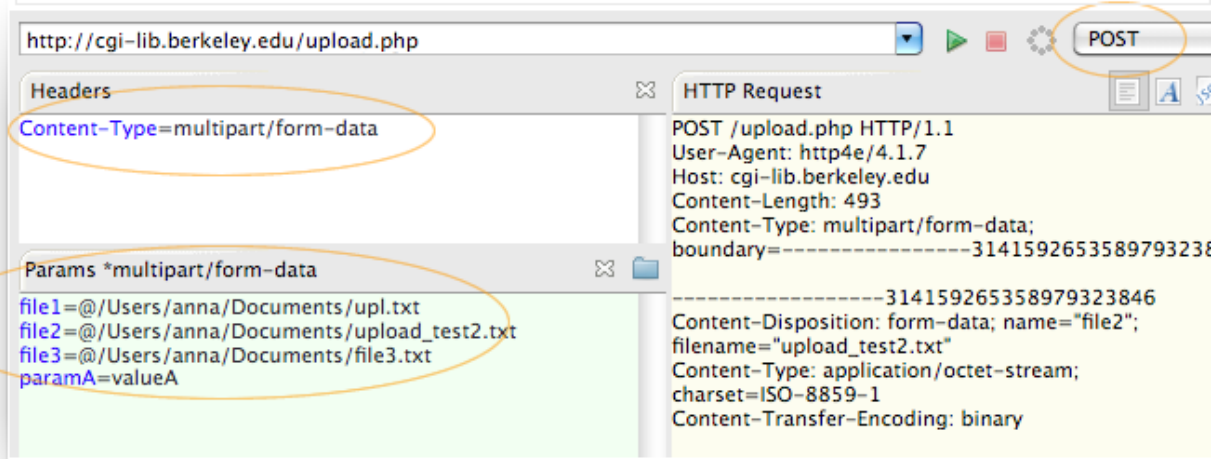
SPRING MVC

ADDITIONAL FEATURES

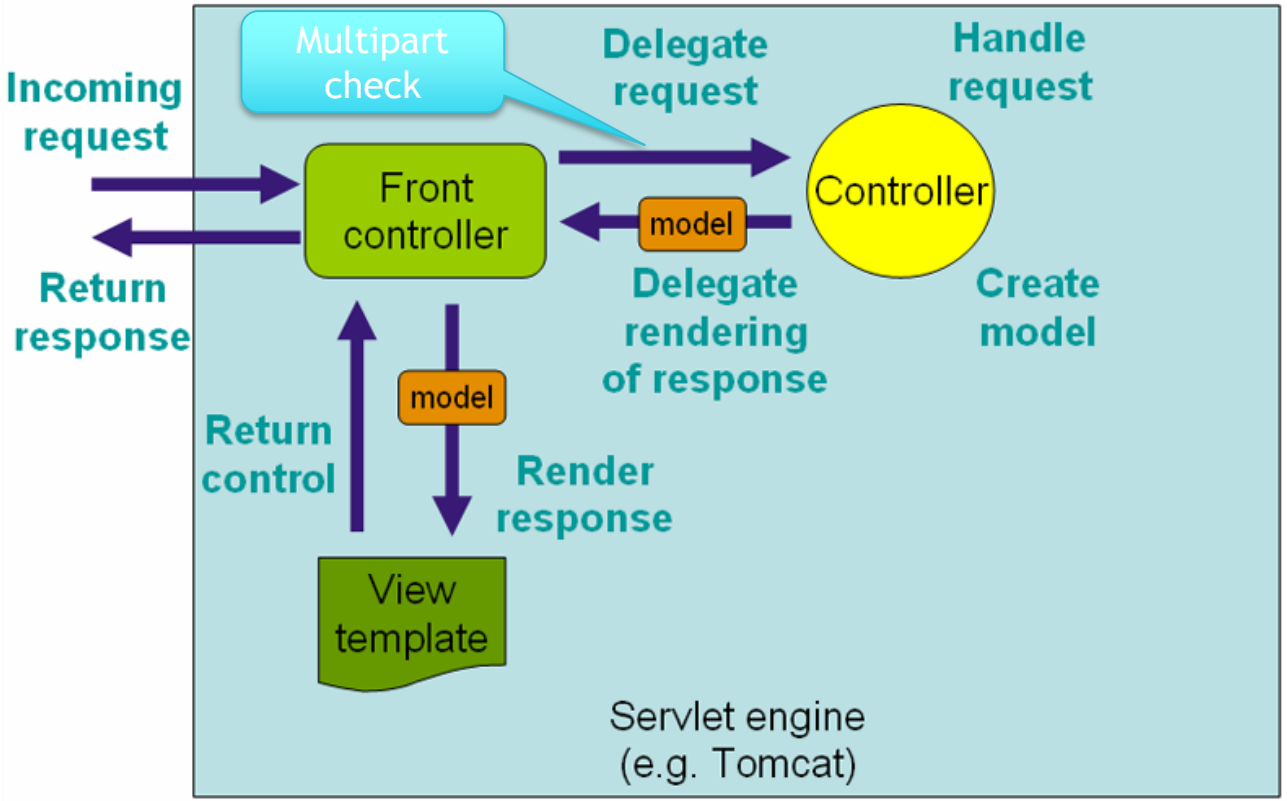
MARCH, 2015

MULTIPART SUPPORT - EXAMPLE

```
<form method='POST' enctype='multipart/form-data' action='/upload.php'>
    <input type='file' name='file1'>
    <input type='file' name='file2'>
    <input type='file' name='file3'>
    <input type='text' name='paramA'>
    <input type='SUBMIT'>
</form>
```



MULTIPART SUPPORT – ENTRY POINT



MULTIPART RESOLVER CONFIGURATION

```
<bean id="multipartResolver"
        class="org.springframework.web.multipart.commons.CommonsMultipartResolver">
    <!-- Maximum file size in bytes -->
    <property name="maxUploadSize" value="100000"/>
    <!-- Maximum file size to keep in memory -->
    <property name="maxInMemorySize" value="50000"/>
</bean>
```

```
<bean id="multipartResolver"
        class="org.springframework.web.multipart.support.StandardServletMultipartResolver">
</bean>
```

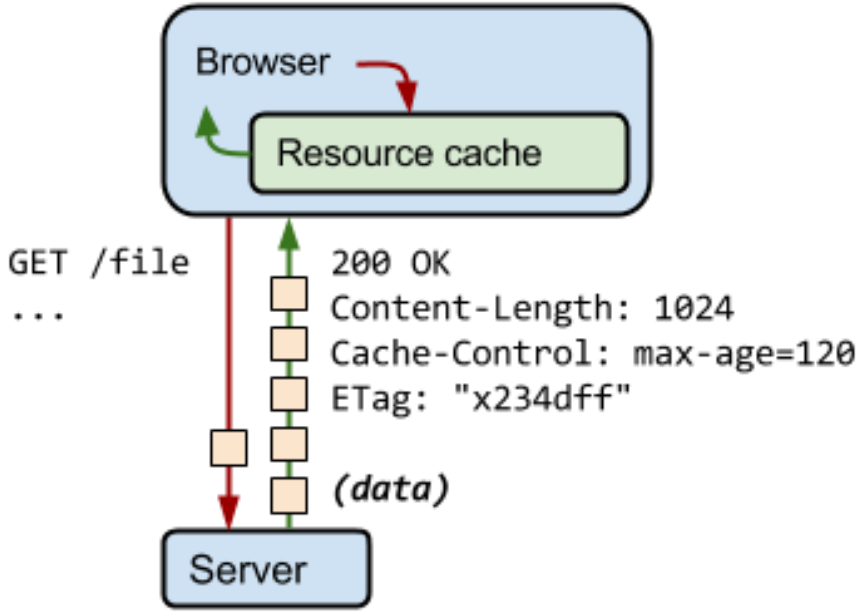
SERVLET 3.0 ADDITIONAL CONFIGURATION

```
<servlet>
    <servlet-name>SpringDispatcher</servlet-name>
    <servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-class>
    <multipart-config>
        <location>/tmp</location>
        <max-file-size>20848820</max-file-size>
        <max-request-size>418018841</max-request-size>
        <file-size-threshold>1048576</file-size-threshold>
    </multipart-config>
    <init-param>
        <param-name>contextConfigLocation</param-name>
        <param-value>/WEB-INF/spring/servlet-context.xml
        </param-value>
    </init-param>
    <load-on-startup>1</load-on-startup>
</servlet>
```

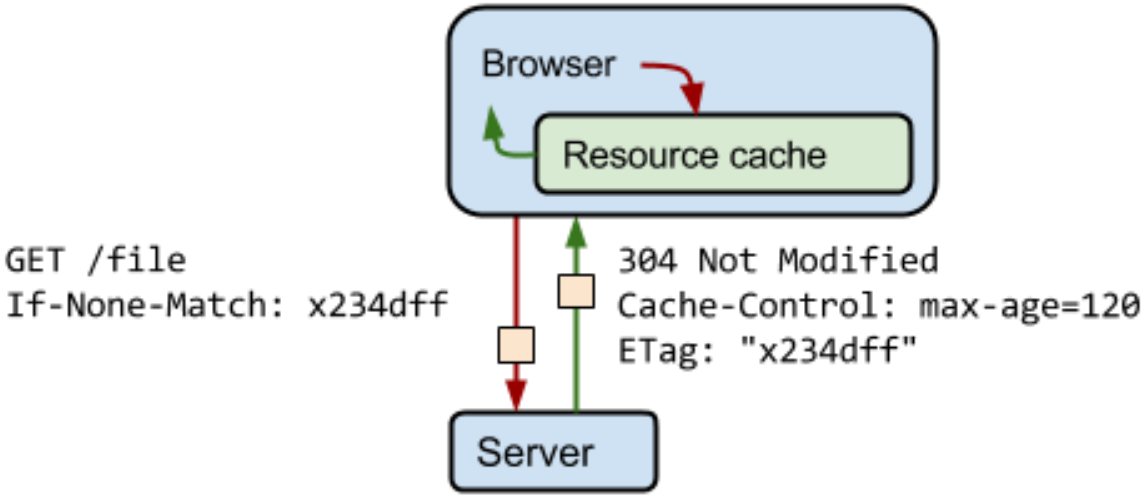
MULTIPART CONTROLLER IMPLEMENTATION

```
@Controller
public class FileUploadController {

    @RequestMapping(value = "/form", method = RequestMethod.POST)
    public String handleFormUpload(@RequestParam("name") String name,
                                   @RequestParam("file") MultipartFile file) {

        if (!file.isEmpty()) {
            byte[] bytes = file.getBytes();
            // store the bytes somewhere
            return "redirect:uploadSuccess";
        }
        return "redirect:uploadFailure";
    }
}
```

ETag SUPPORT



REQUEST CONTENT BY ETag



REQUEST CONTENT BY ETag

```
<filter>
    <filter-name>etagFilter</filter-name>
    <filter-class>org.springframework.web
                  .filter.ShallowEtagHeaderFilter</filter-class>
</filter>

<filter-mapping>
    <filter-name>etagFilter</filter-name>
    <servlet-name>dispatcher</servlet-name>
</filter-mapping>
```

<epam>

THANK YOU!

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MARCH, 2015