

All in the Family: Best Practices for Creating Happy Revit Families

Agenda

Introductions

- Michael Kilkelly: ArchSmarter
- John Kinney: JFKDMR
- How about you?

6 Best Practices

1. Family Anatomy

- Bones (References)
  - Lines vs Planes
    - Planes are infinite
      - Use these 99% of the time
    - Lines have start, end point
      - Best for rotational parameters
  - Name reference lines
  - Use color coding
- Muscles (Dimensions)
  - Flex the family
- Skin (Geometry & Parameters)

2. Naming conventions

- Family file
- Type names
- Parameter names
- Resource [🔗](#)

3. Nested Families

- Manage complexity
- Pass along param values
- Detail components

4. Parameters

- KISS
- Grouping parameters
- Formulas

5. Visibility

- Use visibility params
- Preview visibility

6. Materials

- Sync w/ schedules
  - Door schedule
- Global parameters

Bonus!

- Use a type catalog
  - Best when 6 or more types
- Resource [🔗](#)

Questions?

Contact

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