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MAGA BRAIN
The Political Economy of the Weapons Industry

Guess Who’s Sleeping With Our Insecurity Blanket?

By Joan Roelofs

For many people the “military-industrial-complex (MIC)” brings to mind the top twenty weapons manufacturers. President Dwight Eisenhower, who warned about it in 1961, wanted to call it the military-industrial-congressional-complex, but decided it was not prudent to do so. Today it might well be called the military-industrial-congressional-almost-everything-complex. Most departments and levels of government, businesses, and also many charities, social service, environmental, and cultural organizations, are deeply embedded with the military.

The weapons industry may be spearheading the military budget and military operations; it is aided immensely by the cheering or silence of citizens and their representatives. Here we will provide some likely reasons for that assent. We will use the common typology of three national sectors: government, business, and nonprofit, with varying amounts of interaction among them. This does not preclude, though it masks somewhat, the proposition that government is the executive of the ruling class.

Every kind of business figures in the Department of Defense (DoD) budget. Lockheed is currently the largest contractor in the weapons business. It connects with the worldwide MIC by sourcing parts, for example, for the F-35 fighter plane, from many countries. This helps a lot to market the weapon, despite its low opinion among military experts as well as anti-military critics. Lockheed also does civilian work, which enhances its aura while it spreads its values.

Other types of businesses have enormous multi-year contracts—in the billions. This despite the constitutional proviso that Congress not appropriate military funds for more than a two year term. Notable are the construction companies, such as Fluor, KBR, Bechtel, and Hensel Phelps. These build huge bases, often with high tech surveillance or operational capacity, in the US and abroad, where they hire locals or commonly, third country nationals to carry out the work. There are also billion-funded contractors in communications technology, intelligence analysis, transportation, logistics, food, and clothing. “Contracting out” is our modern military way; this also spreads its influence far and wide.

Medium, small, and tiny businesses dangle from the “Christmas tree” of the Pentagon, promoting popular cheering or silence on the military budget. These include special set-asides for minority-owned and small businesses. A Black-owned small business, KEPA-TCI (construction), received contracts for $356 million.

Data comes from several sources, available free on the internet: websites, tax forms, and annual reports of organizations; usaspending.gov (USA) and governmentcontractswon.com (GCW).] Major corporations of all types serving our services have been excellently described in Nick Turse’s The Complex. Really small and tiny businesses are drawn into the system: landscapers, dry cleaners, child care centers, and Come-Bye Goose Control of Maryland.

Among the businesses with large DoD contracts are book publishers: McGraw-Hill, Greenwood, Scholastic, Pearson, Houghton Mifflin, Harcourt, Elsevier, and others. Rarely have the biases in this industry, in fiction, nonfiction, and textbook offerings, been examined. Yet the influences on this small but significant population, the reading public, and the larger schooled contingent, may help explain the silence of the literate crowd and college graduates.

Much of what is left of organized industrial labor is in weapons manufacture. Its PACs fund the few “progressive” candidates in our political system, who tend to be silent about war and the threat of nuclear annihilation. Unlike other factories, the armaments makers do not suddenly move overseas, although they do use subcontractors worldwide.
Military spending may be only about 6% of the GDP, yet it has great impact because: 1. it is a growing sector; 2. it is recession-proof; 3. it does not rely on consumer whims; 4. it is the only thing prospering in many areas; and 5. the “multiplier” effect: subcontracting, corporate purchasing, and employee spending perk up the regional economy. It is ideally suited to Keynesian remedies, because of its ready destruction and obsolescence: what isn’t consumed in warfare, rusted out, or donated to our friends still needs to be replaced by the slightly more lethal thing. Many of our science graduates work for the military directly or its contractee labs concocting these.

The military’s unbeatable weapon is jobs, and all members of Congress, and state and local officials, are aware of this. It is where well-paying jobs are found for mechanics, scientists, and engineers; even janitorial workers do well in these taxpayer-rich firms. Weaponry is also important in our manufactured goods exports as our allies are required to have equipment that meets our specifications. Governments, rebels, terrorists, pirates, and gangsters all fancy our high tech and low tech lethal devices.

Our military economy also yields a high return on investments. These benefit not only corporate executives and other rich, but many middle and working class folk, as well as churches, benevolent, and cultural organizations. The lucrative mutual funds offered by Vanguard, Fidelity, and others are heavily invested in the weapons manufacturers.

Individual investors may not know what is in their fund’s portfolios; the institutions usually know. A current project of World Beyond War (https://worldbeyondwar.org/divest) advocates divestment of military stocks in the pension funds of state and local government workers: police, firepersons, teachers, and other civil servants. Researchers are making a state-by-state analysis of these funds. Among the findings are the extensive military stock holdings of CALpers, the California Public Employees Retirement System (the sixth largest pension fund on earth), the California State Teachers Retirement System, the New York State Teachers Retirement System, the New York City Employees Retirement System, and the New York State Common Retirement Fund (state and local employees). Amazing! the New York City teachers were once the proud parents of red diaper babies.

The governmental side of the MIC complex goes far beyond the DoD. In the executive branch, Departments of State, Homeland Security, Energy, Veterans Affairs, Interior; and CIA, AID, FBI, NASA, and other agencies; are permeated with military projects and goals. Even the Department of Agriculture has a joint program with the DoD to “restore” Afghanistan by creating a dairy cattle industry. No matter that the cattle and their feed must be imported, cattle cannot graze in the terrain as the native sheep and goats can, there is no adequate transportation or refrigeration, and the Afghans don’t normally drink milk. The native animals provide yogurt, butter, and wool, and graze on the rugged slopes, but that is all so un-American.

Congress is a firm ally of the military. Campaign contributions from contractor PACs are generous, and lobbying is extensive. So also are the outlays of financial institutions, which are heavily invested in the MIC. Congresspeople have significant shares of weapons industry stocks. To clinch the deal, members of Congress (and also state and local lawmakers) are well aware of the economic importance of military contracts in their states and districts.

Military bases, inside the US as well as worldwide, are an economic hub for communities. The DoD Base Structure Report for Fy2015 lists more than 4,000 domestic properties. Some are bombing ranges or recruiting stations; perhaps 400 are bases with a major impact on their localities. The largest of these, Fort Bragg, NC, is a city unto itself, and a cultural influence as well as economic asset to its region, as so well described by Catherine Lutz in Homefront. California has about 40 bases (https://militarybases.com/by-state/), and is home to major weapons makers as well. Officers generally live off-base, so the real estate, restaurant, retail, auto repair, hotel and other businesses are prospering. Local civilians find employment on bases. Closed, unconvertible installations are sometimes tourist attractions, such as the unlikeliest of all vacation spots, the Hanford Nuclear Reservation.

DoD has direct contracts and grants with state and local governments. These are for various projects and services, including large amounts to fund the National Guard. The Army Engineers maintain swimming
holes and parks, and police forces get a deal on Bearcats. JROTC programs nationwide provide funding for public schools, and even more for those that are public school military academies; six are in Chicago.

National, state and local governments are well covered by the “insecurity blanket;” the nonprofit sector is not neglected. Nevertheless, it does harbor the very small group of anti-war organizations, such as Iraq Veterans Against War, Veterans for Peace, World Beyond War, Peace Action, Union of Concerned Scientists, Center for International Policy, Catholic Worker, Answer Coalition, and others. Yet unlike the Vietnam War period there is no vocal group of religious leaders protesting war, and the few students who are politically active are more concerned with other issues.

Nonprofit organizations and institutions are involved several ways. Some are obviously partners of the MIC: Boy and Girl Scouts, Red Cross, veterans’ charities, military think-tanks such as RAND and Institute for Defense Analysis, establishment think-tanks like the American Enterprise Institute, Atlantic Council, and the flagship of US world projection, the Council on Foreign Relations. There are also many international nongovernmental organizations that assist the US government in delivering “humanitarian” assistance, sing the praises of the market economy, or attempt to repair the “collateral” damage inflicted on lands and people, for example, Mercy Corps, Open Society Institutes, and CARE.

Educational institutions in all sectors are embedded with the military. The military schools include the service academies, National Defense University, Army War College, Naval War College, Air Force Institute of Technology, Air University, Defense Acquisition University, Defense Language Institute, Naval Postgraduate School, Defense Information School, the medical school, Uniformed Services University of the Health Sciences, and the notorious School of the Americas in Fort Benning, GA, now renamed the Western Hemisphere Institute for Security Cooperation. “In addition, Senior Military Colleges offer a combination of higher education with military instruction. SMCs include Texas A&M University, Norwich University, The Virginia Military Institute, The Citadel, Virginia Polytechnic Institute and State University (Virginia Tech), University of North Georgia and the Mary Baldwin Women’s Institute for Leadership” (https://www.usa.gov/military-colleges).

A university doesn’t have to be special to be part of the MIC. Most are awash with contracts, ROTC programs, and/or military officers and contractors on their boards of trustees. A study of the 100 most militarized universities includes prestigious institutions, as well as diploma mills that produce employees for military intelligence agencies and contractors (https://news.vice.com/article/these-are-the-100-most-militarized-universities-in-america).

Major liberal foundations have long engaged in covert and overt operations to support imperial projection, described by David Horowitz as the “Sinews of Empire” in his important 1969 Ramparts article. They have been close associates of the Central Intelligence Agency, and were active in its instigation. The foundation created and supported Council on Foreign Relations has long been a link among Wall Street, large corporations, academia, the media, and our foreign and military policymakers.

Less obvious are the military connections of philanthropic, cultural, social service, environmental, and professional organizations. They are linked through donations; joint programs; sponsorship of events, exhibits, and concerts; awards (both ways); investments; boards of directors; top executives; and contracts. The data here covers approximately the last twenty years, and rounds out the reasons for the astounding support (according to the polls) that US citizens have conferred on our military, its budget, and its operations.

Military contractor philanthropy was the subject of my previous CP reports, in 2006 and 2016. Every type of nonprofit (as well as public schools and universities) received support from the major weapons manufacturers; some findings were outstanding. Minority organizations were extremely well endowed. For many years there was crucial support for the National Association for the Advancement of Colored People (NAACP) from Lockheed; Boeing also funded the Congressional Black Caucus. The former president and CEO of the NAACP, Bruce Gordon, is now on the Board of Trustees of Northrop Grumman.

General Electric is the most generous military contractor philanthropist, with direct grants to organizations and educational institutions, partnerships with both, and matching contributions made by
its thousands of employees. The latter reaches many of the nongovernmental and educational entities throughout the country.


The DoD itself donates surplus property to organizations; among those eligible are Big Brothers/Big Sisters, Boys and Girls Clubs, Boy Scouts, Girl Scouts, Little League Baseball, and United Service Organizations. The Denton Program allows non-governmental organizations to use extra space on U.S. military cargo aircraft to transport humanitarian assistance materials.

There is a multitude of joint programs and sponsorships. Here is a small sample.

The American Association of University Women’s National Tech Savvy Program encourages girls to enter STEM (Science, Technology, Engineering and Math) careers, with sponsorship from Lockheed, BAE Systems, and Boeing. Junior Achievement, sponsored by Bechtel, United Technologies, and others, aims to train children in market-based economics and entrepreneurship. Wolf Trap Foundation for the Performing Arts is partnered with Northrop Grumman for an “early childhood STEM ‘Learning through the Arts’ initiative for pre-K and kindergarten students.” The Bechtel Foundation has two programs for a “sustainable California”—an education program to help “young people develop the knowledge, skills, and character to explore and understand the world,” and an environmental program to promote the “management, stewardship and conservation for the state’s natural resources.”

The NAACP ACT-SO is a “yearlong enrichment program designed to recruit, stimulate, and encourage high academic and cultural achievement among African-American high school students,” with sponsorship from Lockheed Martin and Northrop Grumman et al. The national winners receive financial awards from major corporations, college scholarships, internships, and apprenticeships—in the military industries.

In recent years the weapons makers have become enthusiastic environmentalists. Lockheed was a sponsor of the US Chamber of Commerce Foundation Sustainability Forum in 2013. Northrop Grumman supports Keep America Beautiful, National Public Lands Day, and a partnership with Conservation International and the Arbor Day Foundation (for forest restoration). United Technologies is the founding sponsor of the U.S. Green Building Council Center for Green Schools, and co-creator of the Sustainable Cities Design Academy. Tree Musketeers is a national youth environmental organization partnered by Northrop Grumman and Boeing.

Awards go both ways: industries give awards to nonprofits, and nonprofits awards to military industries and people. United Technologies, for its efforts in response to climate change, was on Climate A list of the Climate Disclosure Project. The Corporate Responsibility Association gave Lockheed position 8 in 2016 in its 100 Best Corporate Citizens List. Points of Light included General Electric and Raytheon in its 2014 list of the 50 Most Community-Minded Companies in America. Harold Koh, the lawyer who as Obama’s advisor defended drone strikes and intervention in Libya, was recently given distinguished visiting professor status by Phi Beta Kappa. In 2017, the Hispanic Association on Corporate Responsibility recognized 34 Young Hispanic Corporate Achievers; 3 were executives in the weapons industry. Elizabeth Amato, an executive at United Technologies, received the YWCA Women Achievers Award.

Despite laborious searching through tax form 990s, it is difficult to discover the specifics of organizations’ investments. Many have substantial ones; in 2006, the American Friends Service Committee had $3.5 million in revenue from investments. Human Rights Watch reported $3.5 million investment income on its 2015 tax form 990, and more than $107 million in endowment funds.

One of the few surveys of nonprofit policies (by Commonfund in 2012) found that only 17% of foundations used environmental, social, and governance (ESG) criteria in their investments. ESG seems to have replaced “socially responsible investing (SRI)” in investment terminology, and it has a somewhat different slant. The most common restriction is the avoidance of companies doing business in regions with conflict risk; the next relates to climate change and carbon emissions; employee diversity is also an
important consideration. Commonfund’s study of charities, social service and cultural organizations reported that 70% of their sample did not consider ESG in their investment policies. Although 61% of religious organizations did employ ESG criteria, only 16% of social service organizations and 3% of cultural organizations did.

Weapon industries are hardly ever mentioned in these reports. Religious organizations sometimes still used the SRI investment screens, but the most common were alcohol, gambling, pornography, and tobacco. The Interfaith Center on Corporate Responsibility, a resource for churches, lists almost 30 issues for investment consideration, including executive compensation, climate change, and opioid crisis, but none concerning weapons or war. The United Church (UCC) advisory, a pioneer in SRI investment policies, does include a screen: only companies should be chosen which have less than 10% revenue from alcohol or gambling, 1% from tobacco, 10% from conventional weapons and 5% from nuclear weapons.

The Art Institute of Chicago states on their website that “[W]ith the fiduciary responsibility to maximize returns on investment consistent with appropriate levels of risk, the Art Institute maintains a strong presumption against divesting for social, moral, or political reasons.” Listed as an associate is Honeywell International, and a major benefactor is the Crown Family (General Dynamics), which recently donated a $2 million endowment for a Professorship in Painting and Drawing.

Nonprofit institutions (as well as individuals and pension funds of all sectors) have heavy investments in the funds of financial companies such as State Street, Vanguard, BlackRock, Fidelity, CREF, and others, which have portfolios rich in military industries (https://worldbeyondwar.org/wp-content/uploads/2016/11/indirect.pdf). These include information technology firms, which, although often regarded as “socially responsible,” are among the major DoD contractors.

In recent years foundations and other large nonprofits, such as universities, have favored investments in hedge funds, real estate, derivatives, and private equity. The Carnegie Endowment, more “transparent” than most, lists such funds on its 2015 tax form 990 (Schedule D Part VII). It is unlikely that Lockheed, Boeing, et al, are among the distressed debt bonanzas, so these institutions may be low on weapons stock. Nevertheless, most of them have firm connections to the MIC through donations, leadership, and/or contracts.

Close association with the military among nonprofit board members and executives works to keep the lid on anti-war activities and expression. The Aspen Institute is a think-tank that has resident experts, and also a policy of convening with activists, such as anti-poverty community leaders. Its Board of Trustees is chaired by James Crown, who is also a director of General Dynamics. Among other board members are Madeleine Albright, Condoleezza Rice, Javier Solana (former Secretary-General of NATO), and former Congresswoman Jane Harman. Harman “received the Defense Department Medal for Distinguished Service in 1998, the CIA Seal Medal in 2007, and the CIA Director’s Award and the National Intelligence Distinguished Public Service Medal in 2011. She is currently a member of the Director of National Intelligence’s Senior Advisory Group, the Trilateral Commission and the Council on Foreign Relations.” Lifetime Aspen Trustees include Lester Crown and Henry Kissinger.

In recent years, the Carnegie Corporation board of trustees included Condoleezza Rice and General Lloyd Austin III (Ret.), Commander of CENTCOM, a leader in the 2003 invasion of Iraq, and also a board member of United Technologies. A former president of Physicians for Peace (not the similarly named well-known group) is Rear Admiral Harold Bernsen, formerly Commander of the US Middle East Force and not a physician.

TIAA, the college teachers’ retirement fund, had a CEO from 1993-2002, John H. Biggs, who was at the same time a director of Boeing. TIAA’s current board of directors includes an associate of a major military research firm, MITRE Corporations, and several members of the Council on Foreign Relations. Its senior executive Vice President, Rahul Merchant, is currently also a director at two information technology firms that have large military contracts: Juniper Networks and AASKI.
The American Association of Retired Persons’ chief lobbyist from 2002-2007, Chris Hansen, had previously served in that capacity at Boeing. The current VP of communications at Northrop Grumman, Lisa Davis, held that position at AARP from 1996-2005.

Board members and CEOs of the major weapons corporations serve on the boards of many nonprofits. Just to indicate the scope, these include the National Fish and Wildlife Foundation, Newman’s Own Foundation, New York Public Library, Carnegie Hall Society, Conservation International, Wolf Trap Foundation, WGBH, Boy Scouts, Newport Festival Foundation, Toys for Tots, STEM organizations, Catalyst, the National Science Center, the US Institute of Peace, and many foundations and universities.

The DoD promotes the employment of retired military officers as board members or CEOs of nonprofits, and several organizations and degree programs further this transition. U.S. Air Force Brigadier General Eden Murrie (Ret.) is now Director of Government Transformation and Agency Partnerships at the nonprofit Partnership for Public Service. She maintains that “[F]ormer military leaders have direct leadership experience and bring talent and integrity that could be applied in a nonprofit organization…” (seniormilitaryintransition.com/tag/eden-murrie/). Given the early retirement age, former military personnel (and reservists) are a natural fit for positions of influence in federal, state, and local governments, school boards, nonprofits, and volunteer work; many are in those places.

Perhaps the coziest relationships under the insecurity blanket are the multitudes of contracts and grants the Department of Defense tenders to the nonprofit world. DoD fiscal reporting is notoriously inaccurate, and there were conflicting accounts between and within the online databases. Nevertheless, even a fuzzy picture gives a good idea of the depth and scope of the coverage.

From the TNC 2016 Annual Report: “The Nature Conservancy is an organization that takes care of people and land, and they look for opportunities to partner. They’re nonpolitical. We need nongovernment organizations like TNC to help mobilize our citizens. They are on the ground. They understand the people, the politics, the partnerships. We need groups like TNC to subsidize what government organizations can’t do” (Mamie Parker, Former Assistant Director, U.S. Fish and Wildlife Service and Arkansas Trustee, The Nature Conservancy).

Among the subsidies going the other way are 44 DoD contracts with TNC totaling several million for the years 2008-2018 (USA). These are for such services as Prairie Habitat Reforestation, $100,000, and Runway and Biosecurity upkeep at Palmyra Atoll, HI, $82,000 (USA). For the years 2000-2016, GCW lists a total of $5,500,000 in TNC’s DoD contracts.

Grants to TNC for specific projects, not clearly different from contracts, were much larger. Each is listed separately (USA); a rough count of the total was more than $150 million. One $55 million grant was for “Army compatible use buffer (acubs) in vicinity of Fort Benning military installation.” Similar grants, the largest, $14 million, were for this service at other bases. Another was for the implementation of Fort Benning army installation’s ecological monitoring plan. Included in the description of these grants was the notice: “Assist State and local governments to mitigate or prevent incompatible civilian land use/activity that is likely to impair the continued operational utility of a Department of Defense (DoD) military installation. Grantees and participating governments are expected to adopt and implement the study recommendations.”

TNC’s Form 990 for 2017 states its investment income as $21 million. It reported government grants of $108.5 million, and government contracts of $9 million. These may include funds from state and local as well as all departments of the federal government. The Department of the Interior, which manages the vast lands used for bombing ranges and live ammunition war games, is another TNC grantor.

Other environmental organizations sustained by DoD contracts are the National Audubon Society ($945,000 for 6 years, GCW), and Point Reyes Bird Observatory ($145,000, 6 years, GCW). USA reports contracts with Stichting Deltares, a Dutch coastal research institute, for $550,000 in 2016, grants to the San Diego Zoo of $367,000, and to the Institute for Wildlife Studies, $1.3 million for shrike monitoring.

Goodwill Industries (training and employing the disabled, ex-offenders, veterans, and homeless people) is an enormous military contractor. Each entity is a separate corporation, based on state or region, and the
total receipt is in the billions. For example, for 2000-2016 (GCW), Goodwill of South Florida had $434 million and Southeastern Wisconsin $906 million in contracts. Goods and services provided include food and logistics support, records processing, army combat pants, custodial, security, mowing, and recycling. Similar organizations working for the DoD include the Jewish Vocational Service and Community Workshop, janitorial services, $12 million over 5 years; Lighthouse for the Blind, $4.5 million, water purification equipment; Ability One; National Institute for the Blind; Pride Industries; and Melwood Horticultural Training Center.

The DoD does not shun the work of Federal Prison Industries, which sells furniture and other products. A government corporation (and thus not a nonprofit), it had half a billion in sales to all federal departments in 2016. Prison labor, Goodwill Industries, and other sheltered-workshop enterprises, along with for-profits employing immigrant workers, teenagers, retirees, and migrant workers (who grow food for the military and the rest of us), reveal the evolving nature of the US working class, and some explanation for its lack of revolutionary fervor, or even mild dissent from the capitalist system.

The well-paid, and truly diverse employees (including executives) of major weapons makers are also not about to construct wooden barricades. Boards of directors in these industries are welcoming to minorities and women. The CEOs of Lockheed and General Dynamics are women, as is the Chief Operating Officer of Northrop Grumman. These success stories reinforce personal aspirations among the have-nots, rather than questioning the system.

Contracts with universities, hospitals, and medical facilities are too numerous to detail here; one that illustrates how far the blanket stretches is with Oxford University, $800,000 for medical research. Professional associations with significant contracts include the Institute of International Education, American Council on Education, American Association of State Colleges and Universities, National Academy of Sciences, Society of Women Engineers, American Indian Science and Engineering Society, American Association of Nurse Anesthetists, Society of Mexican-American Engineers, and U.S. Green Building Council. The Council of State Governments (a nonprofit policy association of officials) received a $193,000 contract for “preparedness” work. Let us hope we are well prepared.

The leaders, staff, members, donors, and volunteers of nonprofit organizations are the kind of people who might have been peace activists, yet so many are smothered into silence under the vast insecurity blanket. In addition to all the direct and indirect beneficiaries of the military establishment, many people with no connection still cheer it on. They have been subject to relentless propaganda for the military and its wars from the government, the print and digital press, TV, movies, sports shows, parades, and computer games—the latter teach children that killing is fun.

The indoctrination goes down easily. It has had a head start in the educational system that glorifies the violent history of the nation. Our schools are full of in-house tutoring, STEM programs, and fun robotics teams personally conducted by employees of the weapons makers. Young children may not understand all the connections, but they tend to remember the logos. The JROTC programs, imparting militaristic values, enroll far more children than the ones who will become future officers. The extremely well-funded recruitment efforts in schools include “fun” simulations of warfare.

There is a worldwide supporting cast for the complex that includes NATO, other alliances, defense ministries, foreign military industries, and bases, but that is a story for another day.

The millions sheltered under our thick and broad blanket, including the enlistees under the prickly part of it, are not to blame. Some people may be thrilled by the idea of death and destruction. However, most are just trying to earn a living, keep their organization or rust belt afloat, or be accepted into polite company. They would prefer constructive work or income from healthy sources. Yet many have been indoctrinated to believe that militarism is normal and necessary. For those who consider change to be essential if life on this planet has a chance at survival, it is important to see all the ways that the military-industrial-congressional almost everything complex is being sustained.

“Free market economy” is a myth. In addition to the huge nonprofit (non-market) sector, government intervention is substantial, not only in the gigantic military, but in agriculture, education, health care,
infrastructure, economic development (!), et al. For the same trillions we could have a national economy that repairs the environment, provides a fine standard of living and cultural opportunities for all, and works for peace on earth. CP

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