

Class Context: Abstract**Renderer**Maker
Developer Written: Indicates whether a specific MIME type is supported **by this renderer**

```
public boolean isMimeTypeSupported(String mimeType) {
    String[] mimes = getSupportedMimeTypes();
    for (String mime : mimes) {
        if (mime.equals(mimeType)) {
            return true;
        }
    }
    return false;
}
```

(a) An Example Comment Focusing on Class Context

Parameter Context : **PDFAction**
Developer Written: Create a PDF link **to an existing PDFAction object**

```
public PDFLink makeLink(Rectangle2D rect, PDFAction pdfAction) {
    if (rect == null || pdfAction == null) {
        return null;
    } else {
        PDFLink link = new PDFLink(rect);
        link.setAction(pdfAction);
        getDocument().registerObject(link);
        return link;
    }
}
```

(b) An Example Comment Focusing on Parameter Context

Return Context : **PFBData**
Developer Written: Parses a PFB file **into a PFBData object**

```
public PFBData parsePFB(InputStream in) throws IOException {
    PFBData pfb = new PFBData();
    BufferedInputStream bin = new BufferedInputStream(in);
    DataInputStream din = new DataInputStream(bin);
    din.mark(32);
    int firstByte = din.readUnsignedByte();
    din.reset();
    if (firstByte == 128) {
        pfb.setPFBFormat(PFBData.PFB_PC);
        parsePCFormat(pfb, din);
    } else {
        pfb.setPFBFormat(PFBData.PFB_RAW);
        parseRAWFormat(pfb, bin);
    }
    return pfb;
}
```

(c) An Example Comment Focusing on Return Context

Caller Context : **testSyncThresholdExceedCount**
Developer Written: Setter for ServerStats **to monitor fsync threshold exceed**

```
public synchronized void setServerStats(ServerStats serverStats) {
    this.serverStats = serverStats;
}
```

(d) An Example Comment Focusing on Caller Context

Callee Context : **addChildLMs**
Developer Written: Create a new LineLM, and **collect all consecutive inline generating LMs as its child LMs**

```
private LineLayoutManager createLineManager(LayoutManager firstLm) {
    LineLayoutManager llm = new LineLayoutManager(getBlockFO(), lineHeight, lead, follow);
    List<LayoutManager> inlines = new java.util.ArrayList<LayoutManager>();
    inlines.add(firstLm);
    while (proxyLMiter.hasNext()) {
        LayoutManager lm = proxyLMiter.next();
        if (lm instanceof InlineLevelLayoutManager) {
            inlines.add(lm);
        } else {
            proxyLMiter.previous();
            break;
        }
    }
    llm.addChildLMs(inlines);
    return llm;
}
```

(e) An Example Comment Focusing on Callee Context

Field Context : **EBCIDIC_ENCODING**
Developer Written: Returns the name as a byte array **in EBCIDIC encoding**

```
public byte[] getNameBytes() {
    int afpNameLen = getNameLength();
    int nameLen = name.length();
    if (nameLen < afpNameLen) {
        name = (name + "\    ").substring(0, afpNameLen);
    } else if (name.length() > afpNameLen) {
        String truncatedName = name.substring(nameLen - afpNameLen, nameLen);
        name = truncatedName;
    }
    byte[] nameBytes = null;
    try {
        nameBytes = name.getBytes(AFPConstants.EBCIDIC_ENCODING);
    } catch (UnsupportedEncodingException usee) {
        nameBytes = name.getBytes();
    }
    return nameBytes;
}
```

(f) An Example Comment Focusing on Field Context