ovido
open source solutions

BPView

a universal Business Process View UI
and Business Process Manager

http://github.com/ovido/BPView

BPView: Overview

A universal Business Process View UI for different Monitoring Environments

Nagios, Icinga, Opsview, MonIT, Hyperic, MSCOM, Zabbix, OpenNMS, Munin, BMC, Tivoli, and more …

Including:

- Business Process Status-View (Dashboards)
- BP Config Writer for some Monitoring-Tools
- Business Process Editor

BPView: Roadmap

Stage 1

- Perl Core
- JavaScript Core
- YAML Config Base
- Dashboard
- rpm Package-Builder
- Support for
  - Nagios
  - Icinga
  - BP-Addon API
  - IDO / NDO Utils

Finished 99%

Stage 2

- Business Process Style Format
- BP-Addon Config Writer
- Nagios / Icinga Config Writer
- deb Package Builder
- Support for
  - BP-Addon
  - IDO / NDO Utils
  - Opsview
  - Merlin
  - mk_lifestatus

Finished 70%

Stage 3

- Embedded Business Process Monitoring Instance
- Business Process Creator and Editor
  - generate BPs by Groups
  - get Services from the Monitoring directly
  - Auth via AD / LDAP
  - Support for
    - MonIT

Finished 5%

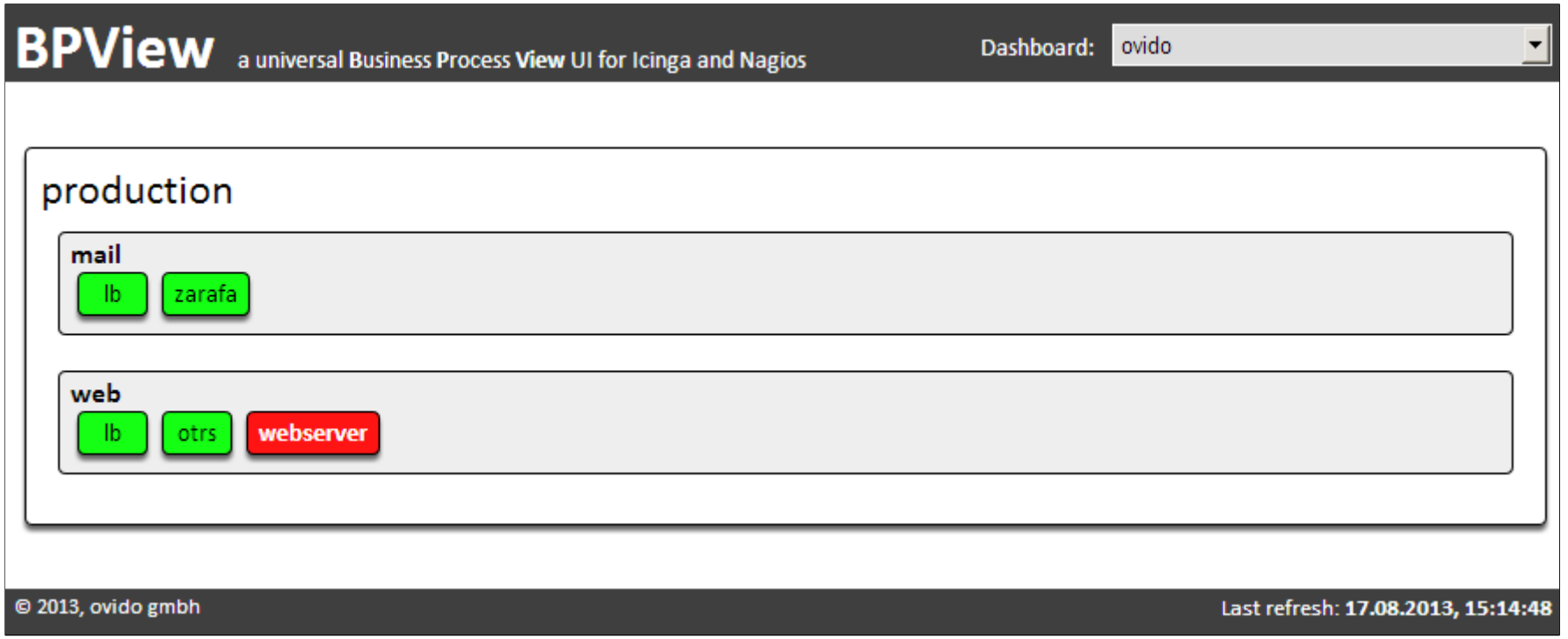
Stage 4

- Business Process Creator and Editor Enhancement
- Support for
  - Microsoft System Center Ops Mgr.
  - Hyperic
  - Zabbix
  - OpenNMS
  - Munin
  - BMC
  - Tivoli

Finished 0%

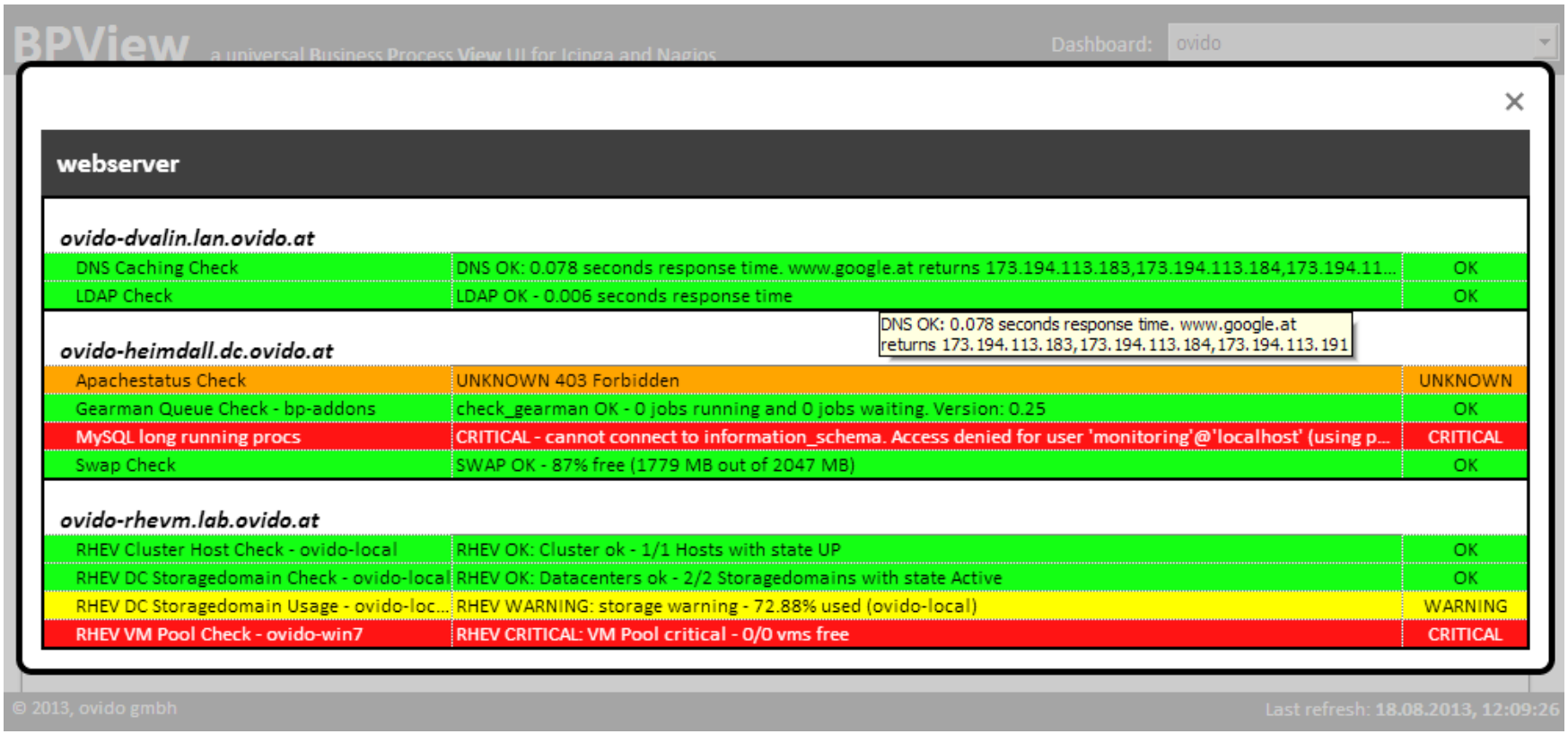
BPView: Dashboard 1

- Fast and simple aggregation view for a business case
- Multiple Levels for Environments, Teams, Products and Business cases



BPView: Dashboard 2

- Detail View for any business case or product
- Service State directly from one or more monitoring daemons



BPView: Config Writer

- YML based Business Processes Products
- Config generation
  - for any monitoring involved tool such as Nagios, Icinga, BP-Addon and more
- Config Checker and Deployment

```
define service {
  use                 bpview-detail-service
  service_description  env-topic-product_and
  check_command       check_bp_status!env-topic-product_and!bpview.conf
}
```

```
# BP-Definition:  The Name
# BP-Description: This BP is my favorite sample
#+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
env-topic-product_min = 1 of: env-topic-prod2;env-topic-prod2 + env-topic-prod;
env-topic-prod + host-nr1;service_nr3 + host-nr1;service_nr1 + host-nr1;service_nr2
display 0;env-topic-product_min;The Name
```

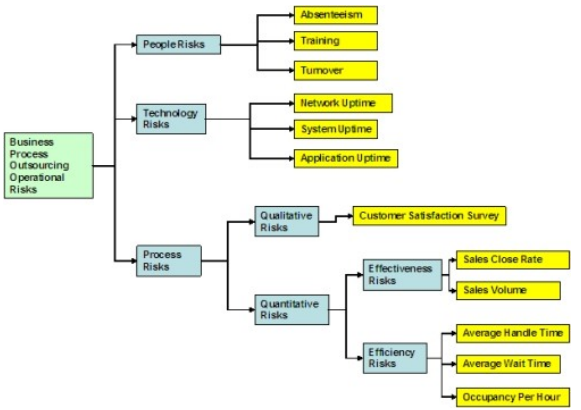
env-topic-product_min.yml

```yaml
env-topic-product_min:
  BP:
    NAME: "The Name"
    DESC: "This BP is my favorite sample"
    TYPE: min
    DISP: 0
    MIND: 1
  HOSTS:
    host-nr1:
      service_nr1:
      service_nr2:
      service_nr3:
    BPROC:
      env-topic-prod:
      env-topic-prod2:
```

BPView: Business Process Editor

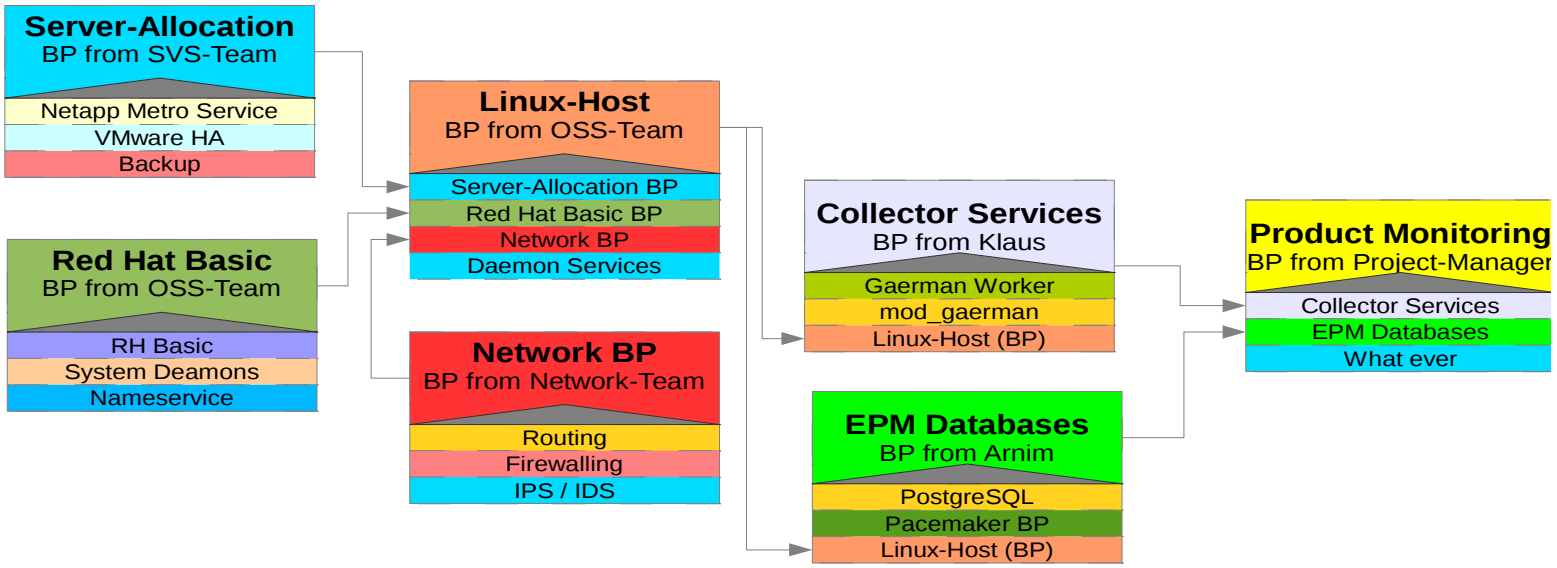
Upcomming feature

- Create and edit your business processes and products
- Multi-Level BP's
- Proceeds Services from one or more monitoring systems directly
- Servicechecks from different Systems useable in one BP
- AND, OR, and MIN correlations
- Authentification via AD or LDAP
- Group / Team based
- Extensive Right-Management for Groups and Users (Stage 4)



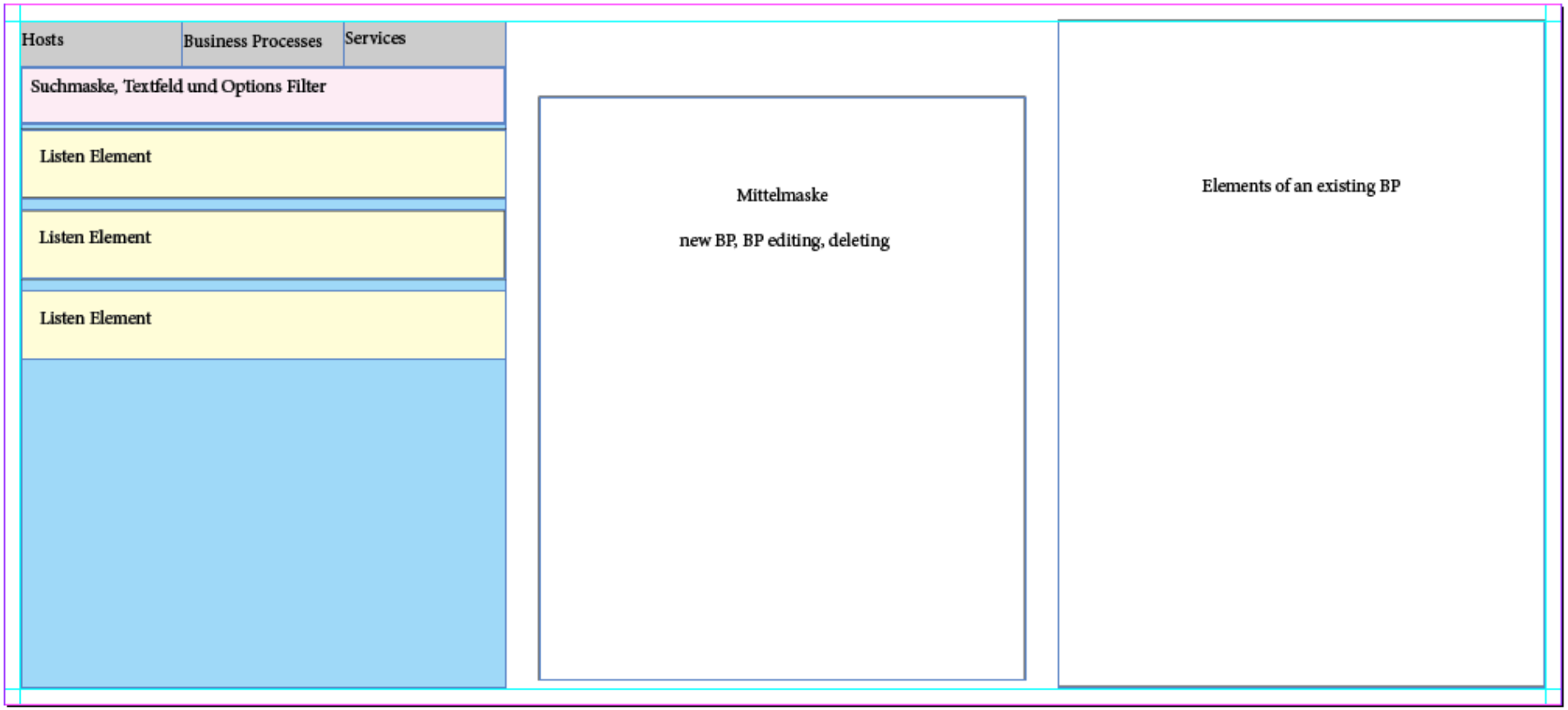
BPView: Business Process Editor

Upcomming feature



BPView: Business Process Editor

Upcomming feature



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Thank you