

Current Work, Future Directions



For those who don't know, is:

- A data integration system
- An optimising data warehouse
- A set of web-services
- A collection of graphical data exploration and analysis tools
- Dedicated to putting bio-informatics tools in the hands of biologists.

For those who don't know, is:

In use at:







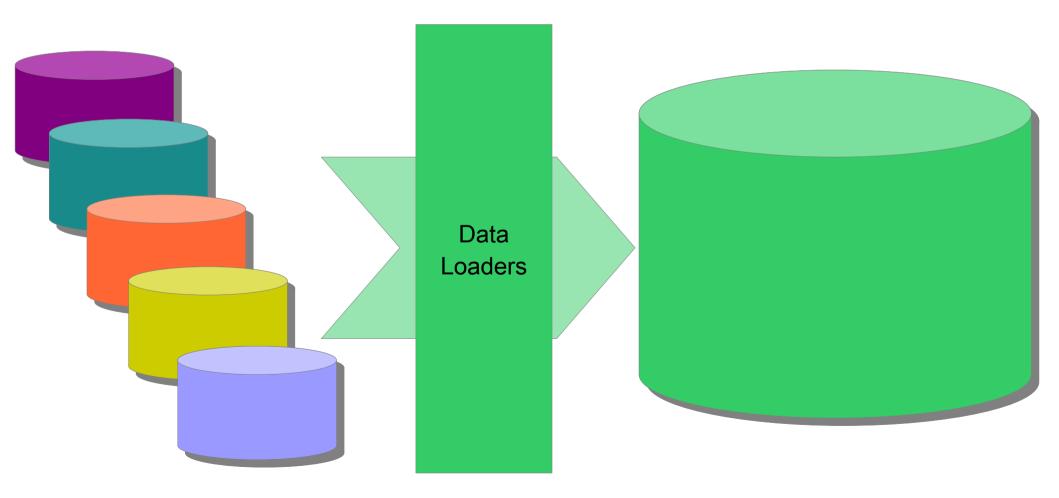




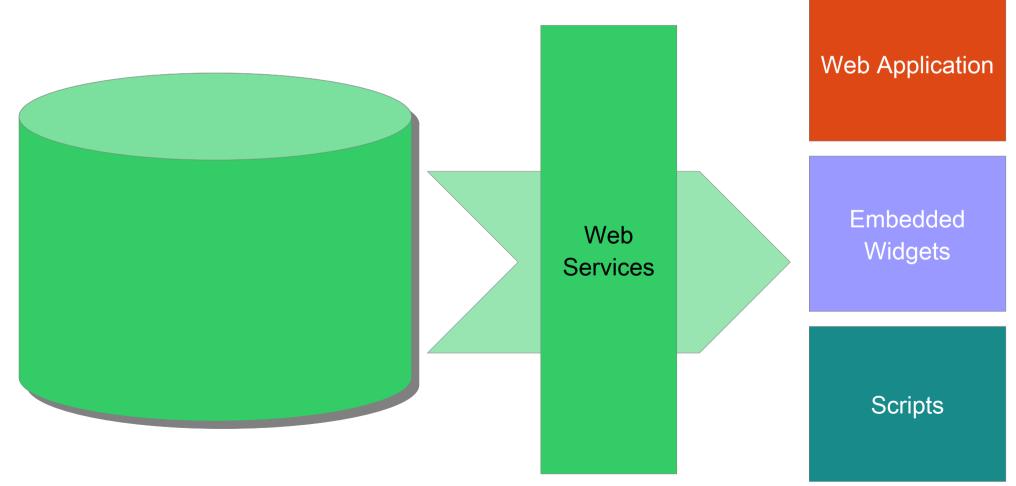




In overview:









Easy as one, two, three...

- Write some XML
- Load data
- Release to the world with
 - a graphical data-mining system
 - a fully capable set of web-services



What's new?

- New! interactive tables
- New! analysis tools
- New! documentation site
- New! github repos
- New! js client library

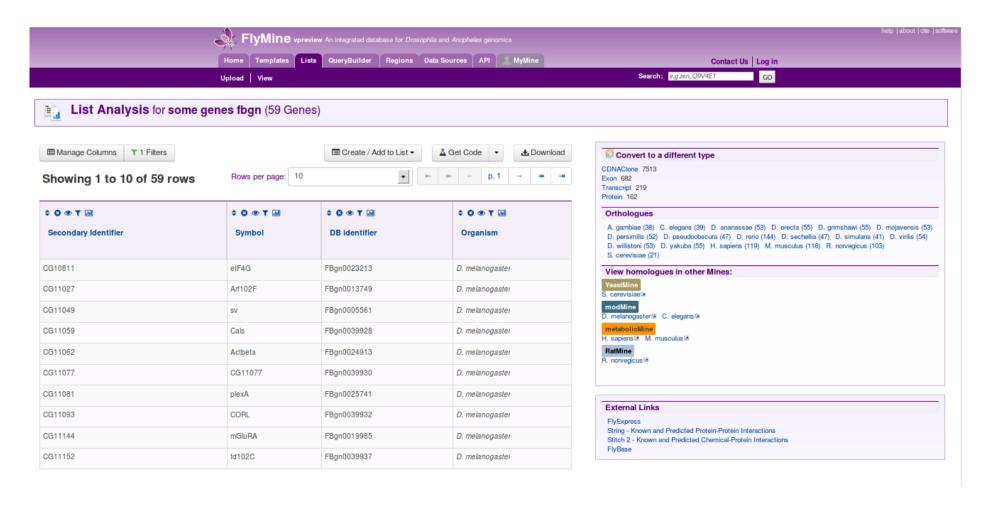
Driven by web-services

```
GET /modelGET /templatesPOST /query/resultsGET /lists
```

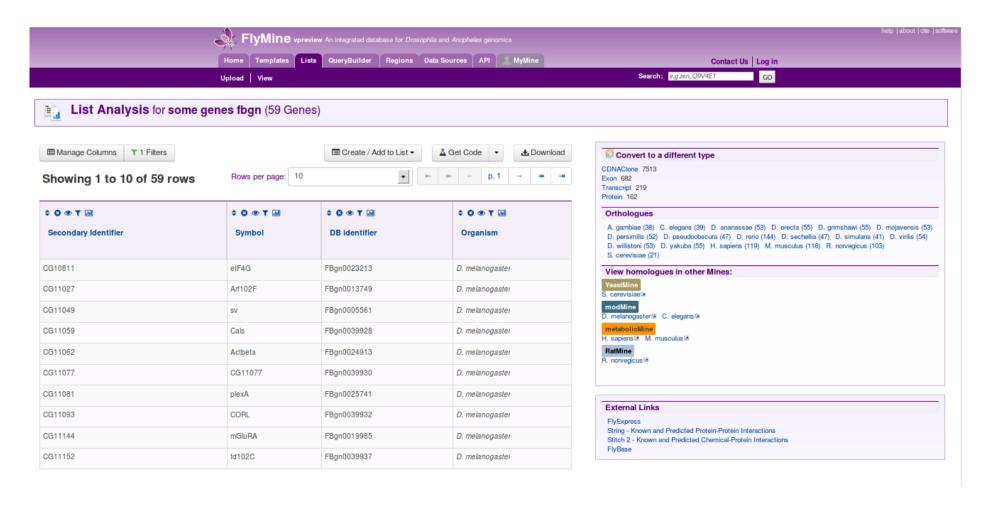
• GET /list/enrichment

• ...

Driven by web-services



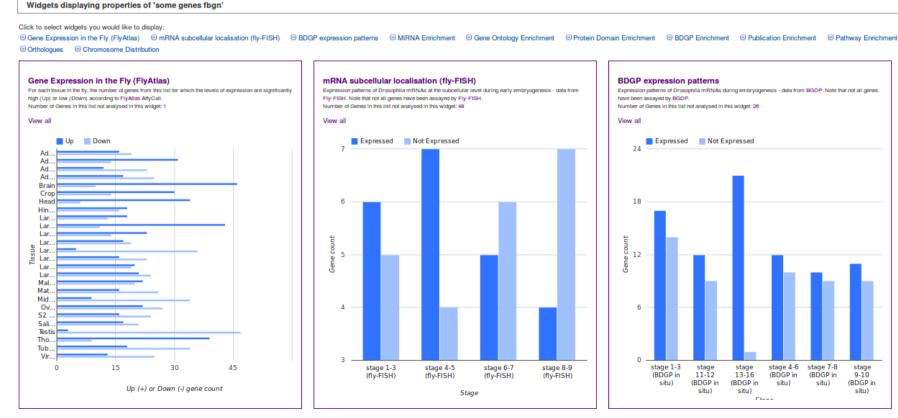
Driven by web-services

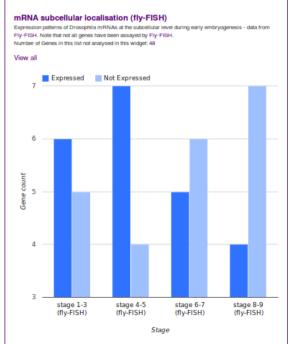


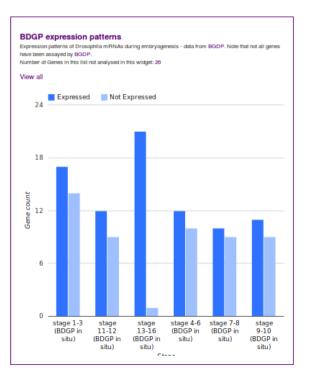
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Driven by web-services

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If we can do it, so can you!

- Client libraries in perl, python, ruby, java, and javascript
- We eat our own dog food
 - web application built on javascript library
 - In house tools in perl and python
- Code generation to get you started

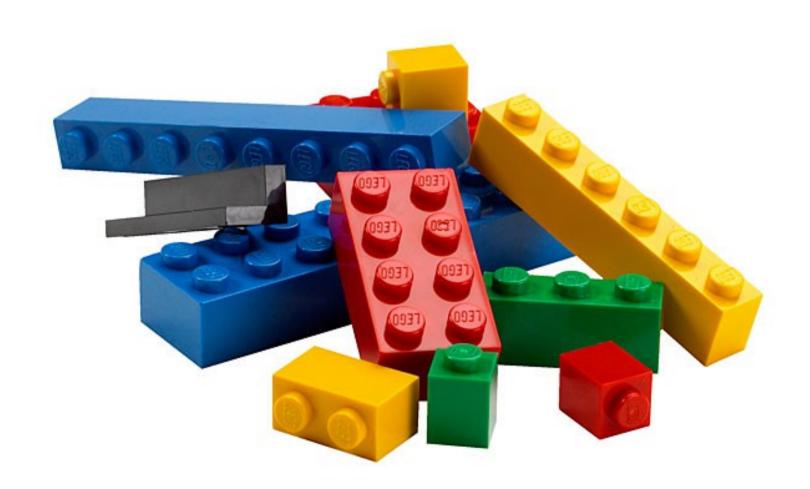
Benefits of building on InterMine



Free (and not just as in beer)



Building the future







National Human Genome Research Institute

Supported by wellcome trust

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http://www.intermine.org





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http://www.intermine.org
https://github.com/intermine