

ORACLE®

3 Técnicas para provisionamento de ambiente de testes que vão turbinar seu projeto

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Oracle
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Safe Harbor Statement

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```
    } else {  
        if ((z.r >= 0.0) && (z.i >= 0.0)) {  
            c.r = z.r;  
            c.i = z.i;  
        } else {  
            c.r = -z.r;  
            c.i = -z.i;  
        }  
    }  
    return c;  
}  
fcomplex Cmult(fcomplex a, fcomplex b)  
{  
    fcomplex c;  
    float t1, t2;  
    if (a.r == 0.0) {  
        if (b.r == 0.0) {  
            c.r = 0.0;  
            c.i = 0.0;  
        } else {  
            c.r = b.r;  
            c.i = 0.0;  
        }  
    } else {  
        if (b.r == 0.0) {  
            c.r = 0.0;  
            c.i = b.i;  
        } else {  
            t1 = a.r * b.r;  
            t2 = a.i * b.i;  
            c.r = t1 - t2;  
            c.i = (a.r + a.i) * (b.r + b.i) - (t1 + t2);  
        }  
    }  
    return c;  
}  
fcomplex Csqrt(fcomplex z)  
{  
    fcomplex c;  
    float w;  
    if ((z.r == 0.0) && (z.i == 0.0)) {  
        c.r = 0.0;  
        c.i = 0.0;  
    } else {  
        float s = sqrt((sqrt(z.r + z.i) * z.r + z.i * z.i) / (2.0));  
        if (z.r >= 0.0) {  
            c.r = s;  
            c.i = z.i / (2.0 * s);  
        } else {  
            c.r = -s;  
            c.i = z.i / (2.0 * s);  
        }  
    }  
    return c;  
}  
fcomplex Rcmul(float x, fcomplex a)  
{  
    fcomplex c;  
    if ((z.r == 0.0) && (z.i == 0.0)) {  
        c.r = 0.0;  
        c.i = 0.0;  
    } else {  
        c.r = x * a.r;  
        c.i = x * a.i;  
    }  
    return c;  
}  
fcomplex Conjg(fcomplex z)  
{  
    fcomplex c;  
    if ((z.r == 0.0) && (z.i == 0.0)) {  
        c.r = 0.0;  
        c.i = 0.0;  
    } else {  
        c.r = z.r;  
        c.i = -z.i;  
    }  
    return c;  
}  
fcomplex Cdiv(fcomplex a, fcomplex b)  
{  
    fcomplex c;  
    float t1, t2;  
    if (a.r == 0.0) {  
        if (b.r == 0.0) {  
            c.r = 0.0;  
            c.i = 0.0;  
        } else {  
            c.r = a.i / b.r;  
            c.i = 0.0;  
        }  
    } else {  
        if (b.r == 0.0) {  
            c.r = 0.0;  
            c.i = b.i / a.r;  
        } else {  
            t1 = a.r * b.r;  
            t2 = a.i * b.i;  
            c.r = (t1 + t2) / (t1 - t2);  
            c.i = (a.r * b.i - a.i * b.r) / (t1 - t2);  
        }  
    }  
    return c;  
}
```



Funcionou na minha máquina...



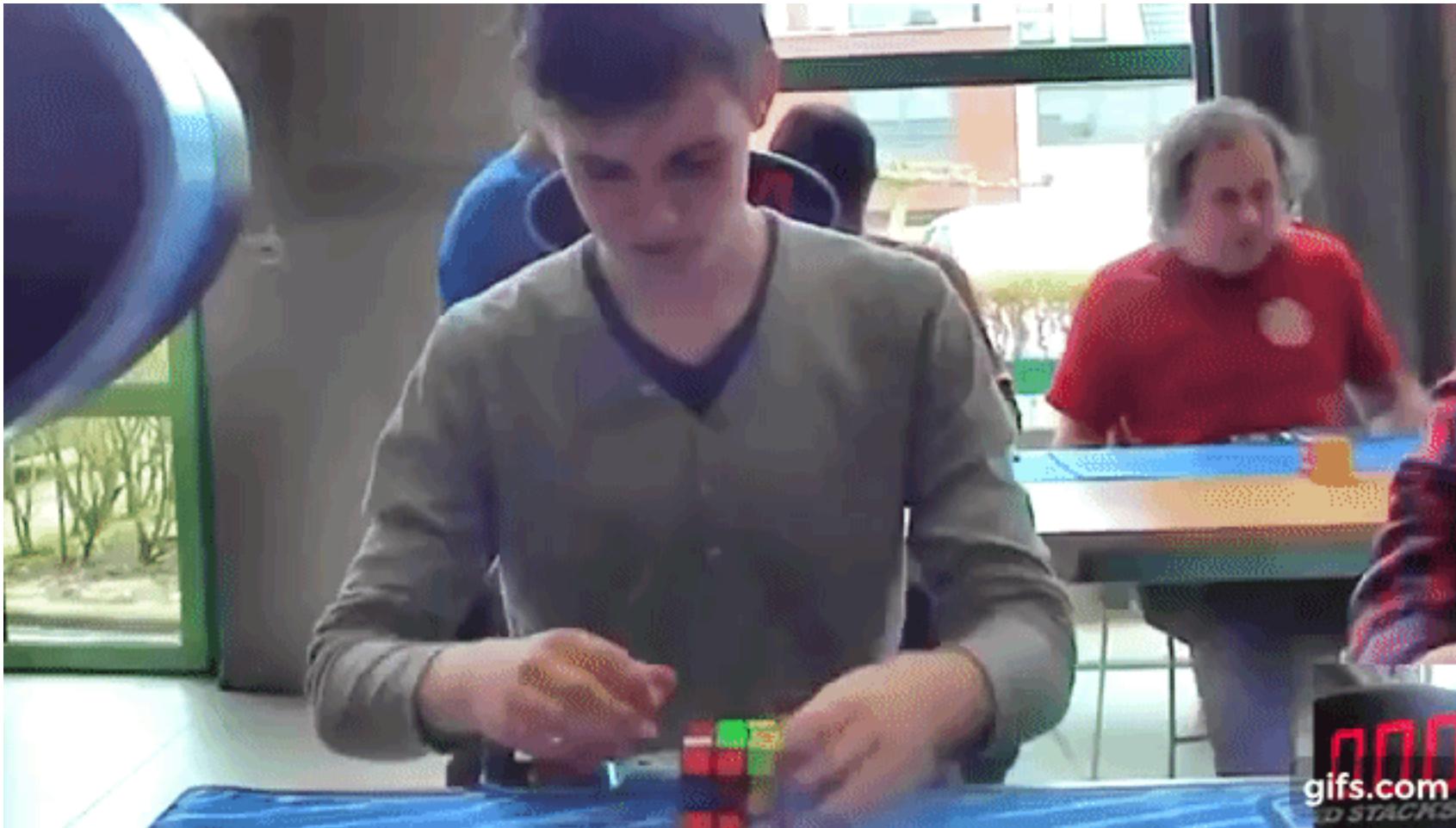


Ambiente



Ambiente

Vamos falar sobre...

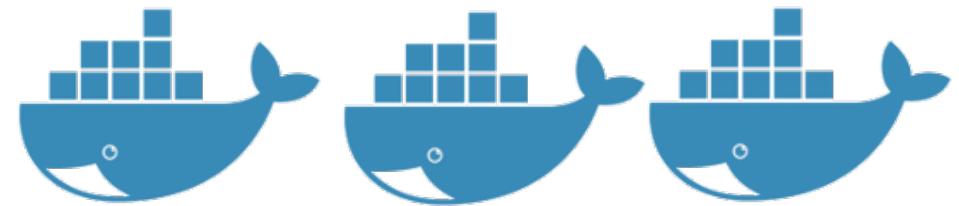
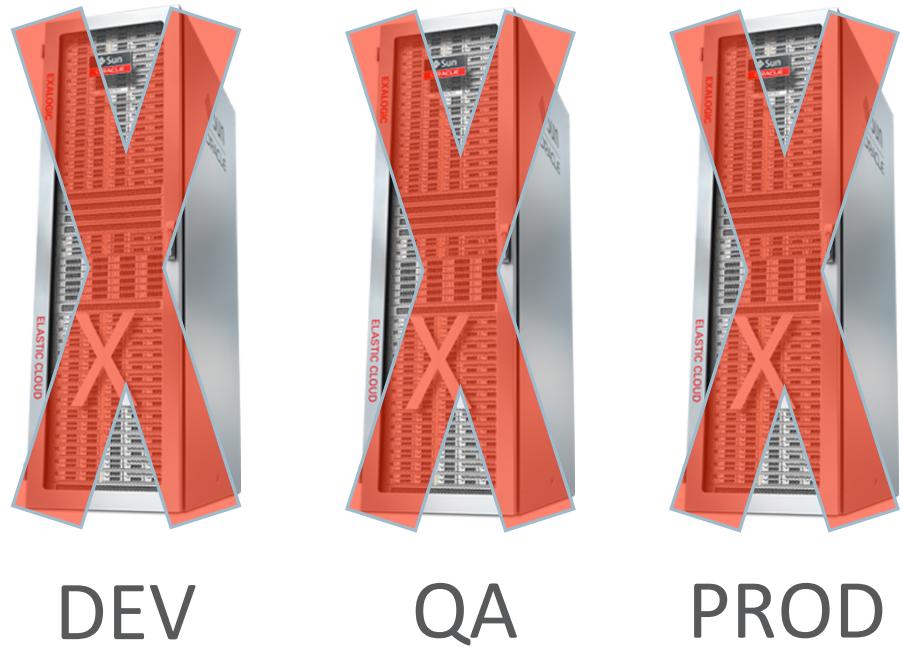


Técnica

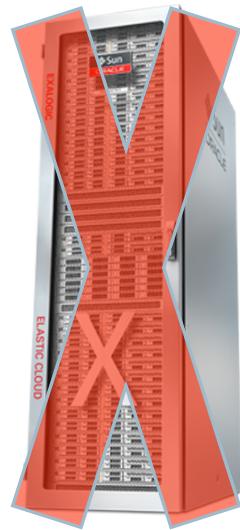
Técnica 1 - Containers



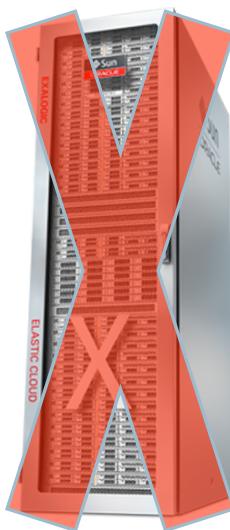
Técnica 1 - Containers



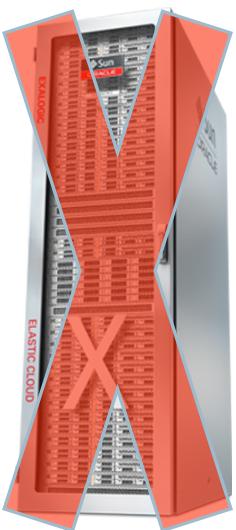
Técnica 1 - Containers



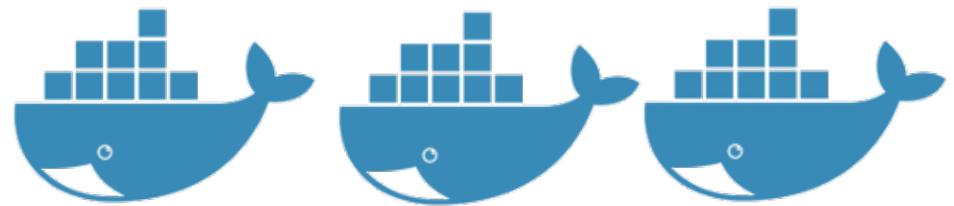
V1



V2



V3

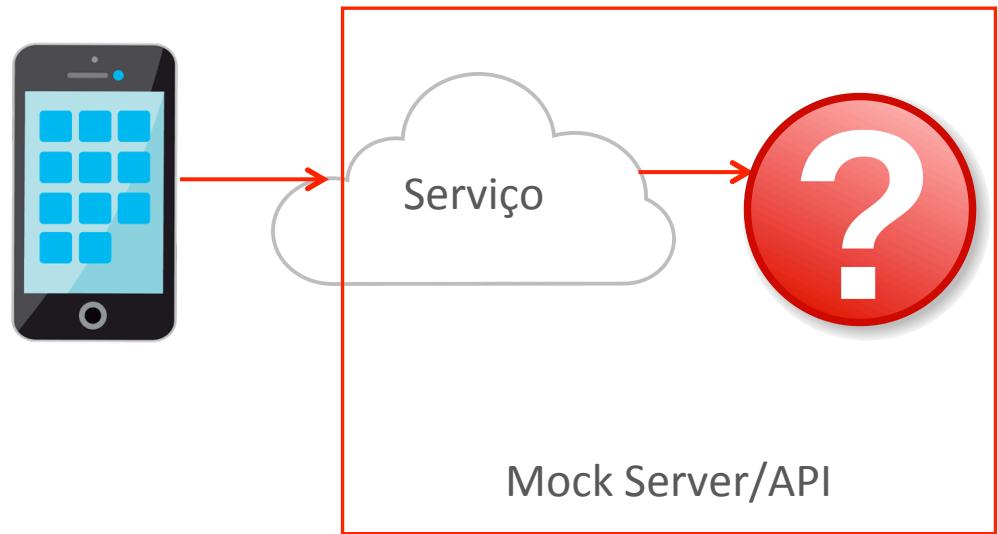
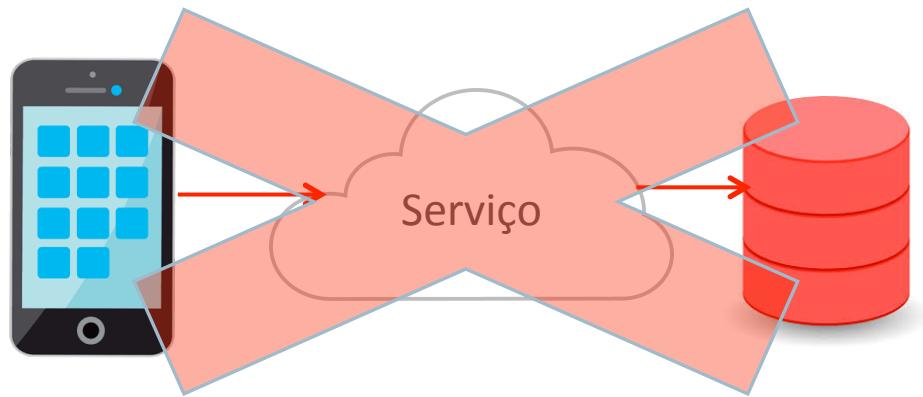


V1

V2

V3

Técnica 2 – Service Mock



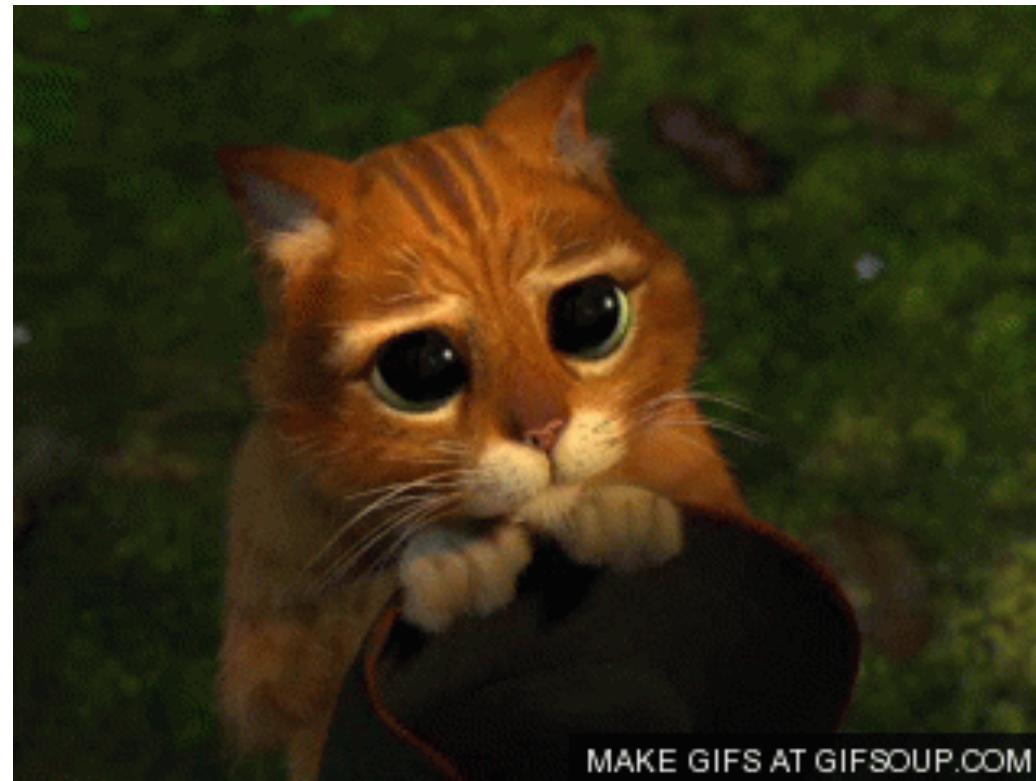
Técnica 2 – Service Mock

- **Perfeito para Microservices**
- **Ideal para testes unitários**
- **“Massa de dados” estável**
- **Funciona com containers**
- **Ver Wiremock (<http://wiremock.org>)**

Técnica 3 – UI

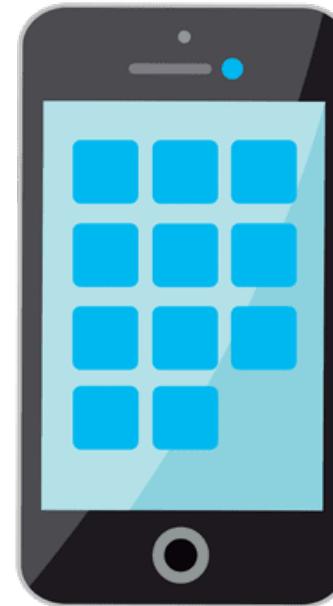
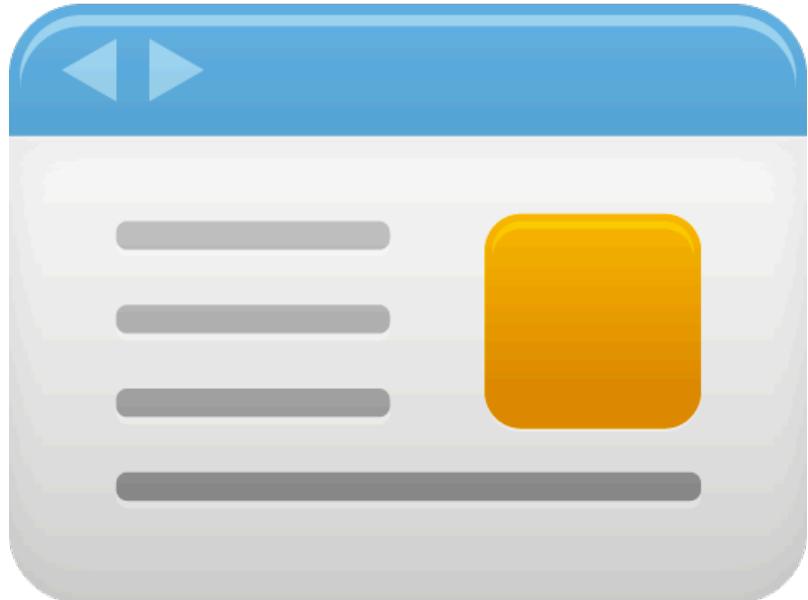
Testa a UI...

...por favor

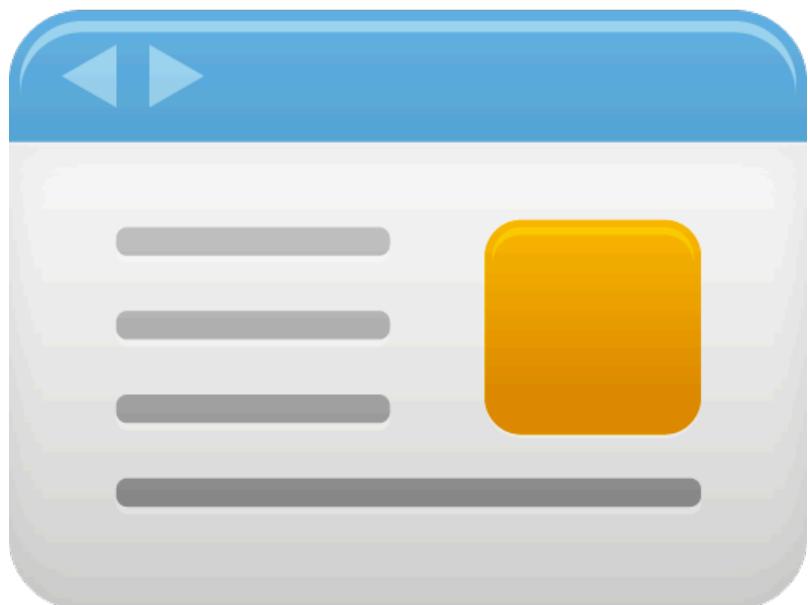


MAKE GIFS AT GIFSOUP.COM

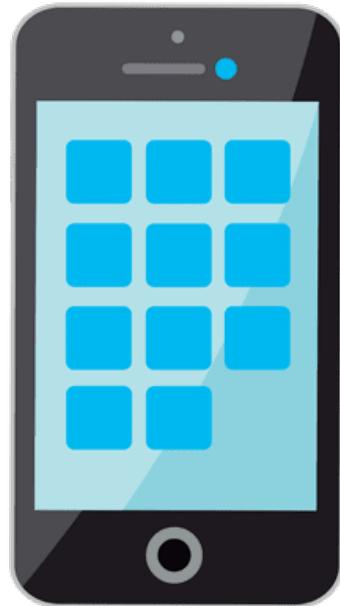
Técnica 3 – UI



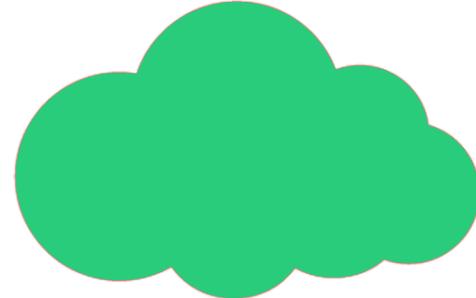
Técnica 3 – UI



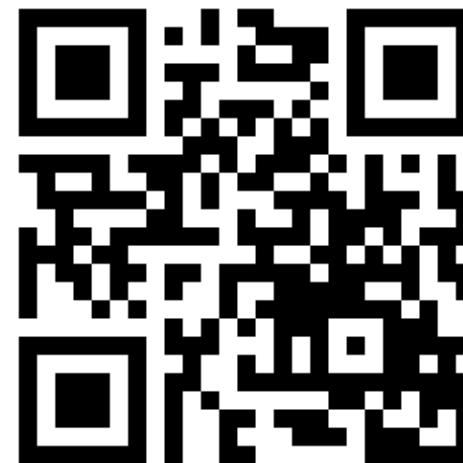
Técnica 3 – UI



Device Farm



Comunidade.Cloud



<http://comunidade.cloud>

Elder Moraes

Foreword by:

Ed Burns

Consulting Member of Technical Staff at Oracle
Specification Lead of JSF and Servlets

Java EE 8 Cookbook

Build reliable applications with the most robust and mature
technology for enterprise development



Packt

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