git_comments:

1. `<plugin> <groupId>org.codehaus.mojo</groupId> <artifactId>flatten-maven-plugin</artifactId> <version>1.0.0</version> <configuration> <flattenMode>ossrh</flattenMode> <updatePomFile>true</updatePomFile> </configuration> <executions> <execution> <id>flatten</id> <phase>process-resources</phase> <goals> <goal>flatten</goal> </goals> </execution> <execution> <id>flatten.clean</id> <phase>clean</phase> <goals> <goal>clean</goal> </goals> </execution> </executions> </plugin>`
2. remove '%md'
3. add % to convert to cell magic
4. use raw cells for unknown magic
5. **comment:** * * TODO(zjffdu) not sure why I have to use String here, otherwise Gson will throw NumberFormatException * even when the data format is correct. * The data in json file is "22", but somehow I see "22.0" when exception happens * com.google.gson.JsonSyntaxException: java.lang.NumberFormatException: For input string: "22.0" * * at com.google.gson.internal.bind.TypeAdapters$7.read(TypeAdapters.java:232) * at com.google.gson.internal.bind.TypeAdapters$7.read(TypeAdapters.java:222) * at com.google.gson.internal.bind.ReflectiveTypeAdapterFactory$1.read(ReflectiveTypeAdapterFactory.java:93) * at com.google.gson.internal.bind.ReflectiveTypeAdapterFactory$Adapter.read(ReflectiveTypeAdapterFactory.java:172) * at com.google.gson.TypeAdapter.fromJsonTree(TypeAdapter.java:281) * at com.google.gson.typeadapters.RuntimeTypeAdapterFactory$1.read(RuntimeTypeAdapterFactory.java:214)
   label: code-design
6. Checking whether the notebook data is from a Jupyter or a Zeppelin Notebook. Jupyter notebooks have paragraphs under the "cells" label.
7. broadcastNoteList(); failed nothing to worry.
8. Export nbformat
9. zeppelin notebook format
10. angular.element('#noteImportModal').modal('hide');
11. nbviewer notebook format
12. converting note to nbformat

git_commits:

1. **summary:** [ZEPPELIN-3033]. Ability to import from and export to notebooks in jupyter ipynb format
   message: [ZEPPELIN-3033]. Ability to import from and export to notebooks in jupyter ipynb format ### What is this PR for? This PR is based on the work of #2649 which is done by ShamsUlAzeem. It just utlity the zeppelin-jupyter module to convert ipynb format to zeppelin format. This would be a pretty import feature to embrace jupyter community and attract more users from jupyter community. ### What type of PR is it? [Feature] ### Todos * [ ] - Task ### What is the Jira issue? * https://jira.apache.org/jira/browse/ZEPPELIN-3033 ### How should this be tested? * Unit test is added. Also verify it manually. ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? No * Is there breaking changes for older versions? No * Does this needs documentation? No Author: Jeff Zhang <zjffdu@apache.org> Closes #3610 from zjffdu/ZEPPELIN-3033 and squashes the following commits: 98bff20be [Jeff Zhang] [ZEPPELIN-3033]. Ability to import from and export to notebooks in jupyter ipynb format

github_issues:

github_issues_comments:

github_pulls:

1. **title:** [ZEPPELIN-3033] IPYNB import/export
   body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**
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Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

label: code-design

5. **title:** [ZEPPELIN-3033] IPYNB import/export

   body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

6. **title:** [ZEPPELIN-3033] IPYNB import/export

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7. **title:** [ZEPPELIN-3033] IPYNB import/export

   body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

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10. **title:** [ZEPPELIN-3033] IPYNB import/export

    body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

11. **title:** [ZEPPELIN-3033] IPYNB import/export

    body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

12. **title:** [ZEPPELIN-3033] IPYNB import/export

    body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

13. **title:** [ZEPPELIN-3033] IPYNB import/export

    body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

    label: code-design

14. **title:** [ZEPPELIN-3033] IPYNB import/export

    body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

15. **title:** [ZEPPELIN-3033] IPYNB import/export
    body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

16. **title:** [ZEPPELIN-3033] IPYNB import/export
    body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

17. **title:** [ZEPPELIN-3033] IPYNB import/export
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18. **title:** [ZEPPELIN-3033] IPYNB import/export
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19. **title:** [ZEPPELIN-3033] IPYNB import/export
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20. **title:** [ZEPPELIN-3033] IPYNB import/export
    body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

21. **title:** [ZEPPELIN-3033] IPYNB import/export
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22. **title:** [ZEPPELIN-3033] IPYNB import/export
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24. **title:** [ZEPPELIN-3033] IPYNB import/export
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    label: code-design

26. **title:** [ZEPPELIN-3033] IPYNB import/export

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27. **title:** [ZEPPELIN-3033] IPYNB import/export

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31. **title:** [ZEPPELIN-3033] IPYNB import/export

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    label: code-design

33. **title:** [ZEPPELIN-3033] IPYNB import/export

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34. **title:** [ZEPPELIN-3033] IPYNB import/export

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35. **title:** [ZEPPELIN-3033] IPYNB import/export

    body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ###

Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

36. **title:** [ZEPPELIN-3033] IPYNB import/export
   body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

37. **title:** [ZEPPELIN-3033] IPYNB import/export
   body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

38. **title:** [ZEPPELIN-3033] IPYNB import/export
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39. **title:** [ZEPPELIN-3033] IPYNB import/export
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40. **title:** [ZEPPELIN-3033] IPYNB import/export
   body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

41. **title:** [ZEPPELIN-3033] IPYNB import/export
   body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

42. **title:** [ZEPPELIN-3033] IPYNB import/export
   body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

43. **title:** [ZEPPELIN-3033] IPYNB import/export
   body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

44. **title:** [ZEPPELIN-3033] IPYNB import/export
   body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

45. **title:** [ZEPPELIN-3033] IPYNB import/export
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46. **title:** [ZEPPELIN-3033] IPYNB import/export

body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

47. **title:** [ZEPPELIN-3033] IPYNB import/export
    body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

48. **title:** [ZEPPELIN-3033] IPYNB import/export
    body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

49. **title:** [ZEPPELIN-3033] IPYNB import/export
    body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

50. **title:** [ZEPPELIN-3033] IPYNB import/export
    body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

51. **title:** [ZEPPELIN-3033] IPYNB import/export
    body: ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No**

github_pulls_comments:

1. Looks like a nice feature
2. It is a important feature, I hope everything goes well
3. Any update on this?
4. **body:** @tromika I need more info on how to access the interpreter group name. As soon as I get it I can add the complete the functionality. @felixcheung Any help on that part?
   label: code-design
5. Would be great to have this functionality part of core Zeppelin. Any plans to move this PR forward? Thanks!
6. @ShamsUlAzeem Do you have any progress on this? I like this feature. :-)
7. @jongyoul Sorry I missed @felixcheung 's comment. I'll start my work on this PR again
8. @ShamsUlAzeem GREAT!! Thank you!!
9. @ShamsUlAzeem I like too this feature. Any progress ?
10. ping @ShamsUlAzeem Could you resolve the conflict ? I will help to review it after that.
11. @zjffdu Sure. I'll complete this feature this/next weekend.
12. @zjffdu resolve the conflicts. Not entirely sure how the changes would take effect in the newer zeppelin since this PR is quite old but I've resolved them as best as I could. Let me know what I should add more. I'll test the functionality later when I get more time for this.
13. **body:** Ah shit! Some unintended changes got creeped in. Stupid IDE... I'll do an update for this
    label: code-design
14. @zjffdu oh much better now. You can have a look at it. There's this comment about interpreters and interpreter groups by @felixcheung that I want to look at later.
15. @ShamsUlAzeem Please setup your travis to enable the CI. See guideline here. https://zeppelin.apache.org/contribution/contributions.html#continuous-integration I tried to build your PR, but hit maven dependency conflicts issue. ``` [ERROR] Failed to execute goal org.apache.maven.plugins:maven-enforcer-plugin:1.3.1:enforce (enforce) on project zeppelin-server: org.apache.maven.plugins.enforcer.DependencyConvergence failed with message: [ERROR] Failed while enforcing releasability the error(s) are [[ERROR] Dependency convergence error for org.ow2.asm:asm:5.0.4 paths to dependency are: [ERROR] +-org.apache.zeppelin:zeppelin-server:0.9.0-SNAPSHOT [ERROR] +-org.apache.zeppelin:zeppelin-zengine:0.9.0-SNAPSHOT [ERROR] +-org.apache.zeppelin:zeppelin-interpreter:0.9.0-SNAPSHOT [ERROR] +-io.atomix:atomix:3.0.0-rc4 [ERROR] +-io.atomix:atomix-utils:3.0.0-rc4 [ERROR] +-com.esotericsoftware:kryo:4.0.2 [ERROR] +-com.esotericsoftware:reflectasm:1.11.3 [ERROR] +-org.ow2.asm:asm:5.0.4 [ERROR] and [ERROR] +-org.apache.zeppelin:zeppelin-server:0.9.0-SNAPSHOT [ERROR] +-org.apache.zeppelin:zeppelin-jupyter:0.9.0-SNAPSHOT [ERROR] +-org.apache.zeppelin:zeppelin-markdown:0.9.0-SNAPSHOT [ERROR] +-org.pegdown:pegdown:1.6.0 [ERROR] +-org.parboiled:parboiled-java:1.1.7 [ERROR] +-org.ow2.asm:asm:5.0.3

[ERROR] and [ERROR] +-org.apache.zeppelin:zeppelin-server:0.9.0-SNAPSHOT [ERROR] +-org.apache.zeppelin:zeppelin-jupyter:0.9.0-SNAPSHOT [ERROR] +-org.apache.zeppelin:zeppelin-markdown:0.9.0-SNAPSHOT [ERROR] +-org.pegdown:pegdown:1.6.0 [ERROR] +-org.parboiled:parboiled-java:1.1.7 [ERROR] +-org.ow2.asm:asm-tree:5.0.3 [ERROR] +-org.ow2.asm:asm:5.0.3 [ERROR] and [ERROR] +-org.apache.zeppelin:zeppelin-server:0.9.0-SNAPSHOT [ERROR] +-com.nimbusds:nimbus-jose-jwt:4.41.2 [ERROR] +-net.minidev:json-smart:2.3 [ERROR] +-net.minidev:accessors-smart:1.2 [ERROR] +-org.ow2.asm:asm:5.0.4 [ERROR] , [ERROR] Dependency convergence error for com.google.guava:guava:22.0 paths to dependency are: [ERROR] +-org.apache.zeppelin:zeppelin-server:0.9.0-SNAPSHOT [ERROR] +-org.apache.zeppelin:zeppelin-zengine:0.9.0-SNAPSHOT [ERROR] +-org.apache.zeppelin:zeppelin-interpreter:0.9.0-SNAPSHOT [ERROR] +-io.atomix:atomix:3.0.0-rc4 [ERROR] +-io.atomix:atomix-utils:3.0.0-rc4 [ERROR] +-com.google.guava:guava:22.0 [ERROR] and [ERROR] +-org.apache.zeppelin:zeppelin-server:0.9.0-SNAPSHOT [ERROR] +-org.apache.zeppelin:zeppelin-jupyter:0.9.0-SNAPSHOT [ERROR] +-com.google.guava:guava:15.0 [ERROR] , [ERROR] Dependency convergence error for org.apache.commons:commons-lang3:3.7 paths to dependency are: [ERROR] +-org.apache.zeppelin:zeppelin-server:0.9.0-SNAPSHOT [ERROR] +-org.apache.zeppelin:zeppelin-zengine:0.9.0-SNAPSHOT [ERROR] +-org.apache.zeppelin:zeppelin-interpreter:0.9.0-SNAPSHOT [ERROR] +-org.apache.commons:commons-lang3:3.7 [ERROR] and [ERROR] +-org.apache.zeppelin:zeppelin-server:0.9.0-SNAPSHOT [ERROR] +-org.apache.zeppelin:zeppelin-zengine:0.9.0-SNAPSHOT [ERROR] +-org.apache.commons:commons-lang3:3.7 [ERROR] and [ERROR] +-org.apache.zeppelin:zeppelin-server:0.9.0-SNAPSHOT [ERROR] +-org.apache.zeppelin:zeppelin-jupyter:0.9.0-SNAPSHOT [ERROR] +-org.apache.zeppelin:zeppelin-markdown:0.9.0-SNAPSHOT [ERROR] +-org.apache.commons:commons-lang3:3.4 [ERROR]] [ERROR] -> [Help 1] ```

16. @zjffdu ah alright. on it
17. @ShamsUlAzeem Have you configured your travis to enable the CI ? https://zeppelin.apache.org/contribution/contributions.html#continuous-integration
18. @zjffdu yup I configured it a long time ago and it's working now as well. I'll do a couple of changes and run some tests before notifying you for updates.
19. Thanks @ShamsUlAzeem Seems the CI is still running, let's wait for the CI result.
20. @zjffdu Cool! But I haven't resolved the issues yet. I'll let you know when they're resolved. I just did a random commit to check the CI status
21. @zjffdu solved the dependency issues and some zeppelin-web lint errors.
22. @zjffdu there are a couple of tests that I want to do with the repo for checking out the desired output. Also, have to resolve some of the review comments here then we'll be good to merge this.
23. @zjffdu hmm seems like the integration tests are failing because I upgraded the guava version to 22.0 from 20.0. They have remove the toStringHelper from Objects and have moved it to MoreObjects starting from version 21.0. I'll go and downgrade the version in the whole project to see if it can run the tests successfully.
24. ping @ShamsUlAzeem Any update ?
25. **body:** @zjffdu not entirely done yet. The build completes but there are a couple of bugs I want to fix and make the interpreter groups and names more flexible while conversions
    label: code-design
26. Thanks for the hard work and keep me updated. @ShamsUlAzeem
27. @ShamsUlAzeem Are you still working on this ? If not, I will take over it and will make it available in 0.9
28. @zjffdu sure you can take it over from here. It's kinda difficult for me to find the time for this PR
29. Thanks @ShamsUlAzeem really appreciated your contribution

github_pulls_reviews:

1. why the change? is this related to ZEPPELIN-3025?
2. **body:** hmm, I think perhaps we need more flexibility here - for example the group/interpreter name for Spark could be changed. Same for all interpreter names like md for example.
   label: code-design
3. **body:** how is this going to be used? I don't think we should hardcode the Spark version number and Scala version
   label: code-design
4. ditto
5. I'd extend this to include nbformat, eg. CONVERT_NOTE_NBFORMAT
6. Yup! Looks like it's fixed now in master...
7. Done
8. I think this should go before the upper newline
9. why?
10. Oops! I forgot to remove this line. Good catch
11. Yup! I've updated the code
12. Don't know what you mean here exactly. Do you want me to include conversions for other interpreters like python and sh?
13. Yeah I commented them as they weren't going to be used: https://github.com/apache/zeppelin/pull/2649/commits/deadcc77475c15b73470a87c9c07b4dd68b9236b
14. https://github.com/apache/zeppelin/pull/2649/commits/deadcc77475c15b73470a87c9c07b4dd68b9236b
15. I mean in Zeppelin I could have multiple "names" for the Spark interpreter, it might not be `%spark`
16. I merged the master branch and renamed the project name https://github.com/apache/zeppelin/pull/2649/commits/9fc64c1d2a4a8de136e63c224a8b1c392902e488
17. How can I access the potentially changed name of the interpreter here?
18. would be great to merge this feature so bumping this question :) @ShamsUlAzeem @felixcheung
19. Sorry about the delay. Each interpreter can have multiple instances and in more than one groups and/or have more than one names. (see config example [here] (https://github.com/apache/zeppelin/blob/fe07e5a4962f9457fc2aca473511a50a553499b0/spark/interpreter/src/main/resources/interpreter-setting.json#L171) `group` and `name`fields) One approach is to: 1. get the binded interpreter instead of parsing the text (https://github.com/apache/zeppelin/blob/master/zeppelin-zengine/src/main/java/org/apache/zeppelin/notebook/Paragraph.java#L241) 2. from the interpreter instance, get the classname (https://github.com/apache/zeppelin/blob/master/zeppelin-interpreter/src/main/java/org/apache/zeppelin/interpreter/Interpreter.java#L240) 3. check the classname against the well-known built-in ones like `org.apache.zeppelin.spark.PySparkInterpreter`

(https://github.com/apache/zeppelin/blob/fe07e5a4962f9457fc2aca473511a50a553499b0/spark/interpreter/src/main/resources/interpreter-setting.json#L171)

20. Add one line of comment to explain how we determine whether it is zeppelin note or jupyter note

jira_issues:

1. **summary:** Ability to import from and export to notebooks in jupyter ipynb format
   description: Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github.
2. **summary:** Ability to import from and export to notebooks in jupyter ipynb format
   description: Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github.
3. **summary:** Ability to import from and export to notebooks in jupyter ipynb format
   description: Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github.

jira_issues_comments:

1. GitHub user ShamsUlAzeem opened a pull request: https://github.com/apache/zeppelin/pull/2649 IPYNB import/export ### What is this PR for? Ability to import from and export to notebooks in jupyter ipynb format. This is helpful if you want users to be able to see rendered notebooks in nbviewer on github. ### What type of PR is it? Feature ### Todos - Saving 'results' part from json to ipynb - Using the default interpreter magic for code, according to the default interpreter - Working on writing tests using travis CI ### What is the Jira issue? ZEPPELIN-3033 ### How should this be tested? - Working on writing tests using travis CI ### Screenshots (if appropriate) ### Questions: * Does the licenses files need update? **No** * Is there breaking changes for older versions? **No** * Does this needs documentation? **No** You can merge this pull request into a Git repository by running: $ git pull https://github.com/ShamsUlAzeem/zeppelin ipynb-export/import Alternatively you can review and apply these changes as the patch at: https://github.com/apache/zeppelin/pull/2649.patch To close this pull request, make a commit to your master/trunk branch with (at least) the following in the commit message: This closes #2649 ---- commit 301fd71248a7011d532b27fe2106b72801499047 Author: Shams Ul Azeem <shamsazeem20@gmail.com> Date: 2017-10-24T07:24:36Z Fixed bug in pom.xml -> $PATH\zeppelin\zeppelin-interpreter\target\zeppelin-interpreter-0.8.0-SNAPSHOT.jar to $PATH\zeppelin\zeppelin-interpreter\interpreter\Zeppelin: Interpreter\zeppelin-interpreter -0.8.0-SNAPSHOT.jar: The filename, directory name, or volume label syntax is incorrect commit f98000988d619131d0499c9fc1066f5356157eb7 Author: Shams Ul Azeem <shamsazeem20@gmail.com> Date: 2017-10-24T16:17:35Z Added feature for importing ipynb notebooks commit c9ae9063dbf2c365f92fc6cb747b788c97cacf11 Author: Shams Ul Azeem <shamsazeem20@gmail.com> Date: 2017-10-30T10:57:40Z Untested code implemented for ipynb exports commit 74bb93203a73242357daaad963bcb6aebdc3c70d Author: Shams Ul Azeem <shamsazeem20@gmail.com> Date: 2017-10-31T08:08:22Z Code compiles now commit 47aa6e450cc03cbb946350abf6ed79ec99aa5ebd Author: Shams Ul Azeem <shamsazeem20@gmail.com> Date: 2017-10-31T08:20:07Z String conversion error fixed commit bb56ef5db729bcd15b52917ea223e8abc08acffd Author: Shams Ul Azeem <shamsazeem20@gmail.com> Date: 2017-10-31T08:47:45Z Fixed code being "code" (removed quotes where necessary) ----
2. Github user jongyoul commented on the issue: https://github.com/apache/zeppelin/pull/2649 Looks like a nice feature
3. Github user miandreu commented on the issue: https://github.com/apache/zeppelin/pull/2649 It is a important feature, I hope everything goes well
4. Github user tromika commented on the issue: https://github.com/apache/zeppelin/pull/2649 Any update on this?
5. Github user ShamsUlAzeem commented on the issue: https://github.com/apache/zeppelin/pull/2649 @tromika I needed more info on how to access the interpreter group name. As soon as I get it I can add the complete the functionality. @felixcheung Any help on that part?
6. Github user Tagar commented on the issue: https://github.com/apache/zeppelin/pull/2649 Would be great to have this functionality part of core Zeppelin. Any plans to move this PR forward? Thanks!
7. Github user jongyoul commented on the issue: https://github.com/apache/zeppelin/pull/2649 @ShamsUlAzeem Do you have any progress on this? I like this feature. :-)
8. Github user ShamsUlAzeem commented on the issue: https://github.com/apache/zeppelin/pull/2649 @jongyoul Sorry I missed @felixcheung 's comment. I'll start my work on this PR again
9. Github user jongyoul commented on the issue: https://github.com/apache/zeppelin/pull/2649 @ShamsUlAzeem GREAT!! Thank you!!
10. Issue resolved by pull request 3610 [https://github.com/apache/zeppelin/pull/3610]