

Ik geef meer duiding rond:

- de beweegredenen van Smals om te werken met open source
- de grootte orde van open source die we gebruiken (eigenlijk is de betalende open source maar een klein %)
- de uitdagingen rond open source (oa beveiliging en zoals gebleken door de log4J vulnerability gebruiken grote vendoren zoals vmware, oracle, ... ook open source in hun systemen)
- de nood om goed na te denken over verschillende aspecten van open source (oa de demographics van de contributoren, men spreekt vaak over "community", maar veel zaken worden onderhouden door 1 individu)
- hoe wij open source een plaats willen geven in public cloud om "portability" te garanderen overheen hyperscalers (azure, aws, google, ...)
- hoe de verschillende initiatieven (g-cloud, reuse, EA, ...) eigenlijk geïnspireerd zijn op het concept open source & community
- hoe deze initiatieven een logische opbouw vormen om binnen onze micro-community verder te springen

Open source, a driving force in our digital society, must step into the limelight once more. It's not just about promoting its adoption or principles; understanding its inner workings and the community dynamics is crucial. By harnessing the power of micro-communities, we can fully leverage open source to enhance public sector services. However, open source is currently under continuous threat, requiring a renewed commitment to its protection and advancement.

As a tight-knit public sector family, we must elevate our efforts by reimagining how we engage with open source in a systematic manner. Now is the time to step up our game by forging bonds and building bridges to uphold the principles of openness and community-driven development that lie at the heart of open source.

Let's work together to reimagine and shape a sustainable digital future for the public sector.













Why is Smals interested in open source?

- Alignment with our Vision, Culture, and Mindset
 - Principal values & drivers resonate with how we look at the ICT world
- Quality-driven Community
 - Fostering a quality-driven mindset to ensure operational stability and robustness
- Open standards
 - Adoption of open standards to facilitate longevity and to mitigate vendor lock-in
- Business Continuity Assurance by Embracing 'Free(dom)' technology
 - Utilizing free technology & the freedom to operate
 - Counter 'Machiavellian Licensing Plots' and balance the power of proprietary vendors
- Creative Nexus
 - It is where innovation magic happens





7-zip	Argocd	Docker	Git	InfluxDB	Kibana	
Acm	AsciiDoc	Dokuwiki	Gitea	Inspec	Linux	
ActiveMQ	AWX	Eclipse	GitLab	Java	Log4J	
Alerta	Camel	EclipseLink	Gpg4win	Java Spring Boot	Mattermost	
Angular	СЕРН	ElasticSearch	Grafana	Jenkins	Maven	
Ansible	Checkmk	Emacs	Grafana Loki	JFrog Artifactory	Minio	
Apache	Chef Inspec	Firefox	gVim	JMeter	MySQL	
Apache JMeter	Cloudform	Fluentd	HAProxy	JPA	NEO4J	
Apache Nifi	Curl	Foreman	Hashicorp Consul	Kafka	Netbeans	
Apache Zookeeper	DBeaver	Gatling	Hashicorp Vault	Keepass	NGINX	
lotepad++	OpenFT	OpenSearch	Open Text	Percona	Postgress EDB	
DBS Studio	OpenJDK	OpenStack	Oracle Linux	PHP	Prometheus	
PlantUML	Podman	PostgreSQL (non-EDB)	Python	Red Hat JBoss	Redis	
Rundeck	Sonarqube	Testlink	WSL	Red Hat Linux	Renovate	
atellite	Stolostron	Vaultwarden	Zabbix	Red Hat Openshift	Restic	
ecureID	Symfony	PuTTY	ZAProxy	Red Hat Openstack	Ruby	
elenium	Telegraf	WinSCP	Zend	Red Hat Satellite	React	
Signal	Testkube	Wordpress	Red Hat AMQ	Prometheus Node Exporter	Prometheus AlertManager	

Open source is more often than not invisible













https://access.redhat.com/security/data/sbom/beta/spdx/



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https://arstechnica.com/security/2024/02/github-besieged-by-millions-of-malicious-repositories-inongoing-attack/



https://www.infoworld.com/article/3712685/is-ai-making-our-code-stupid.html

https://www.wired.com/story/fast-forward-power-danger-ai-generated-code/

https://www.mckinsey.com/capabilities/mckinsey-digital/our-insights/unleashing-developerproductivity-with-generative-ai







Open source is and remains a Strategic Asset







How to An An Th An	maximize potential public cloud "value" J minimize potential public cloud "disvalue" for your organization? s (dis)value depends heavily on your specific situation important multi-dimensional exercise of ICT maturity
• We thi	nk believe hope open standards will bring us 99% of portability (off premise)
• Or	at least more than 0%
• Clo	ud Portability comes with a cost however and it limits your options
• Re	quires careful consideration
We do	pelieve it paves the way to step up the operational stability / quality
• Go	ing public cloud means you need to get your act together – are you ready?
• It v	vill be beneficial for the on premise maturity as well
• Hybrid	Cloud increases complexity
• Op	timizing your on premise installation for efficiency and effectiveness is a different beast
• Teo	hnology evolution/delivery models are often optimized for a public cloud model and a profit-driven industry
• Exa	imple: Vertical scaling (in the datacenter) versus Horizontal scaling (of the software)
• Go	Ing public cloud means you need to get your act together – are you ready?
• It v	ill be beneficial for the on premise maturity as well
• Hybrid	Cloud increases complexity
• Op	timizing your on premise installation for efficiency and effectiveness is a different beast
• Teo	hnology evolution/delivery models are often optimized for a public cloud model and a profit-driven indu
• Exa	imple: Vertical scaling (in the datacenter) versus Horizontal scaling (of the software)

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No suthware platform for soust makers Q No - Home Catalogue Parthers Contact Verken de Software ReUse Catalogue Smals en haar leden streven naar hergebruik van software-onderdelen en het herbruikbaar maken van nieuwe ontwikkelingen. Deze catalogues bevat een overzicht van bestaande herbruikbare componenten.	
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Some Principal values & drivers of Smals

- Sustainable ICT solutions and services
- Community empowerment
- Collaborative innovation
- Overarching "enterprise" architecture vision for public sector ICT
- Quality driven with a particular focus on business continuity and security
- · Data ethics and data protection as a fundamental cornerstone in our approach
- Digital inclusion and citizen-centricity as the default
- · Cost-Conscious and lean mindset to maximize value for our community ...

 \rightarrow Synergetic, giving rise to a whole that is greater than the simple sum of its parts OPEN SOURCE MINDSET

APPROVED

- \rightarrow Enabler, ensuring indirect positive benefits for society
- \rightarrow Invisible, leaving the spotlight to our members

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Key takeaway	ys	OPEN (24) ENTERPRISE OPEN SOURCE
 Open source is the invisible e We must focus on making it vi Not only to promote it, but als 	n gine of our digital society isible again so to know what's inside our trusted engine	
 Micro-communities can make We must tap into the collec It's about building bridges We are all part of the public 	e a difference tive intelligence of the public sector comm c sector family: Together we stand strong	nunity to deliver better services to citizens (er)
 Open source is more than It's about building a culture It's about building a method With great freedom comes 	n just software of openness, collaboration, and trust dological approach covering all aspects th great responsibility	nat keep us awake
 Join existing communitie Reimagine open source i Ensure that trust in open Make a future of XaaS sus Install a structural, method 	 s, create new ones - every type o in the broadest sense source and the public sector does stainable for the public sector by public sector by	f contribution matters sn't dwindle ushing open services and open cloud ctor to embed open source in our digital

