

JBook - Shadowing  
Source folder: "src/main/java"  
Main package: "br.com.infowaypi.jbook."

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|--------------------------------|
| Actual package: "autenticacao" |
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Java file: Autenticador.java

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```
package br.com.infowaypi.jbook.autenticacao;

public class Autenticador {

    private static final ThreadLocal<UsuarioInterface> threadUsuario = new ThreadLocal<UsuarioInterface>();

    public Autenticador() {
    }

    public UsuarioInterface getUsuario() {
        return threadUsuario.get();
    }

    public String[] getRoles(String login, String senha) throws Exception {
        if (Utils.isStringVazia(senha)) {
            return null;
        }
        UsuarioInterface usuario = buscaUsuario(login);
        if (usuario != null && usuario.autentica(senha)) {
            threadUsuario.set(usuario);
            return new String[] { usuario.getRole() };
        }
        return null;
    }

    public Usuario buscaUsuario(String login) {
        SearchAgent sa = new SearchAgent();
        sa.addParameter(new Equals("login", login));
        return sa.uniqueResult(Usuario.class);
    }
}
```

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Java file: UsuarioInterface.java

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```
package br.com.infowaypi.jbook.autenticacao;

public interface UsuarioInterface extends Serializable, Comparable<UsuarioInterface> {

    public static final String ATIVO = "A";
    public static final String CANCELADO = "C";

    public abstract Boolean validate() throws ValidateException;

    public abstract Long getIdUsuario();

    public abstract void setIdUsuario(Long idUsuario);

    public abstract String getNome();

    public abstract void setNome(String nome);

    public abstract String getEmail();

    public abstract void setEmail(String email);

    public abstract String getLogin();

    public abstract void setLogin(String login);

    public abstract String getSenha();

    public abstract void setSenha(String senha);

    public abstract String getStatus();

    public abstract void setStatus(String status);

    public String getNovaSenhaConfirmacao();

    public abstract void setNovaSenhaConfirmacao(String novaSenhaConfirmacao);
}
```

```
public String getNovaSenhaDigitada();

public abstract void setNovaSenhaDigitada(String novaSenhaDigitada);

public abstract String getRole();

public abstract void setRole(String role);

public abstract boolean isPossuiRole(String... roles);

public abstract boolean autentica(String senha);

public void tocarObjetos();

}
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Actual package: "config"
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Java file:  Config.java
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package br.com.infowaypi.jbook.config;

public class Config {

    public static String aplicacionPath = currentPath();

    public static final String sourcePath = aplicacionPath + File.separator + "src" + File.separator + "main" + File.separator;

    public static final String resoucesPath = sourcePath + "resources" + File.separator;

    public static final String webAppPath = sourcePath + "webapp" + File.separator;

    public static String getFileInResources(String file) {
        return resoucesPath + file;
    }

    public static String getFileInWebApp(String file) {
        return webAppPath + file;
    }

    private static String currentPath(){
        try{
            return  new File("").getCanonicalPath();
        }catch (IOException e) {
            new IOException(e.getMessage());
        }
        return null;
    }
}
=====
Actual package: "core"
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Java file:  Emprestimo.java
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package br.com.infowaypi.jbook.core;

public class Emprestimo implements Serializable, Comparable<Emprestimo> {

    private static final long serialVersionUID = -7427026885020906922L;

    private Long idEmprestimo;

    private Usuario bibliotecario;

    private Usuario leitor;

    private Exemplar exemplar;

    private Date dataSolicitacao;

    private Date dataPrevisaoDeDevolucao;

    private Date dataDevolucao;

    private String situacao;
```





































