

# Submit Comments to Pluck

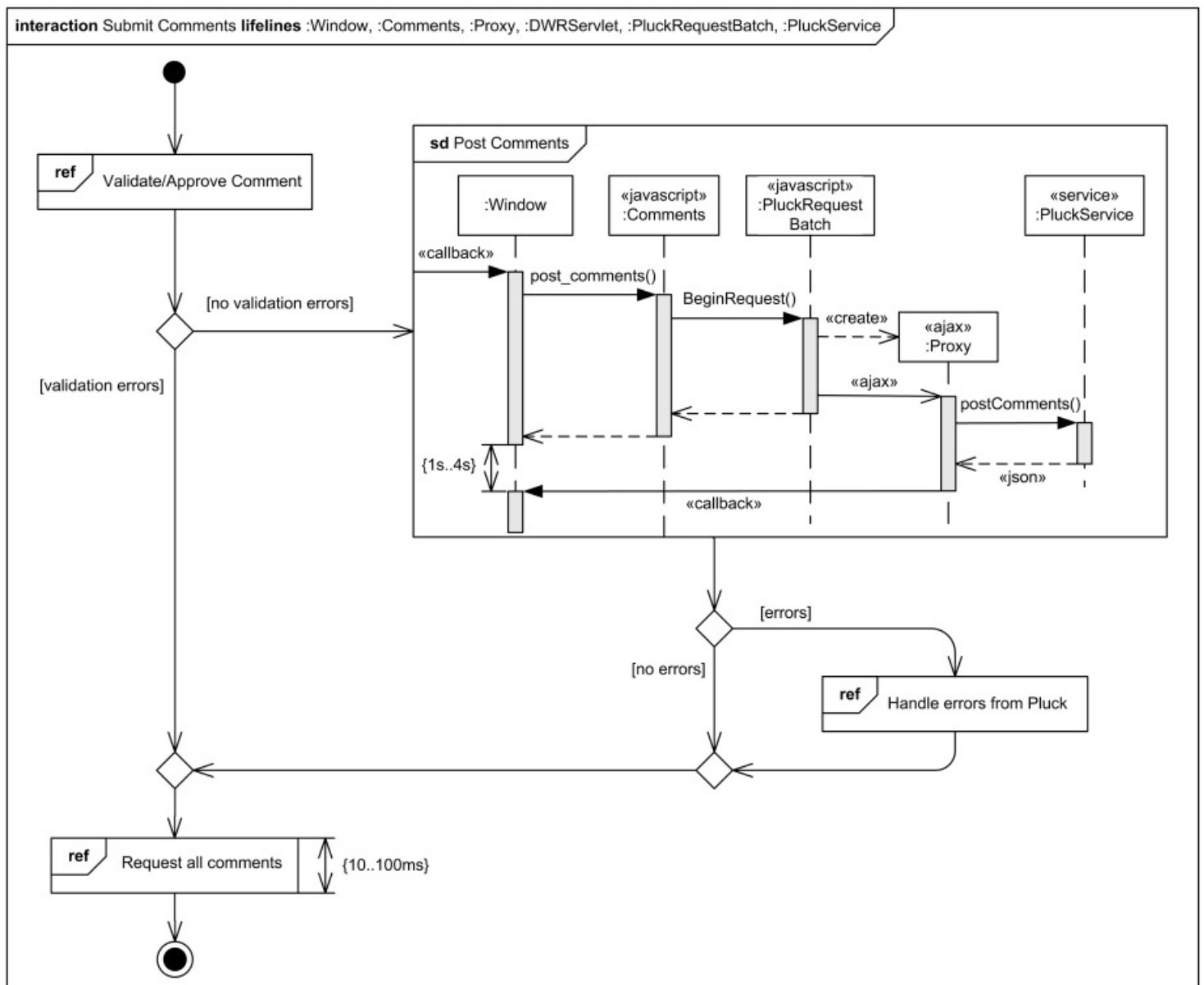
## UML Interaction Overview Diagram Example

An example of **interaction overview diagram** which shows how user comments on some article are submitted to **Pluck** using various **AJAX** technologies. (See example of **sequence diagram** with similar semantics at **Submit Comments to Pluck using DWR, AJAX, JSON**.)

Comments submitted by a web user are first validated by the web site which is hosting commented article. **DWR** technology (**AJAX** for Java) is used to convert user comments HTML form data into Java object and possible validation errors - back into JavaScript callbacks for errors.

Comments that look Ok are submitted to Pluck server hosting all comments to all articles. **AJAX** technology is also used in this case both to submit the new comment as well as to get back the list of all recent comments (including the new one). **JSON** is used to get comments back.

This diagram also shows some **duration constraints**. (Disclaimer: constraints shown are fictitious and not describing any real communication.) For example, according to the diagram callback waiting time for posted comment varies from 1 to 4 seconds. At the same time, requesting all posted comments takes only up to 100 msec.



Example of interaction overview diagram - submit comments to Pluck using DWR, AJAX, JSON.

This document describes UML versions up to **UML 2.5** and is based on the corresponding **OMG™ Unified Modeling Language™ (OMG UML®)** specifications. UML diagrams were created in **Microsoft® Visio®** 2007-2016 using **UML 2.x Visio Stencils**. **Lucidchart** is a nice, free UML tool that I recommend for students.

You can send your comments and suggestions to [webmaster](#) at [webmaster@uml-diagrams.org](mailto:webmaster@uml-diagrams.org).

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