GMOD Community Meeting

Bloomington, IN
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Introductions and Logistics

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GMOD is …

A set of interoperable open-source **software** components for visualizing, annotating, and managing biological data.

An active **community** of developers and users asking diverse questions, and facing common challenges, with their biological data.

The State of GMOD

- No bad.

Upcoming Stuff

- PAG January 2017

- GMOD online course Fall 2016?

  - Poll instructors for a suitable week

  - Open applications late summer

- GMOD community meeting: where? when?

Funding continues to be an issue

- For me anyway (Coordination)

- Other projects are well funded:

    - JBrowse (time for a renewal is coming though—I'll be bugging people for letters of support)

    - Apollo

    - Intermine

    - Tripal

    - MAKER

gmod.org status

- gmod.org is still hosted at OICR, but can be a little flaky.

- So I wrote a little RSS status checker

  gmod.org is OK
  Sun, 06/26/2016 – 02:33

  Categories: Misc

- Probably port to an AWS reserved instance in the near future

GMOD Software

- Configurability and extensibility are central goals of GMOD.
  - GMOD tools are built to be reused
- Emphasize local installs
- Not a hosted solution
- Not monolithic.
  - Most components can stand alone
  - Allows organizations to start slowly

Chado

- Very good at genomic data

- Widely used

  - AphidBase, BeetleBase, dictyBase, FlyBase, SGN, SpBase, VectorBase, wFleaBase, …

- Integrates with other GMOD tools

- Community of support

- Modular, flexible and extensible

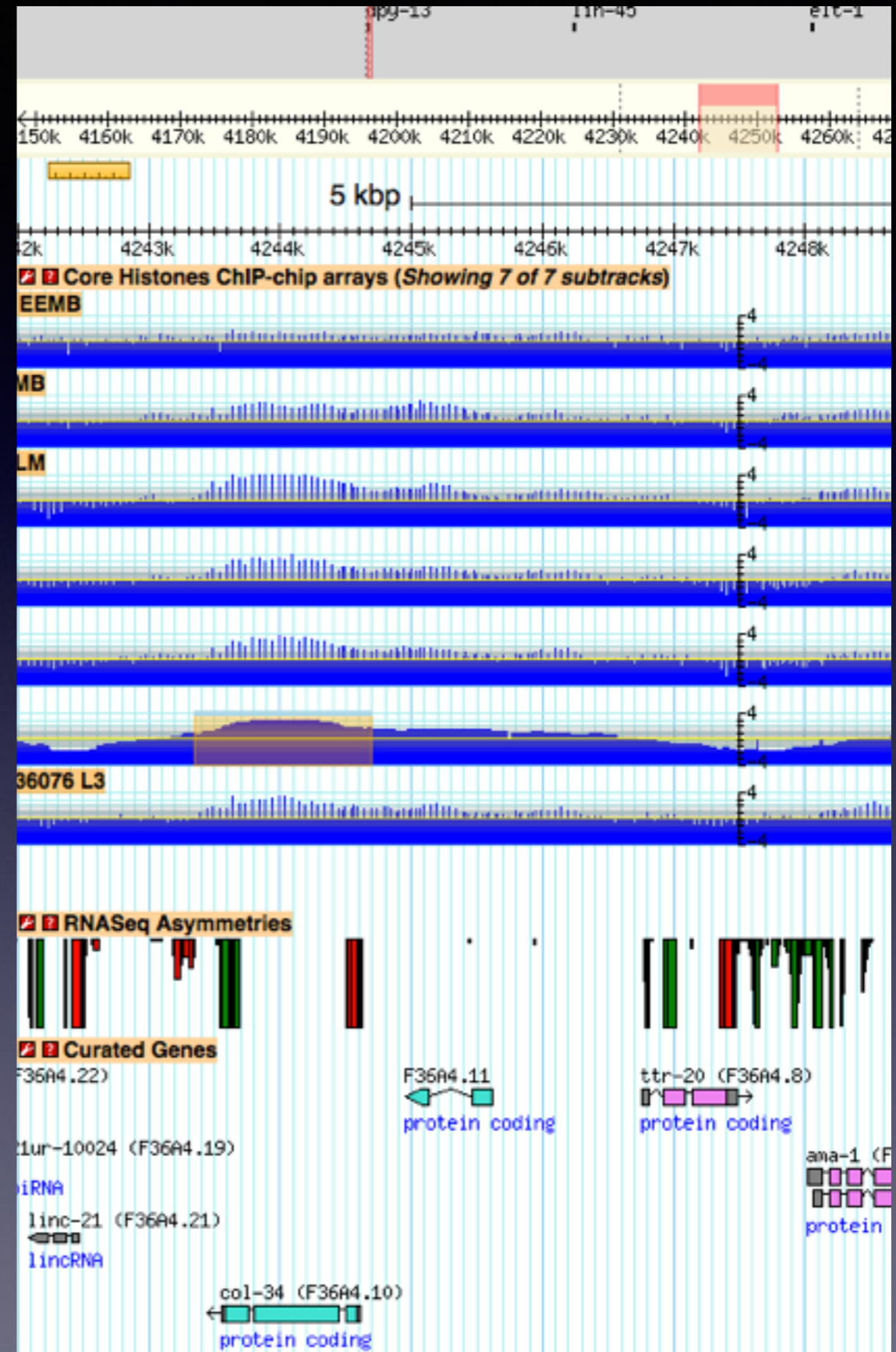- Version 1.31 released earlier this year; roadmap for future developments

Despite my best efforts

GBrowse continues to be widely used

But JBrowse is gaining steam like crazy.

(don't believe me: compare traffic on the mailing lists)

On tap for today

- Project updates from Galaxy, JBrowse, Apollo, Tripal

- About the Tripal Expression module

- GMOD in action from DictyBase, Legume Federation Project

- About the EvidentialGene project

- More from me: Intermine and MAKER updates, and an intro to uMOD (ie, the Alliance of Genome Resources)

For tomorrow

- "Lightning" talks (typically, lightning talks are fast—here, not so much). Please think about giving a talk; as a community, it is useful to hear about what other people are doing

  - Thanks Asela!

- Tripal workshop

Acknowledgements

- Dave Clements, without whose kicking of my butt meetings would never happen.

- Robert Ping and the rest of the IU conference center.

- All of you for being here!