# Graph Formats

At the moment, KWebS supports the following formats:

- The KIELER KGraph in its XML Metadata Interchange (XMI) notation, the identifier is `de.cau.cs.kieler.kgraph`
- The KIELER JSON Graph Format based on the JavaScript Object Notation format, the identifier `org.json`
- Graphviz DOT (http://www.graphviz.org/content/dot-language), the identifier is `org.graphviz.dot`
- GraphML (http://graphml.graphdrawing.org/specification.html), the identifier is `org.graphdrawing.graphml`
- Open Graph Markup Language (OGML) (https://eldorado.tu-dortmund.de/bitstream/2003/23280/1/Endbericht_PG478.pdf), the identifier is `net.ogdf.ogml`
- Matrix Market (http://math.nist.gov/MatrixMarket/reports/MMformat.ps), the identifier is `gov.nist.math.matrix`
- GML (http://www.fim.uni-passau.de/en/fim/faculty/chairs/theoretische-informatik/projects.html), the identifier is `de.uni-passau.fim.gml`
- SVG (http://www.w3.org/Graphics/SVG/), the identifier is `org.w3.svg` (only for output)



We recommend to use KGraph where possible. For the HTTP-based service we recommend to use JSON.



For internal usage we convert all formats to the KGraph format and backwards. For some of the formats the conversions are not exhaustive. Feel free to contact us if you experience any weird behavior.