

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<!--
```

```
    * xcel_tiff.xml
```

```
    * This module is part of the XCL software system
```

```
    *
```

```
    * Written by Volker Heydegger, Johanna Neumann, Jan Schnasse, Manfred Thaller 2006 - 2007
```

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    *
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```
    * Copyright (C) 2006 - 2007 Volker Heydegger, Johanna Neumann, Jan Schnasse, Manfred Thaller
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    * This program is free software; you can redistribute it and/or modify
```

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```

```
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    * (at your option) any later version.
```

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```

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    * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
```

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    * GNU General Public License for more details.
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```
<XCELDocument xmlns="http://www.planets-project.eu/xcl/schemas/xcl"
```

```
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
```

```
    xsi:schemaLocation="http://www.planets-project.eu/xcl/schemas/xcl
    schemas/XCELImageTIFFExtension.xsd">
```

```
<!-- this is an instance of the XCEL draft version 0 for a Baseline TIFF object;
values indicating a length or position are interpreted as Bytes, if not indicated otherwise-->
```

```
<preProcessing> </preProcessing>
```

```
<formatDescription>
```

```
    <item xsi:type="structuringItem" identifier="rootItem01">
```

```
        <!-- ***** Image file header: ***** -->
```

```
        <item xsi:type="structuringItem" identifier="IDI01_Header">
```

```
            <symbol identifier="Header_S01_ByteOrder" name="byteOrder"
```

```
length="2">
```

```
                <valueInterpretation>
```

```
                    <valueLabel>bigEndian</valueLabel>
```

```
                    <value>77 77</value>
```

```
                    <valueLabel>littleEndian</valueLabel>
```

```
                    <value>73 73</value>
```

```
                </valueInterpretation>
```

```
            </symbol>
```

```

        <processing type="pushXCEL" xcelRef="rootItem01">
            <processingMethod name="setByteOrder">
                <param valueRef="Header_S01_ByteOrder"/>
            </processingMethod>
        </processing>

        <symbol interpretation="uint16" length="2" value="42"
name="signature"/>

        <symbol identifier="IFDOffset" interpretation="uint32" length="4"/>

        <processing type="pushXCEL" xcelRef="ImageFileDirectory">
            <processingMethod name="setStartPosition">
                <param valueRef="IFDOffset"/>
            </processingMethod>
        </processing>
    </item>
    <!-- End: Image file Header -->

    <!-- ***** IFD : ***** -->
    <item xsi:type="structuringItem" identifier="ImageFileDirectory"
multiple="false">

        <!--die Position des IFD ist jetzt bekannt, da durch vorherige
procMeth gesetzt ; das Attribut 'multiple' ist gesetzt, da das IFD wiederholbar ist;ordered="true":
jedes IFD erscheint in genau dieser Abfolge der Kindelemente -->

        <symbol identifier="numberOfEntries" interpretation="uint16"
length="2"/>

        <!-- JS:nach meinem Verständnis muss hier multiple auf false
gesetzt sein, da dieses Item ja nur einmal abgearbeitet wird-->
        <item xsi:type="structuringItem" multiple="false" order="all"
            identifier="IDF_I01_IFDEntries">
            <!-- es folgen sämtliche möglichen tags(entries);'multiple'
ist wieder auf 'true' gesetzt, weil directory entries wiederholbar sind; -->

            <!-- Tag 254: NewSubfileType (XCL: subfileType (!noch
nicht in der xcel!)) -->
            <item xsi:type="structuringItem" identifier="IFDE_254"
optional="true">

```