

## WebPODS: web gateway and HTML/CSS widgets

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### Abstract content

There is an increasing interest to access data coming out of the control system through web technology. Use cases includes the integration with other web tools, applications on tablets/devices, office network live reports/status and off campus access for monitoring beamlines. WebPODS aims to provide a specification based on HTTP/WebSockets/JSON to access the data, a server implementation to act as a gateway, a javascript client library, a set of pure HTML/CSS widgets to display such data and a Java client library. The server utilizes DIIRT as the connection layer, the same engine used in CS-Studio, and therefore makes already available a broad set of functionality (e.g. support for different protocols, formulas, ...). As the project has completed its first official release, we go through its status, its functionality and its future.

### Summary

**Primary author(s) :** Mr. CARCASSI, Gabriele (Carcassi LLC)

**Presenter(s) :** Mr. CARCASSI, Gabriele (Carcassi LLC)

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