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Code Reading

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1. Language: Java, Class name: PortableRemoteObject, Method name: run no
2. Language: Java, Class name: Certificate, Method name: equals
3. Language: Java, Class name: AbstractButton, Method name: getCharacterBounds

I’ll be presenting #1 in class.

Certificate

**public** **boolean** equals(Object other) {

**if** (**this** == other)

**return** **true**;

**if** (!(other **instanceof** Certificate))

**return** **false**;

**try** {

**byte**[] thisCert = **this**.getEncoded();

**byte**[] otherCert = ((Certificate)other).getEncoded();

**if** (thisCert.length != otherCert.length)

**return** **false**;

**for** (**int** i = 0; i < thisCert.length; i++)

**if** (thisCert[i] != otherCert[i])

**return** **false**;

**return** **true**;

} **catch** (CertificateException e) {

**return** **false**;

}

}

AbstractButton

**public** Rectangle getCharacterBounds(**int** i) {

View view = (View) AbstractButton.**this**.getClientProperty("html");

**if** (view != **null**) {

Rectangle r = getTextRectangle();

**if** (r == **null**) {

**return** **null**;

}

Rectangle2D.Float shape =

**new** Rectangle2D.Float(r.x, r.y, r.width, r.height);

**try** {

Shape charShape =

view.modelToView(i, shape, Position.Bias.***Forward***);

**return** charShape.getBounds();

} **catch** (BadLocationException e) {

**return** **null**;

}

} **else** {

**return** **null**;

}

}