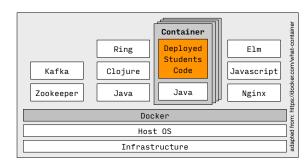
VIRTUALISIERTE ARBEITSUMGEBUNG FÜR DEN TEST VERTEILTER SYSTEME

Microservice-Architektur mit Docker, Kafka, Clojure & Elm

21. Juni 2017

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GLIEDERUNG

- 1. Kontext
- 2. Docker
- 3. Inspiration
- 4. "VAR-Tool"
- 5. Ausblick



BISHERIGER ABLAUF

ANFORDERUNGEN

ERHOFFTE VORTEILE



DESCRIPTION

CONTAINER

DOCKER-COMPOSE

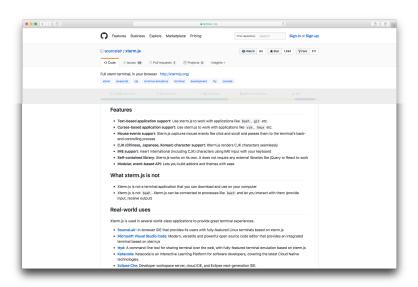


TMUX PANES

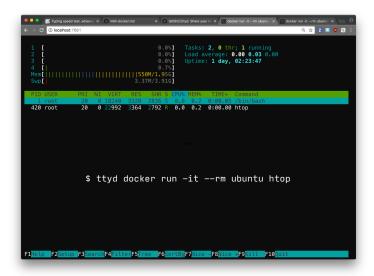
```
jan-mbp2:docker-var jank ls -la
                                                                                                             | L- tokenize-arg-string.js
                                                                                                             -- node_modules
drwxr-xr-x 13 jan staff 442 May 29 12:27 .
                                                                                                             L- cametosse
drwxr-xr-x 20 jan staff 680 Jun 5 21:53 ...
                                                                                                                   In Inter-Is
-rw-r--r-8 1 (an staff 8195 Jun 19 28145 .05 Store
drwxr-xr-x 17 ian staff 578 Jun 19 21:27 .git
                                                                                                                    I-- package, Ison
-rw-r--r-- 1 jan staff 2076 Apr 10 16:47 .gitignore
                                                                                                                    L-- readne, nd
-rw-r--r-- 1 jan staff 104 May 26 19:53 .gitmodules
                                                                                                             L-- package.json
-rw-r--r- 1 ian staff 1075 Apr 10 16:46 LICENSE
                                                                                                     I -- peckage, ison
-rw-r--r- 1 ian staff 25 May 8 22:11 REAGNE.md
                                                                                                     | -- public
drwxr-xr-x 12 ian staff 488 Jun 19 21:27 client
                                                                                                     | I-- css
-rw-r--r- 1 jan staff 1271 May 26 19:53 docker-compose.yml
                                                                                                     - app.css
drwxr-xr-x 15 jan staff 510 May 26 19:53 docker-master
                                                                                                     L-- app.css.map
drwxr-xr-x 8 jan staff 272 Jun 19 19:41 docs
                                                                                                     - index.html
drwxr-xr-x 10 jan staff 340 May 26 19:33 kafka-websocket
                                                                                                     Last ja
jan-mbp2:docker-var jan5 4
                                                                                                             |-- app.js
                                                                                                             L- app.js.map
                                                                                                     1269 directories, 6702 files
                                                                                                     | 1an-mbg2:docker-var 1an9
ien-mbg2:docker-ver ien5
                                                                                                           ./bootstrap.sh && \
                                                                                                          make install && \
                                                                                                     cd .. && rm -rf kafkacat
                                                                                                     # && AUTO_AGDED_PACKAGES='apt-mark showauto' && \
                                                                                                     # apt-get remove --purge -y $BUILD_PACKAGES $AUTO_ADDED_PACKAGES && \
                                                                                                           * rm -rf /var/lib/apt/lists/* /tmp/* /var/tmp/*
                                                                                                     | RUN midir -p /usr/src/app
                                                                                                     |WORKDIR /usr/src/aco
                                                                                                     I stolure app
                                                                                                     I# COPY project.cli /uar/arc/app/
                                                                                                     I# run lein deps
                                                                                                     |# copy . /usr/src/app
                                                                                                     # RUN mv "S(lein uberjar | sed -n 's/"Created \(.*standalone\.jar\)/\1/p')" app-standalone.jar
                                                                                                     | # ENTRYPOINT ["kafkscat"]
                                                                                                     |# CMD ("java", "-jar", "app-standalone.jar")
                                                                                                     IDED is the I kefkeret th kefke to locations
                                                                                                     Lian-abazı docker-yar ilans
```

CLOUD-IDES

XTERM.JS





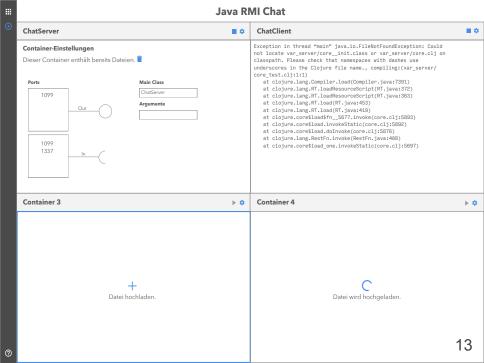




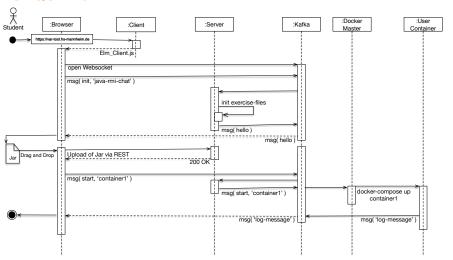




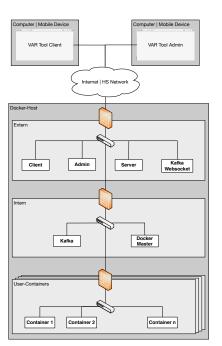




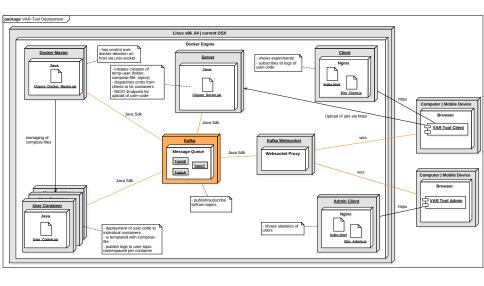
SEQUENCE



NETWORK



DEPLOYMENT



COMPOSE-FILE



AUSBLICK

FIN

Danke für die Aufmerksamkeit. – Fragen?