

Z3ECM > Ajax infrastructure in Zope

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- ◆ Ajax what for ?
- ◆ Xform
- ◆ Principles
- ◆ Current implementation
- ◆ What's next ?

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- ◆ Ajax what for ?
 - ◆ Quick updates on UI without calling the publisher for a full page rendering
 - ◆ Enhanced end-user experience
 - ◆ Examples:
 - ◆ Update a portlet content on user events
 - ◆ Change a form select box depending on other input state
 - ◆ Perform dynamic updates (see LiveSearch in Plone)
- ◆

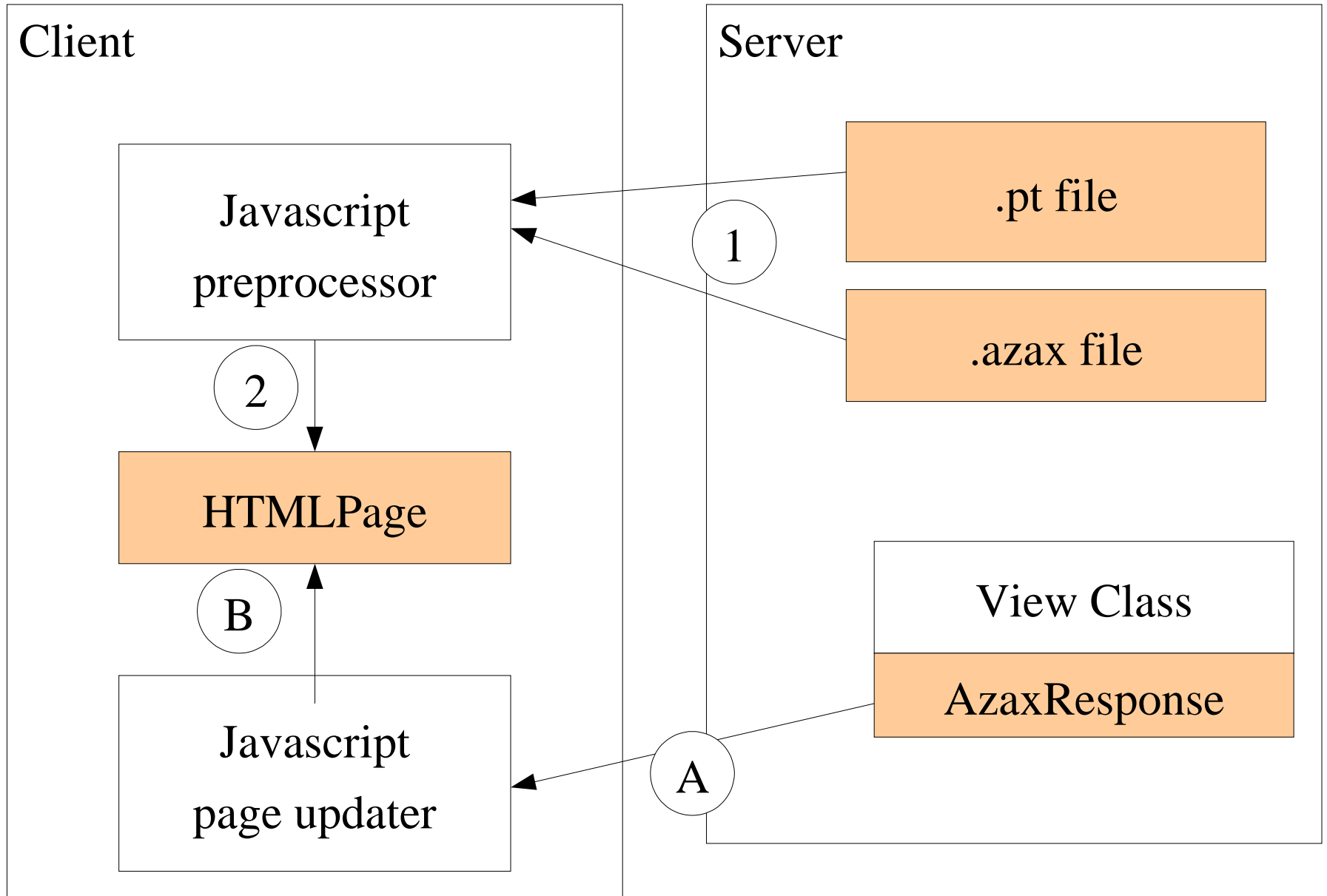
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- ◆ Xforms
 - ◆ Not usable on today's customer browser tools
 - ◆ Provide the right infrastructure to do dynamic updates
 - ◆ Tomorrow's best choice
- ◆ AJAX is today's quick solution !

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- ◆ Principles
 - ◆ Each page template can be completed with a XML description file
 - ◆ The description file is based on a declarative language
 - ◆ A javascript preprocessor injects javascript blocs using the declaration
 - ◆ The javascript injected will make links to server methods
 - ◆ User actions make actions that calls the server methods.
 - ◆ These methods returns XML commands
 - ◆ These commands are interpreted by a second javascript processor that updates the page

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- ◆ Current implementation
 - ◆ Started with Godefroid Chapelle at EP2005 Sprint
 - ◆ Server XML code based on lxml
 - ◆ Current Use cases based on CPSPMailAccess needs
 - ◆ Javascript unit tested with ECMAUnit
 - ◆ Need more use cases !

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- ♦ What's next
 - ♦ 2 developers at this time:
 - ♦ Godefroid Chapelle
 - ♦ Tarek Ziadé
 - ♦ Need more people to join the project
 - ♦ Add use cases in the preprocessor and postprocessor
 - ♦ Online Demo:
 - ♦ <http://www.z3lab.org/workspaces/developers-workspaces/ep2005-sprint/ajax-infrastructure/demo>
 - ♦ SVN:
 - ♦ Browsing:
<https://svn.nuxeo.org/trac/pub/browser/z3lab/azax/>
 - ♦ Getting the code:
 - ♦ `svn co https://svn.nuxeo.org/pub/z3lab/azax/trunk
azax`

If you want to join the project Contact: tz@nuxeo.com