

COMPOSER STATUS QUO / VISION FOR THE FUTURE



WHO?

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OXID core developer for 3 years

COMPOSER AND CURRENT SITUATION



OXID ESHOP 4.9/5.2 - 4.10/5.3

```
.
├── source
│   ├── ...
│   ├── composer.json <--- For eShop development dependencies
│   └── modules
│       ├── composer.json <--- For runtime module dependencies
│       └── ...
```

OXID ESHOP MASTER BRANCH (FUTURE V6.0)

```
.
├── composer.json <--- For eShop runtime dependencies
├── source
│   ├── ...
│   └── modules
│       ├── composer.json <--- For runtime module dependencies
│       └── ...
```

SOLVED ISSUES

- Easy to add third party dependencies
- ...

WE WANT MORE!



MANAGE ESHOP, MODULES, THEMES VIA COMPOSER

PROBLEMS WHICH WOULD BE SOLVED

- Easy installation of the eShop/Modules/Themes
- Easy to update eShop/Modules/Themes
- Less custom tools for packaging



...BUT WE HAVE SOME ISSUES?

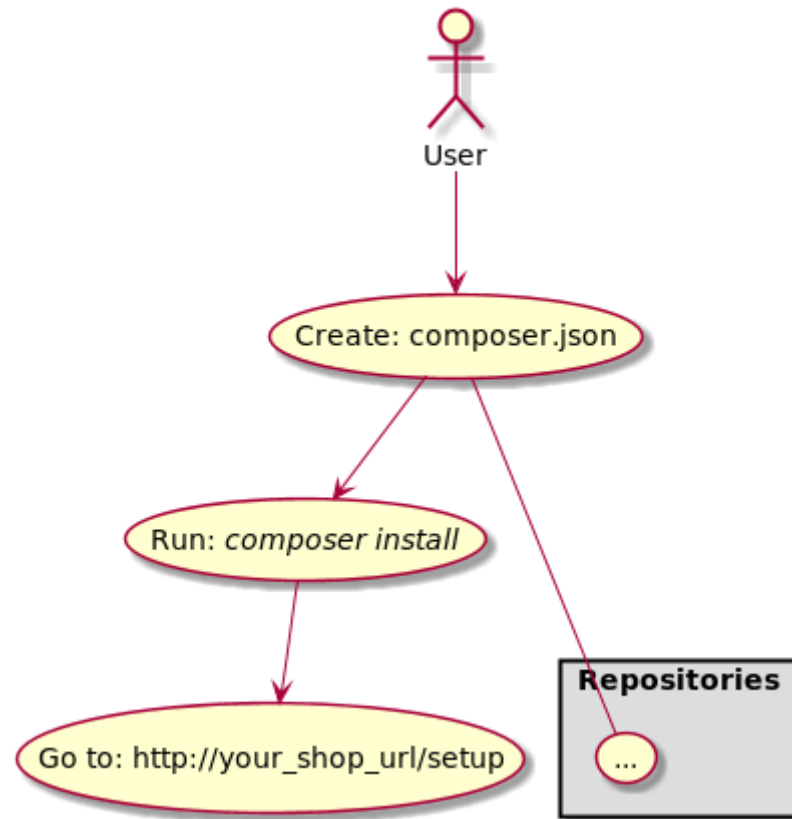
- Project developers must be able to change some eShop files
- Vendor directory usually stays not in document root
- Access points
- Modules/Themes should be in specific directory

...AND THERE IS A SOLUTION
OXID ESHOP COMPOSER PLUGIN

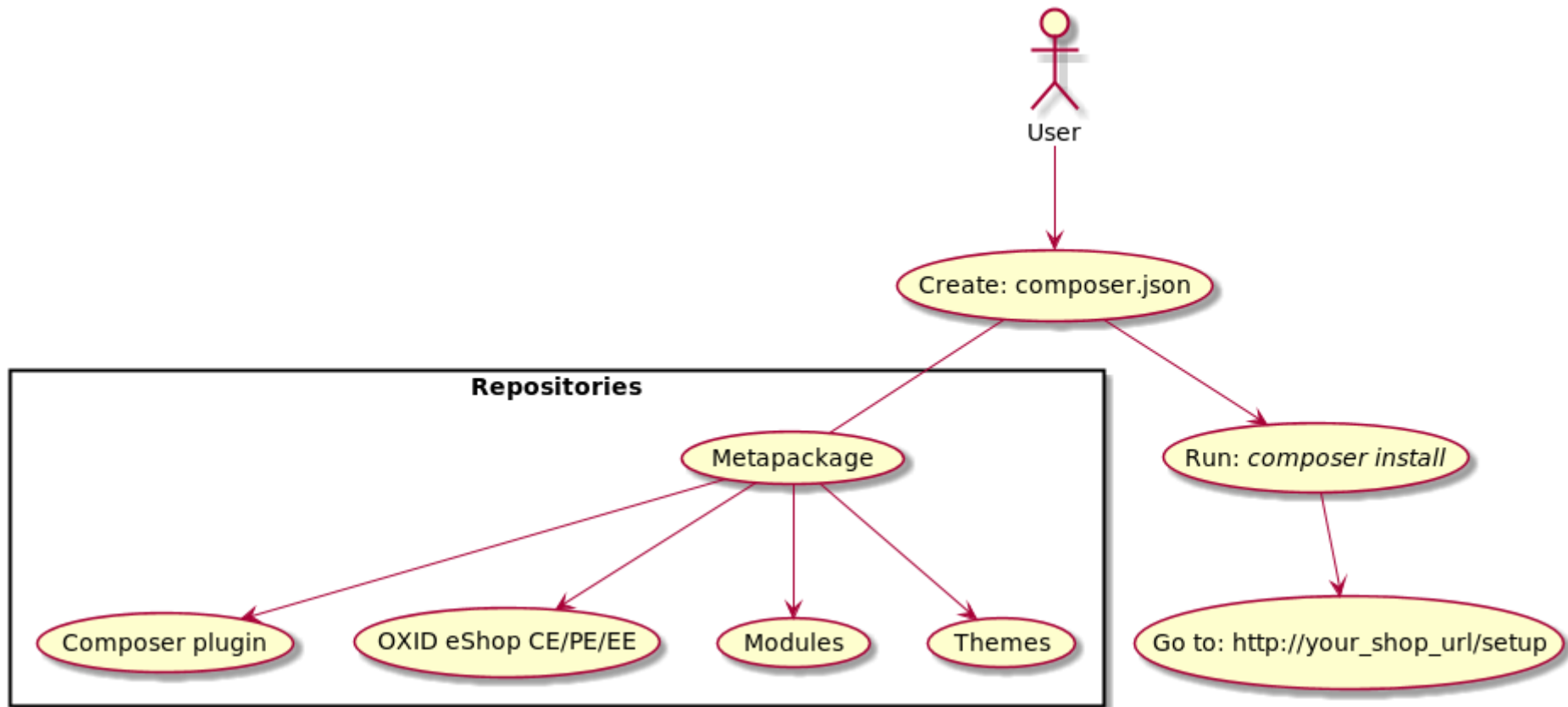
OXID COMPOSER PLUGIN TASKS

- Create project
- Update project
- Add modules/themes as project dependencies
- Any other custom task

ESHOP INSTALLATION PROCESS



COMPOSER.JSON FILE

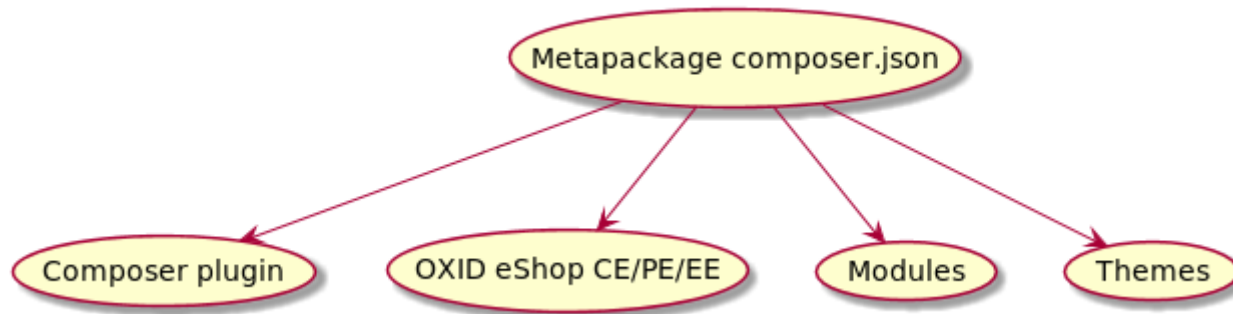


COMPOSER.JSON FILE

```
{  
  "name": "vendor-name/oxideshop-compilation",  
  "type": "project",  
  "minimum-stability": "dev",  
  "prefer-stable": true,  
  "require": {  
    "oxid-esales/oxideshop-metapackage-ce": "1.0.0" // same with PE/EE  
    // Other custom requirements...  
  }  
}
```

OXIDESHOP-METAPACKAGE

```
"require": {  
  "oxid-esales/oxideshop-composer-plugin": "1.0.0",  
  "oxid-esales/oxideshop-ce": "6.0.0",  
  "oxid-esales/flow-theme": "1.0.1",  
  "oxid-esales/paypal-module": "3.2.4",  
  "oxid-esales/paymorrow-module": "1.0.1",  
}
```



TYPES AND PARAMETERS

```
{  
  "type": "oxideshop",  
}
```

```
{  
  "type": "oxideshop-theme",  
  "extra": {  
    "oxideshop": {  
      "target-directory": "flow",  
      "assets-directory": "out/flow"  
    }  
  }  
}
```

```
{  
  "type": "oxideshop-module",  
  "extra": {  
    "oxideshop": {  
      "target-directory": "oe/oepaypal"  
    }  
  }  
}
```

DOCUMENTATION

- <http://oxid-eshop-developer-documentation.readthedocs.io/en/latest/>

WHAT'S ALREADY DONE?

VIDEO

WHAT'S LEFT

- eShop update
- Modules/themes update
- Private repositories

QUESTIONS? SUGGESTIONS?

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