

POI HSSF - ##### - HOWTO

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1. POI HSSF - ##### - HOWTO

1.1.

#####Excel#####Java#####
#####

1.2.

#####XML#####

- #####Java####
- #####

1.3.

#####Ant#####generate-records#####_record.xml#####src/records/definitions
#####

```
<record id="0x1032" name="Frame" package="org.apache.poi.hssf.record"
  excel-record-id="FRAME">
  <description>The frame record indicates whether there is a border
    around the displayed text of a chart.</description>
  <author>Glen Stampoultzis (glens at apache.org)</author>
  <fields>
    <field type="int" size="2" name="border type">
      <const name="regular" value="0" description="regular rectangle or no border" />
      <const name="shadow" value="1" description="rectangle with shadow" />
    </field>
    <field type="int" size="2" name="options">
      <bit number="0" name="auto size"
        description="excel calculates the size automatically if true" />
      <bit number="1" name="auto position"
        description="excel calculates the position automatically" />
    </field>
  </fields>
</record>
```

</record>

The following table details the allowable types and sizes for the fields.

Type	Size	Java Type
int	1	byte
int	2	short
int	4	int
int	8	long
int	varword	array of shorts
bits	1	A byte comprising of a bits (defined by the bit element)
bits	2	An short comprising of a bits
bits	4	A int comprising of a bits
float	8	double
hbstring	java expression	String

Java#####

1.4.

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#####Java#####

```
<field type="custom:org.apache.poi.hssf.record.LinkedDataFormulaField"
    size="var" name="formula of link" description="formula"/>
```

####custom:#####CustomField#####

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1.5.

#####XML#####XSLT#####XSLT#####Java####

record.xml, record_test.xml, FieldIterator.java, RecordUtil.java, RecordGenerator.java

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#####"type"#HDF#####HDF#####

1.6.

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#####XSL####Java#####Java#####