physics to literary analysis Meyer and Schroeder map the rise of digital research and offer case studies from many fields including biomedicine social science uses of the Web astronomy and large scale textual analysis in the humanities They consider such topics as the challenges of sharing research data and of big data approaches disciplinary differences and new forms of interdisciplinary collaboration the shifting boundaries between researchers and their publics and the ways that digital tools promote openness in science This book considers the transformations of research from a number of perspectives drawing especially on the sociology of science and technology and social informatics It shows that the use of digital tools and data is not just a technical issue it affects research practices collaboration models publishing choices and even the kinds of research and research questions scholars choose to pursue Knowledge Machines examines the nature and implications of these transformations for scholarly

research **Knowledge for Sale** Lawrence Busch, 2023-09-19 How free market fundamentalists have shifted the focus of higher education to competition metrics consumer demand and return on investment and why we should change this A new philosophy of higher education has taken hold in institutions around the world Its supporters disavow the pursuit of knowledge for its own sake and argue that the only knowledge worth pursuing is that with more or less immediate market value Every other kind of learning is downgraded its budget cut In *Knowledge for Sale* Lawrence Busch challenges this market driven approach The rationale for the current thinking Busch explains comes from neoliberal economics which calls for reorganizing society around the needs of the market The market influenced changes to higher education include shifting the cost of education from the state to the individual turning education from a public good to a private good subject to consumer demand redefining higher education as a search for the highest paying job and turning scholarly research into a competition based on metrics including number of citations and value of grants Students administrators and scholars have begun to think of themselves as economic actors rather than seekers of knowledge Arguing for active resistance to this takeover Busch urges us to burst the neoliberal bubble to imagine a future not dictated by the market a future in which there is a more educated citizenry and in which the old dichotomies market and state nature and culture and equality and liberty break down In this future universities value learning and not training scholarship grapples with society's most pressing problems rather than quick fixes for corporate interests and democracy is enriched by its educated and engaged citizens

System Clifford Siskin, 2017-09-08 The role that system has played in the shaping and reshaping of modern knowledge from Galileo and Newton to our own computational universe A system can describe what we see the solar system operate a computer Windows 10 or be made on a page the fourteen engineered lines of a sonnet In this book Clifford Siskin shows that system is best understood as a genre a form that works physically in the world to mediate our efforts to understand it Indeed many Enlightenment authors published works they called system to compete with the essay and the treatise Drawing on the history of system from Galileo's message from the stars and Newton's system of the world to today's computational universe Siskin illuminates the role that the genre of system has played in the shaping and reshaping of modern knowledge Previous engagements with systems have involved making them using them or imagining better ones Siskin offers an innovative perspective by investigating system itself He considers the past and present moving from the system of the world to a world full of systems He traces the turn to system in the seventeenth and eighteenth centuries and describes this primary form of Enlightenment as a mediator of political cultural and social modernity pointing to the moment when people began to blame the system for working both too well you can't beat the system and not well enough it always seems to break down Throughout his touchstones are what system is and how it has changed how it has mediated knowledge and how it has worked in the world

Spam A Shadow History Of The Internet Infrastructures Book Review: Unveiling the Magic of Language

In an electronic era where connections and knowledge reign supreme, the enchanting power of language has been apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is actually remarkable. This extraordinary book, aptly titled "**Spam A Shadow History Of The Internet Infrastructures**," compiled by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we will delve to the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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